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October 1, 2009 75964.00002

VIA UPS

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

Re: Gowanus Canal Superfund Site, Brooklyn, Kings County, New York
Response of Bayside Fuel Oil Corp. to EPA Section 104(e) Information Request

Dear Mr. Carr:

Bayside Fuel Oil Corp., ("Bayside" or "Respondent") hereby responds to the Information Request dated July 10, 2009 ("Request") from the United States Environmental Protection Agency, Region II ("EPA") pursuant to CERCLA Section 104(e) concerning the Gowanus Canal Superfund Site, Brooklyn, Kings County, New York ("Site").

Bayside has endeavored to answer the questions in the Request to the fullest extent reasonably possible. Bayside continues to search for documents and information responsive to the Request and will supplement its responses when and if such additional information is discovered.

The enclosed information is being provided in an effort to cooperate with EPA, without admitting or acknowledging that EPA has the authority to require production of the information requested, or that the statutory authority cited in the Request is applicable. Additionally, nothing in this response should be construed as an admission of any liability or responsibility on the part of Bayside regarding any costs incurred by EPA or any other party relating to the Site. Bayside reserves all defenses and rights available to it under the law.

Please feel free to contact the undersigned if you have any questions regarding Bayside's response to the Request.

Sincerely,

David J. Freeman
of PAUL, HASTINGS, JANOFSKY & WALKER LLP

DJF:ap
Enc.

cc: Mr. Christos Tsiamis
Mr. Sergio Allegretti (with enclosure)
Mr. Vincent Allegretti
Jesse Hiney, Esq.

RESPONSE OF BAYSIDE FUEL OIL CORP.

TO EPA SECTION 104(e) INFORMATION REQUEST

1. General Information About Bayside Fuel Oil Corp. ("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.

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

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

   d. If the 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.

   a. The Company was incorporated in New York on February 1, 1943. The agent for service is:
   Mr. Sergio Allegretti, President.
   Bayside Fuel Oil Corp.
   1776 Shore Parkway
   Brooklyn, NY 11214

   b. Mr. Sergio Allegretti, President.
   Bayside Fuel Oil Corp.
   1776 Shore Parkway
   Brooklyn, NY 11214

   c. The Company acquires and stores refined petroleum for wholesale distribution.

   d. The Company is not a subsidiary, division, or branch of another corporation or other entity. There are a number of corporate entities with respect to which the Company could potentially be deemed an affiliate, but no definition of such term has been supplied by EPA. The Company is prepared to supplement its answer upon receipt from EPA of a definition of this term.

2. Successor-In-Interest

Is the Company a successor-in-interest to an entity, including those identified for your Company in Definition 6? 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:

No. The Company was incorporated pursuant to the laws of New York in 1943. In approximately September 1994, the Company began leasing and operating 503 to 537 Smith Street from 519 Smith Street Bklyn. Corp., and 527 Smith St. Bklyn. Corp., respectively. The lease continued until July 23, 1996 when a subsidiary of the Company, Bayside Fuel Oil Depot Corp., acquired the property and assets of 519 Smith Street Bklyn. Corp., and 527 Smith St. Bklyn. Corp., for the property located at 503-537 Smith Street. 503-537 Smith Street was later transferred to Smith Street Properties, LLC. 510 Sackett Street was purchased from American Consumer's Industries, Inc. located at 375 Park Avenue, New York, NY on March 10, 1965.

3. Operations

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.

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

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

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

Response.

The Company does not own or operate the Facility as identified in the information request and the Company does not perform any manufacturing processes. The addresses listed to describe the Company's Facility are each owned and operated by individual, wholly-owned subsidiaries of Bayside Fuel Oil Depot Corporation, which itself is an individual, wholly-owned subsidiary of the Company. Business operations undertaken by the Facility-owning subsidiaries include the acquisition and storage of refined petroleum products. Petroleum products are brought in by third parties via barge, stored at the Facility and distributed via truck. Specific descriptions are set forth below in response to the multi-part question.

Note for all facility locations; see Exhibit 1 for deed recording the transfer.

1. **Sackett Street Properties, LLC** owns 510 Sackett Street, Brooklyn, NY. This site was operated between 1965 and June 2006. Operations at the site consisted of the storage of petroleum products.

2. **Smith Street Properties, LLC** owns 503-537 Smith Street, Brooklyn, NY. This site has been operated since 1994 and continues to operate. Operations at the site consist of the storage of petroleum products.

3. **Victor Allegretti Credit Shelter Trust, OAA Realty LLC and LAA Realty LLC** currently own 267 Bond Street, Brooklyn, NY. The site was acquired by Victor Allegretti and Alfred Allegretti on September 16, 1984 and was ultimately transferred to the current owners after a series of estate and other transfers on January 19, 2006. This site was leased by the Company and used as office, garage space, meter repair and a truck maintenance station to service distribution trucks. Operations for all activities, except for meter repair, ceased on January 16, 2001 when the business was sold to Petro Inc. In 2001, Bayside Fuel Oil Depot Corporation leased a portion of the property and continued meter repair activities until those activities ceased in October 2008.

4. **OAA Realty LLC and LAA Realty LLC** currently own 495 Sackett Street. This property was acquired by Victor Allegretti and Alfred Allegretti on November 13, 1985 and was ultimately transferred to the current owners after a series of estate and other transfers on January 19, 2006. This site was leased by the Company and operated as an office with truck parking. Operations by the Company ceased on January 16, 2001 when the business was sold to Petro, Inc.

5. **OAA Realty LLC and LAA Realty LLC** currently own 498 Sackett Street. This property was acquired by Victor Allegretti and Alfred Allegretti on May 7, 1985 and sold to the current owners on February 9, 2006. This site was operated as garage space for truck parking and included a truck maintenance station to service distribution trucks. Operations ceased on January 16, 2001 when the business was sold to Petro, Inc.

6. The definition of Facility includes 1327-38 Smith Street, Brooklyn, NY. This site was and is not owned or operated by the Company or any related entity.

4. Hazardous Materials

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.

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.

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.

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.

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

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

Response.

a. See Exhibit 2 attaching the Right to Know filings for the Facility between 1990 and 2008. In addition to the information set forth in the Right to Know Filings, parts cleaner was used as part of truck maintenance activities at 498 Sackett Street and 267 Bond Street. The parts cleaner was in a self-contained drum wash, and all waste product was removed and properly disposed of off-site by Safety Kleen on a regular basis. After diligent search, no records or invoices from Safety Kleen were located.

b. On average, the Smith Street Terminal has moved approximately 30-40 million gallons per year of petroleum products since 1994. The Sacket Street Terminal has been dormant since 2006; however, between 1994 and 2006 the terminal did not move more than 10 million gallons in any single year and averaged distribution of approximately 2 million gallons per year.

c. See response to 3 above and 5 below.

d. Waste oils were generated as part of truck maintenance and stored in waste oil tanks. Used parts cleaner was generated and as part of parts washing activities. The parts cleaner was a self-contained system and used cleaner was removed and properly disposed of off-site by Safety Kleen. Other waste was generated as part of tank cleaning activities performed by third parties. See response to question 10 for further details.

e. See Exhibit 3 (attaching figures).

f. See Exhibit 3.

5. Hazardous Material Disposal

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.

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.

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 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.

a. The Company stored refined petroleum products for wholesale distribution. The only wastes generated were associated with the maintenance of the truck distribution fleet, tank cleaning, and the remediation of impacted soils associated with documented spill incidents. Waste material associated with maintenance of the distribution fleet included waste oil which was stored in a 275 gallon above ground storage tank and picked up and

disposed of by Ace Waste and J&B Waste. After a diligent search, the addresses of these entities could not be definitively located; however, an internet search revealed a JB Waste Oil Co., Inc. located at 1818 41st St, Long Island City, NY and AAA Ace Waste Oil located at 7134 58th Ave., Flushing, NY. Storage tanks were cleaned periodically coinciding with changes in the type of petroleum stored in a particular tank by Petroleum Tank Cleaners. Petroleum Tank Cleaners cleaned the tanks and disposed of any tank residues (Exhibit 4). The address of Petroleum Tank Cleaners is 236 Butler Street, Brooklyn, NY 11217. The attached invoices (Exhibit 4) from Miller Environmental document the proper disposal of petroleum contaminated soil. The address of Miller Environmental Group is 538 Edwards Avenue, Calverton, NY 11933. A drum that that was part of the self-contained parts wash and stored used part cleaner was removed, replaced and properly disposed of off-site by Safety Kleen on a regular basis. After diligent search, no records or invoices from Safety Kleen were located.

b. See response to a. above.

c. (i) through (vi) -- See Exhibit 5, attaching all of the spill reports noted on the NYSDEC spill database that either were identified for a Facility address or identified Bayside Fuel Oil in the spill name. Also see Exhibit 6, attaching all Phase I and Phase II documents in the possession of the Company prepared for the Site.

6. Spill Incidents and Responses

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;

b. How each release occurred;

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

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

e. The amount of each hazardous substance released;

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

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

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

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

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

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

Response.

a. See Exhibits 5 and 6.

b. To the extent known, see Exhibits 5 and 6.

c. See response to 6.b., above.

d. See response to 6.a., above.

e. See response to 6.b., above.

f. See response to 6.b., above.

g. See response to 6.a., above.

h. See response to 6.b., above.

i. See response to 6.a., above.

j. See response to 6.a., above.

k. Vincent Allegretti, Senior Vice President
Bayside Fuel Oil Corp.
1776 Shore Parkway
Brooklyn, NY 11214
Tel: (718) 372-9800

7. Documents Related to Releases, Disposal and Investigation

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;

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; and

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 for all subparts.

After diligent search, the Company has located only the information set forth in Exhibits 4, 5, 6 and 7. The following sources were reviewed or consulted in responding to this request: All potentially relevant files were reviewed for documents responsive to this request. Among the documents reviewed were property deeds, right to know forms, environmental review reports, environmental testing and sampling results, maps/site plans, attorney notes, invoices, press releases regarding brownfields, institutional controls, Superfund, and developments at the property specifically, and general correspondence and legal memoranda regarding all of the above. The documents reviewed by Paul Hastings were provided by the Company and are currently kept at an off-site record storage location. As a means of supplementing this response, the Company has issued FOIL/FOIA requests for the requested documents at the referenced State and Federal agencies.

8. Barge Information.

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

a. The period of barge operations;

b. The location of barge transfers;

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

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

e. What spill prevention controls were utilized; and

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

Response.

a. Barges were used to transport petroleum to the facility at 510 Sackett Street between 1965 and 2006. Barges were used to transport petroleum to the facility at Smith Street from 1994 to present.

b. All barge transfers were conducted at the docks located at the facilites referenced in the response to 8.a., above.

c. Number 2 and Number 6 oil are transferred at 527 Smith Street and number 2 oil, number 4 oil and kerosene were transferred at 510 Sackett Street.

d. No barge cleaning operations were conducted by the Company; all barge cleaning methods were handled by the owner of the barge.

e. All transfers were conducted through above ground pipes with spill catch basins to prevent spillage.

f. To the best knowledge of the Company, no barge-related releases occurred.

9. Generation of Used Oil By Vehicles

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 methods and location of waste oil disposal.

Response.

Fleet vehicles were used at the site and stored at 495 and 498 Sackett Street and 267 Bond Street. The vehicle fleet consisted of approximately 25-30 trucks. The trucks were regularly maintained at 498 Sackett Street and 267 Bond Street. Used oil generated during regular maintenance activities was removed from the vehicles and stored in on-site 275 gallon above ground storage tanks. The contents of the tanks were removed and disposed of on a periodic basis by J&B Waste and Ace Waste. After a diligent search, the addresses of these entities could not be definitively located; however, an internet search revealed a JB Waste Oil Co., Inc. located at 1818 41st St, Long Island City, NY 11105-1025 and AAA Ace Waste Oil located at 7134 58th Ave., Flushing, NY 11378-2601. No used oil was accepted.

10. Tank Cleaning

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.

The company contracted for tank cleaning on a periodic basis coinciding with changes in the type of petroleum stored in a particular tank. Tank cleaning practices were to contract with a third party to pump and clean the tanks and properly dispose of any tank residuals. Exhibit 4 contains invoices from Petroleum Tank Cleaners LTD., documenting the dates and tanks cleaned and volume of materials disposed of.

11. Tank Bottoms

Did your Company's Facility operations generate tank bottoms? If so, describe in detail the Facility's tank bottom management practices during the period of the Facility's operations, including the number of tanks on-site, the volume of tank bottoms generated, how the tank bottoms were removed from tanks, and the method and location of tank bottom disposal.

Response.

To the best of the Company's knowledge, tank bottoms were not generated as part of Facility operations. Tank cleaning occurred as described in response to question 10 above.

12. Discharge Location

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 locations.

Response.

See Exhibit 3.

13. Facility Closure

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.

With the exception of operations conducted at 503 – 537 Smith Street, each of the operations listed in response to question 3., above have ceased. Closure activities at 510 Sackett Street were conducted under the oversight of the EPA. See Exhibit 7 describing closure activities and EPA approval of the closure.

14. Additional Information on PRPs

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.

The Company is not aware of any additional information or documents. If the Company identifies any such documents, they shall be forwarded to supplement this response.

15. Persons with Knowledge

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, addresses, 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.

Vincent Allegretti, Senior Vice President
Bayside Fuel Oil Corp.
1776 Shore Parkway
Brooklyn, NY 11214
Tel: (718) 372-9800

Mr. Allegretti managed operations on-site at the various terminals between 1984 and 1997 before continuing his management position and general oversight of the Company as an executive at the address listed above.

16. Assistance in Preparation

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

Vincent Allegretti, Senior Vice President -- with personal knowledge
Bayside Fuel Oil Corp.
1776 Shore Parkway
Brooklyn, NY 11214
Tel: (718) 372-9800

Jesse Hiney, Esq. -- without personal knowledge
Paul, Hastings, Janofsky & Walker LLP

75 E. 55th Street
New York, NY 10022
Tel: (212-318-6578)

17. Additional Information

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 the inquiry or that may assist EPA in identifying potentially responsible parties under CERCIA with respect to the Site.

Response.

The Company is not aware of any additional information or documents. If the Company identifies any such documents, they shall be forwarded to supplement this response.

EXHIBIT 1

New York City Department of Finance
Office of the City Register

267 Bond ST

HELP
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Current Search Criteria:

Borough: BROOKLYN / KINGS
Block: 424
Lot: 1
Date Range: To Current Date
Document Class: All Document Classes

Search Results By Parcel Identifier

Records 1 - 13 << previous next >> Max Rows 25 [Search Options] [New BBL Search] [Edit Current Search] [View Tax Map] [Print Index]

View	Reel/Pg/File	CRFN	Lot	Partial	Recorded / Filed	Document Type	Pages	Party1	Party2	Party 3/ Other	More Party 1/2 Names	Corrected/ Remarks	Doc Amount
DET IMG		2008000462107	1	ENTIRE LOT	12/3/2008 9:45:41 AM	DEED	4	OAA REALTY LLC	VICTOR ALLEGRETTI CREDIT SHELTER TRUST		✓		0
DET IMG		2006000030533	1	ENTIRE LOT	1/19/2006 8:39:44 AM	DEED	4	VICTOR ALLEGRETTI RESIDUARY TRUST	OAA REALTY LLC		✓		0
DET IMG		2006000030532	1	ENTIRE LOT	1/19/2006 8:39:43 AM	DEED	4	THE ESTATE OF VICTOR ALLEGRETTI	VICTOR ALLEGRETTI RESIDUARY TRUST - GST EXEMPT		✓		0
DET IMG		2006000030531	1	ENTIRE LOT	1/19/2006 8:39:42 AM	DEED	4	VICTOR ALLEGRETTI CREDIT SHELTER TRUST	OAA REALTY LLC		✓		0
DET IMG		2006000030530	1	ENTIRE LOT	1/19/2006 8:39:41 AM	DEED	4	ESTATE OF VICTOR ALLEGRETTI	VICTOR ALLEGRETTI CREDIT SHELTER TRUST		✓		0
DET IMG		2006000030529	1	ENTIRE LOT	1/19/2006 8:39:40 AM	DEED	4	ALFRED ALLEGRETTI BUSINESS ASSET TRUST	LAA REALTY LLC		✓		0
DET IMG	5660/2147		1	ENTIRE LOT	6/7/2002	DEED	3	ALLEGRETTI, ALFRED/LWT	ALLEGRETTI, LINDA/FBO		✓		0
DET IMG	1556/1590		1	ENTIRE LOT	9/28/1984	SATISFACTION OF MORTGAGE	2	CASTRO, ANTHONY	LADON REALTY COMPANY		✓		0
DET IMG	1556/1176		1	ENTIRE LOT	9/28/1984	DEED	3	CASTORO, ANTHONY	ALLEGRETTI, ALFRED		✓		0
	1343/648		1	ENTIRE	10/1/1982	MORTGAGE	5	CASTORO,	LADON REALTY				175,000

DET IMG			LOT					ANTHONY	CORP	✓	
DET IMG	1342/769	1	ENTIRE LOT	9/28/1982	SATISFACTION OF MORTGAGE	2	LADON REALTY COMPANY	KINGS COUNTY TRUST CO		0
DET IMG	1342/526	1	ENTIRE LOT	9/28/1982	DEED	2	LADON REALTY COMPANY	CASTORO, ANTHONY	✓	0
DET IMG	1050/1195	1	ENTIRE LOT	1/31/1979	LEASE	1	LADON RLTY CO	RYDER TRUCK RENTAL INC		0

Search Options | New Parcel Identifier Search | Edit Current Search | View Tax Map

REEL 1556 PAGE 1176

Standard NYBTU Form 8002 2006 – Bargain and Sale Deed with Covenants against Grantor's Acts—Individual or Corporation (single sheet)

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT - THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY

$5
16000

THIS INDENTURE, made the 6th day of September, nineteen hundred and eighty-four

BETWEEN CHRISTOPHER CASTORO and ANTHONY CASTORO

residing at 2545 East 27 Street, Brooklyn, New York 11235,

party of the first part, and VICTOR V. ALLEGRETTI and ALFRED ALLEGRETTI,

residing at 1820 Cropsey Avenue, Brooklyn, New York 11214,

party of the second part,

WITNESSETH, that the party of the first part, in consideration of ten dollars and other valuable consideration paid by the party of the second part, does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,

ALL that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the Borough of Brooklyn, County of Kings, City and State of New York, bounded and described as follows:

BEGINNING at the corner formed by the intersection of the southerly side of DeGraw Street with the easterly side of Bond Street; running thence southerly along the easterly side of Bond Street, 200 feet to the northerly side of Sackett Street; thence easterly along the northerly side of Sackett Street, 175 feet; thence northerly parallel with Bond Street, 100 feet; thence easterly parallel with Sackett Street, 125 feet to the westerly side of Gowanus Canal; thence northerly along the westerly side of Gowanus Canal 100 feet to the southerly side of DeGraw Street; thence westerly along the southerly side of DeGraw Street, 300 feet to the corner, the point or place of BEGINNING.

TOGETHER with all right, title and interest, if any, of the party of the first part in and to any streets and roads abutting the above described premises to the center lines thereof; TOGETHER with the appurtenances and all the estate and rights of the party of the first part in and to said premises; TO HAVE AND TO HOLD the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

AND the party of the first part covenants that the party of the first part has not done or suffered anything whereby the said premises have been encumbered in any way whatever, except as aforesaid.

AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.

The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

IN PRESENCE OF:

Christopher Castoro

Anthony Castoro

[illegible]

THIS INDENTURE [illegible]

BETWEEN [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

WITNESSETH [illegible]

ALL [illegible] Borough of Brooklyn, County of Kings, City and State of New York, bounded and described as follows:

BEGINNING at the corner formed by the intersection of the southerly side of DeGraw Street with the easterly side of Bond Street, running thence southerly along the easterly side of Bond Street [illegible] feet to the northerly side of Sackett Street; thence westerly along the northerly side of Sackett Street, [illegible] feet; thence northerly parallel with Bond Street, [illegible] feet; thence easterly parallel with Sackett Street, [illegible] feet to the westerly side of Gowanus Canal; thence northerly along the westerly side of Gowanus Canal [illegible] feet to the southerly side of DeGraw Street; thence westerly along the southerly side of DeGraw Street, 100 feet to the corner, the point or place of BEGINNING.

TOGETHER with all right, title and interest of any of the parts of the first part in and to any streets and roads abutting the above described premises to the center lines thereof. TOGETHER with the appurtenances and all the estate and rights of the party of the first part in and to said premises. TO HAVE AND TO HOLD the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

AND the party of the first part covenants that the party of the first part has not done or suffered anything whereby the said premises have been encumbered in any way whatever, except as aforesaid.

AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.

The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

IN PRESENCE OF:

[signature]

[signature]
Christopher Castoro

[signature]
Anthony Castoro

STATE OF NEW YORK, COUNTY OF KINGS SS:

On the 6th day of September 19 84 before me personally came

CHRISTOPHER CASTORO and ANTHONY CASTORO,

to me known to be the individual s described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Terry Lichtash

TERRY LICHTASH
Notary Public, State of New York
No. 24-7542850 Qual. in Kings County
Commission Expires March 30, 19 86

STATE OF NEW YORK, COUNTY OF SS:

On the day of 19 , before me personally came

to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that executed the same.

STATE OF NEW YORK, COUNTY OF SS:

On the day of 19 , before me personally came
to me known, who, being by me duly sworn, did depose and say that he resides at No. ;

that he is the
of , the corporation described in and which executed the foregoing instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the board of directors of said corporation, and that he signed h name thereto by like order.

STATE OF NEW YORK, COUNTY OF SS:

On the day of 19 , before me personally came
the subscribing witness to the foregoing instrument, with whom I am personally acquainted, who, being by me duly sworn, did depose and say that he resides at No. ;

that he knows to be the individual described in and who executed the foregoing instrument; that he, said subscribing witness, was present and saw execute the same; and that he, said witness, at the same time subscribed h name as witness thereto.

Bargain and Sale Deed

WITH COVENANT AGAINST GRANTOR'S ACTS

TITLE NO. 315 K-0319

38859

CHRISTOPHER CASTORO and ANTHONY CASTORO

TO

VICTOR V. ALLEGRETTI and ALFRED ALLEGRETTI

STANDARD FORM OF NEW YORK BOARD OF TITLE UNDERWRITERS

PRINCIPLE ASSOCIATES, INC.
44 COURT STREET-SUITE 1209
BROOKLYN, NEW YORK 11201
(212) 625-8500

SECTION 2
BLOCK 424
LOT 1
COUNTY OR TOWN Kings County

Recorded at Request of
CHICAGO TITLE INSURANCE COMPANY

Return by Mail to

ALFRED POLIZZOTTO, ESQ.
6911- 18th Avenue
B'klyn, N.Y. 11204
Zip No.

RESERVE THIS SPACE FOR USE OF RECORDING OFFICE

Comp

OFFICE OF CITY REGISTER
Kings County
RECORDED
Witness my hand
and official seal

Jay E. Blumfeld
CITY REGISTER

RECEIVED
$ 1600
REAL ESTATE
SEP 28 1984
TRANSFER TAX
KINGS
COUNTY
3489

REC. FEE 412
SST 1600
RI 15646

New York City Department of Finance
Office of the City Register

HELP
[Click help for additional instructions]
Selecting a help option will open new window

495 Sackett St

Current Search Criteria:

Borough: BROOKLYN / KINGS
Block: 424
Lot: 20
Date Range: To Current Date
Document Class: All Document Classes

Search Results By Parcel Identifier

Records 1 - 6 << previous next >> Max Rows 10 [Search Options] [New BBL Search] [Edit Current Search] [View Tax Map]
[Print Index]

View	Reel/Pg/File	CRFN	Lot	Partial	Recorded / Filed	Document Type	Pages	Party1	Party2	Party 3/ Other	More Party 1/2 Names	Corrected/ Remarks	Doc Amount
DET IMG		2006000030522	20	ENTIRE LOT	1/19/2006 8:38:57 AM	DEED	4	ALFRED ALLEGRETTI BUSINESS ASSET TRUST	LAA REALTY LLC		✓		0
DET IMG		2006000030521	20	ENTIRE LOT	1/19/2006 8:38:56 AM	DEED	4	VICTOR ALLEGRETTI RESIDUARY TRUST-GST EXEMPT	OAA REALTY LLC		✓		0
DET IMG		2006000030520	20	ENTIRE LOT	1/19/2006 8:38:55 AM	DEED	4	ESTATE OF VICTOR ALLEGRETTI	VICTOR ALLEGRETTI RESIDUARY TRUST-GST EXEMPT		✓		0
DET IMG	5660/2153		20	ENTIRE LOT	6/7/2002	DEED	3	ALLEGRETTI, ALFRED/LWT	ALLEGRETTI, LINDA/FBO		✓		0
DET IMG	1721/1609		20	ENTIRE LOT	11/13/1985	SATISFACTION OF MORTGAGE	2	PREMIUM COAL &OIL COINC	JULIANSONS REALTY COINC				0
DET IMG	1721/261		20	ENTIRE LOT	11/13/1985	DEED	2	NORTHVILLE INDUSTRIES CP	ALLEGRETTI, ALFRED		✓		0

Search Options | New Parcel Identifier Search | Edit Current Search | View Tax Map

T 689

DATE 1988

JULIUS BLUMBERG, INC., LAW BLANK PUBLISHERS
80 EXCHANGE PL. AT BROADWAY, N. Y. C. 10004

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT—THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY.

REEL 1721 PAGE 261

THIS INDENTURE, made the 29th day of October , nineteen hundred and eighty-five

BETWEEN NORTHVILLE INDUSTRIES CORP., a New York corporation formerly known as Premium Coal & Oil Co., Inc. with offices at 35 Pinelawn Road, Melville, New York 11747

party of the first part, and VICTOR ALLEGRETTI and ALFRED ALLEGRETTI of 1820 Cropsey Avenue, Brooklyn, New York 11214

party of the second part,

WITNESSETH, that the party of the first part, in consideration of ten dollars and other valuable consideration paid by the party of the second part, does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,

ALL that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the Borough and County of Kings, City and State of New York bounded and described as follows:

BEGINNING at a point on the northeasterly side of Sackett Street 175 feet southeasterly from the northeasterly corner of Bond and Sackett Streets;

RUNNING THENCE northeasterly parallel with Bond Street 100 feet;

THENCE southeasterly parallel with Sackett Street 125 feet to the northwesterly side of Gowanus Canal;

THENCE southwesterly along the northwesterly side of Gowanus Canal 100 feet to the northeasterly side of Sackett Street;

THENCE northwesterly along the northeasterly side of Sackett Street 125 feet to the point or place of BEGINNING.

$300.-

2 Vol 3
484
20

TOGETHER with all right, title and interest, if any, of the party of the first part in and to any streets and roads abutting the above described premises to the center lines thereof; **TOGETHER** with the appurtenances and all the estate and rights of the party of the first part in and to said premises; **TO HAVE AND TO HOLD** the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.

The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

IN PRESENCE OF:

Carolyn Pepe

NORTHVILLE INDUSTRIES CORP.
formerly known as
Premium Coal & Oil Co., Inc.

By: _____

Title: Senior Vice President

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19 , before me personally came

to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that executed the same.

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19 , before me personally came

to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that executed the same.

REEL 1721 PAGE 262

STATE OF NEW YORK, COUNTY OF SUFFOLK ss:

On the 29th day of October 1985, before me personally came Julian H. Bernstein to me known, who, being by me duly sworn, did depose and say that he resides at No. 35 Pinelawn Road Melville, New York ; that he is the Senior Vice President of Northville Industries Corp., the corporation described in and which executed the foregoing instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the board of directors of said corporation, and that he signed h signature thereto by like order.

Carolyn Pepe

CAROLYN PEPE
Notary Public, State of New York
No. [illegible]
Qualified in [illegible] County
Commission Expires March 30, 1986

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19 , before me personally came

the subscribing witness to the foregoing instrument, with whom I am personally acquainted, who, being by me duly sworn, did depose and say that he resides at No. ; that he knows to be the individual described in and who executed the foregoing instrument; that he, said subscribing witness, was present and saw execute the same; and that he, said witness, at the same time subscribed h name as witness thereto.

Title No. #530498K

NORTHVILLE INDUSTRIES CORP.

TO

VINCENT ALLEGRETTI
and
ALFRED ALLEGRETTI

51120

SECTION 2 Loc 3
BLOCK 424
LOT 20
COUNTY OR TOWN Kings
495 Sackett Street

RECORD AND RETURN TO:

Ridge Abstract Corp.
189 MONTAGUE STREET
Brooklyn, New York 11201
REPRESENTING
Commonwealth Land Title Insurance Co.

Reserve this space for use of Recording Office.

OFFICE OF CITY REGISTER
Kings County
RECORDED
Witness my hand
and official seal.
CITY REGISTER

RECEIVED
$100
REAL ESTATE
NOV 1 1985
TRANSFER TAX
KINGS
COUNTY
6405

REC. FEE A12
819396

New York City Department of Finance
Office of the City Register

HELP
[Click help for additional instructions]
Selecting a help option will open new window

498 Sackett St

Current Search Criteria:

Borough: BROOKLYN / KINGS
Block: 431
Lot: 12
Date Range: To Current Date
Document Class: All Document Classes

Search Results By Parcel Identifier

Records 1 - 6 << previous next >> Max Rows 10 [Search Options] [New BBL Search] [Edit Current Search] [View Tax Map]
[Print Index]

View	Reel/Pg/File	CRFN	Lot	Partial	Recorded / Filed	Document Type	Pages	Party1	Party2	Party 3/ Other	More Party 1/2 Names	Corrected/ Remarks	Doc Amount
DET IMG		2006000078451	12	ENTIRE LOT	2/9/2006 11:34:00 AM	DEED	4	VICTOR ALLEGRETTI RESIDUARY TRUST-GST TRUST	OAA REALTY LLC		✓		0
DET IMG		2006000078450	12	ENTIRE LOT	2/9/2006 11:33:59 AM	DEED	4	ESTATE OF VICTOR ALLEGRETTI	VICTOR ALLEGRETTI RESIDUARY TRUST - GST EXEMPT		✓		0
DET IMG		2006000078449	12	ENTIRE LOT	2/9/2006 11:33:58 AM	DEED	4	ALFRED ALLEGRETTI BUSINESS ASSET TRUST	LAA REALTY LLC		✓		0
DET IMG	5660/2175		12	ENTIRE LOT	6/7/2002	DEED	3	ALLEGRETTI, ALFRED/LWT	ALLEGRETTI, LINDA/FBO		✓		0
DET IMG	1639/1995		12	ENTIRE LOT	5/7/1985	DEED	2	VINCY RLTY CORP	ALLEGRETTI, ALFRED		✓		0
DET IMG	351/767		12	ENTIRE LOT	7/31/1969	MORTGAGE	4	VINCY REALTY CORPN	HAMBURG SAVS BANK				0

Search Options | New Parcel Identifier Search | Edit Current Search | View Tax Map

WCB3

Standard N Y B T U Form 8001 —Bargain and Sale Deed, without Covenant against Grantor's Acts—Individual or Corporation (Single Sheet)

REEL 1639 PAGE 1995

660.

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT—THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY.

THIS INDENTURE, made the 30th day of April, nineteen hundred and eighty-five,

BETWEEN

VINCY REALTY CORPORATION, a domestic corporation having its office and principal place of business at 497 Union Street, Brooklyn, New York,

party of the first part, and

ALFRED ALLEGRETTI and VICTOR ALLEGRETTI both residing at 510 Sackett Street, Brooklyn, New York,

party of the second part,

WITNESSETH, that the party of the first part, in consideration of ten dollars and other valuable consideration paid by the party of the second part, does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,

ALL that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the Borough of Brooklyn, County of Kings, City and State of New York, bounded and described as follows:

BEGINNING at a point on the southerly side of Sackett Street, distant 62 feet 10 inches easterly from the intersection of the easterly side of Bond Street and the southerly side of Sackett Street; running thence Easterly along the southerly side of Sackett Street, 88 feet 2 inches; thence Southerly, parallel with the easterly side of Bond Street, 100 feet 10 inches; thence Westerly, along a line having an interior angle of 89 degrees 20 minutes 02 seconds with the last mentioned course, 76 feet; thence Southerly, along a line having an exterior angle of 89 degrees 25 minutes 04 seconds with the last mentioned course, 4 inches; thence Westerly, along a line parallel with Sackett Street, 12 feet 10 inches; thence Northerly 100 feet 1/8 of an inch to the southerly side of Sackett Street, the point or place of BEGINNING.

Being the same premises which were conveyed to the party of the first part by deed dated 4/11/44, recorded 4/13/44 in Liber 6501, cp. 288.

TOGETHER with all right, title and interest, if any, of the party of the first part in and to any streets and roads abutting the above described premises to the center lines thereof; **TOGETHER** with the appurtenances and all the estate and rights of the party of the first part in and to said premises; **TO HAVE AND TO HOLD** the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.

The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

IN PRESENCE OF:

VINCY REALTY CORPORATION

By: [signature]

STATE OF NEW YORK, COUNTY OF ss

On the day of 19 , before me personally came

to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that executed the same.

STATE OF NEW YORK, COUNTY OF ss

On the day of 19 , before me personally came

REEL 1639 PAGE 1996

to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that executed the same.

[illegible]	B-04	DEED	037303
	PAID	DEED	$12.00
[illegible]	B-04	SST	037304
	PAID	SST	$660.00

STATE OF NEW YORK, COUNTY OF Kings ss

On the 30th day of April, 1985 , before me personally came CARL SORANNO to me known, who, being by me duly sworn, did depose and say that he resides at No. 9101 Shore Rd., Brooklyn, New York, 11209, ; that he is the President of Vincy Realty Corporation , the corporation described in and which executed the foregoing instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the board of directors of said corporation, and that he signed h i name thereto by the order.

[illegible]

Notary [illegible] of New York

Qualified in New York County

Commission Expires March 30, [illegible]

STATE OF NEW YORK, COUNTY OF ss

On the day of 19 , before me personally came

the subscribing witness to the foregoing instrument, with whom I am personally acquainted, who, being by me duly sworn, did depose and say that he resides at No. ;

that he knows

to be the individual described in and who executed the foregoing instrument; that he, said subscribing witness, was present and saw execute the same; and that he, said witness, at the same time subscribed h name as witness thereto.

[illegible]	B-04	CANFF	037305
	PAID	CANFF	$1.00

Bargain and Sale Deed

WITHOUT COVENANT AGAINST GRANTOR'S ACTS

TITLE NO. T 14 8500 408

VINCY REALTY CORPORATION

TO

BAYSIDE FUEL OIL DEPOT CORP.

19982

SECTION 2.

BLOCK 431

LOT 12

COUNTY OR TOWN Kings

STANDARD FORM OF NEW YORK BOARD OF TITLE UNDERWRITERS

Distributed by

First American Title Insurance Company of New York

Recorded At Request of

First American Title Insurance Company of New York

RETURN BY MAIL TO:

ALFRED POLIZZOTTO, ESQ.
6911 -18th Ave.
Brooklyn,N.Y., 11204

Zip No

TICOR TITLE GUARANTEE
120 BROADWAY 16
N.Y.C. 10271

RESERVE THIS SPACE FOR USE OF RECORDING OFFICE

Comp Ry

1985 MAY -7 PM 3:31

OFFICE OF CITY REGISTER
Kings County
RECORDED
Witness my hand
and official seal

Jay E. Greenfield
CITY REGISTER

RECORDED
$ 660.-
REAL ESTATE
MAY 07 1985
TRANSFER TAX
KINGS
COUNTY

REC. FEE 4.12
SST & 6.66
RIT # 007674

Y1

New York City Department of Finance
Office of the City Register

510 Sackett ST

HELP
[Click help for additional instructions]
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Current Search Criteria:

Borough: BROOKLYN / KINGS
Block: 431
Lot: 17
Date Range: To Current Date
Document Class: All Document Classes

Search Results By Parcel Identifier

Records 1 - 3 << previous next >> Max Rows 10 [Search Options] [New BBL Search] [Edit Current Search] [View Tax Map]
[Print Index]

View	Reel/Pg/File	CRFN	Lot	Partial	Recorded / Filed	Document Type	Pages	Party1	Party2	Party 3/ Other	More Party 1/2 Names	Corrected/ Remarks	Doc Amount
DET IMG		2008000044328	17	PARTIAL LOT	2/1/2008 9:42:11 AM	INITIAL UCC1	4	SACKETT STREET PROPERTIES, LLC	SIGNATURE BANK, AS AGENT				0
DET IMG	5588/327		17	ENTIRE LOT	4/26/2002	DEED	3	BAYSIDE FUEL OIL DEPOT CORP	SACKETT STREET PROPERTIES LLC				0
DET IMG	534/433		17	ENTIRE LOT	9/25/1967	DEED	2	ALLEGRETTI SERGIO	BAYSIDE FUEL OIL DEPOT CORP				0

Search Options | New Parcel Identifier Search | Edit Current Search | View Tax Map

Standard N.Y.B.T.U. Form 8002—Bond—Bargain and Sale Deed with Covenant against Grantor's Acts—Individual or Corporation (single sheet)

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT—THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY.

No 29a

THIS INDENTURE, made the 13th day of October , nineteen hundred and 65.

BETWEEN

SERGIO ALLEGRETTI,
residing at 8310 - 17th Avenue
Brooklyn, New York

BL 431

party of the first part, and

LOT 17

BAYSIDE FUEL OIL DEPOT CORP., whose principal place of business is located at, 510 Sackett Street, Brooklyn 31, N.Y.

party of the second part,

WITNESSETH, that the party of the first part, in consideration of Ten Dollars and other valuable consideration paid by the party of the second part, does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,

ALL that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the Borough of Brooklyn, County of Kings, City and State of New York, bounded and described as follows:

BEGINNING at a point on the southerly side of Sackett Street, distant 151 feet easterly from the corner formed by the intersection of the southerly side of Sackett Street and the easterly side of Bond Street; thence southerly and parallel with Bond Street, 200 feet to the northerly side of Union Street; thence easterly along the northerly side of Union Street and parallel with Sackett Street, 149 feet more or less to the westerly side of Gowanus Canal; thence northerly along the westerly side of Gowanus Canal, 200 feet to the southerly side of Sackett Street; thence westerly along the southerly side of Sackett Street, 149 feet mor or less to the point or place of beginning.

BEING same premises described in deed made by Supreme Oil Terminal Corporation to American Ice Company, a New Jersey Corporation, dated June 1st, 1954, recorded June 4th, 1954 in Liber 8242 CP. 197.

TOGETHER with all right, title and interest, if any, of the party of the first part of, in and to any streets and roads abutting the above-described premises to the center lines thereof; TOGETHER with the appurtenances and all the estate and rights of the party of the first part in and to said premises; TO HAVE AND TO HOLD the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

AND the party of the first part covenants that the party of the first part has not done or suffered anything whereby the said premises have been encumbered in any way whatever, except as aforesaid.

AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.

The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

IN PRESENCE OF:

x Sergio Allegretti

REC. 534 PAGE 434

STATE OF NEW YORK, COUNTY OF Kings SS:

On the 13th day of October 1965, before me personally came

SERGIO ALLEGRETTI

to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that executed the same.

Victor Allegretti

VICTOR ALLEGRETTI
Notary Public, State of New York
No. 24-[illegible]
Qualified in [illegible] County
Certificate [illegible] Reg. Off.
Commission Expires March 30, 1966

STATE OF NEW YORK, COUNTY OF SS

On the day of 19 , before me personally came

to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that executed the same.

STATE OF NEW YORK, COUNTY OF SS:

On the day of 19 , before me personally came
to me known, who, being by me duly sworn, did depose and say that he resides at No. ;

that he is the
of , the corporation described in and which executed the foregoing instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the board of directors of said corporation, and that he signed h name thereto by like order.

STATE OF NEW YORK, COUNTY OF SS.

On the day of 19 , before me personally came
the subscribing witness to the foregoing instrument, with whom I am personally acquainted, who, being by me duly sworn, did depose and say that he resides at No. ;

that he knows

to be the individual described in and who executed the foregoing instrument; that he, said subscribing witness, was present and saw execute the same; and that he, said witness, at the same time subscribed h name as witness thereto.

TITLE No. 35404

SERGIO ALLEGRETTI

TO

BAYSIDE FUEL OIL DEPOT CORP.

[illegible] SUBJECT TO MORTGAGE TAX

Bargain and Sale Deed

WITH COVENANT AGAINST GRANTOR'S ACTS

The land affected by the within instrument lies in Section 2 in Block 431 on the [illegible] Map of the County of Kings, Lot 17.

RECORDED AT REQUEST OF

ALFRED POLIZZOTTO
6911 - 18th Avenue
Brooklyn, N. Y. 11204

STANDARD FORM OF
NEW YORK BOARD OF TITLE UNDERWRITERS
Distributed by
AMERICAN TITLE INSURANCE COMPANY
GUARANTEED TITLE DIVISION

AMERICAN TITLE INSURANCE COMPANY
GUARANTEED TITLE DIVISION

RESERVE THIS SPACE FOR USE OF RECORDING OFFICE

1967 SEP 25 PM 2:25

SEP-25-67 130248 A — LST

RETURN TO

OFFICE OF CITY REGISTER
Kings County
RECORDED
Witness of Seal
and official seal

CITY REGISTER

New York City Department of Finance
Office of the City Register

503 Smith St

HELP
[Click help for additional instructions]
Selecting a help option will open new window

Current Search Criteria:

Borough: BROOKLYN / KINGS
Block: 480
Lot: 8
Date Range: To Current Date
Document Class: All Document Classes

Search Results By Parcel Identifier

Records 1 - 32 << previous next >> Max Rows 99 [Search Options] [New BBL Search] [Edit Current Search] [View Tax Map] [Print Index]

View	Reel/Pg/File	CRFN	Lot	Partial	Recorded / Filed	Document Type	Pages	Party1	Party2	Party 3/ Other	More Party 1/2 Names	Corrected/ Remarks	Doc Amount
DET IMG		2008000044294	8	PARTIAL LOT	2/1/2008 9:39:45 AM	INITIAL UCC1	4	SMITH STREET PROPERTIES, LLC	SIGNATURE BANK, AS AGENT				0
DET IMG	5588/299		8	ENTIRE LOT	4/26/2002	DEED	3	BAYSIDE FUEL OIL DEPOT CORP	SMITH STREET PROPERTIES LLC				0
DET IMG	99PK07265		8	ENTIRE LOT	5/19/1999	UCC3 AMENDMENT	5	CIBRO TERMINALS, INC	THE CIT GROUP/BUSINESS CREDIT, INC				0
DET IMG	97PK12059		8	ENTIRE LOT	9/10/1997	UCC3 CONTINUATION	1	CIBRO TERMINALS, INC	THE CIT GROUP/BUSINESS CREDIT, INC				0
DET IMG	3757/2429		8	ENTIRE LOT	8/5/1996	DEED	3	519 SMITH STREET BKLYN CORP	BAYSIDE FUEL OIL DEPOT CORP				0
DET IMG	96PK07612		8	ENTIRE LOT	6/10/1996	UCC3 CONTINUATION	1	CIBRO PETROLEUM BKLYN	CIT GROUP BUSINESS				0
DET IMG	3491/1804		8	ENTIRE LOT	4/4/1995	MORTGAGE	7	BAYSIDE FUEL OIL DEPOT CORP	519 SMITH ST BKLYN CORP				1
DET IMG	3491/1797		8	ENTIRE LOT	4/4/1995	MORTGAGE	7	BAYSIDE FUEL OIL DEPOT CORP	527 SMITH ST BKLYN CORP				1
DET IMG	3464/953		8	ENTIRE LOT	2/14/1995	MORTGAGE	15	519 SMITH ST BKLYN CORP	BAYSIDE FUEL OIL DEPOT CORP				499,000
DET IMG	3327/1693		8	ENTIRE LOT	7/1/1994	DEED	3	JACON REALTY INC	519 SMITH ST BKLYN CORP				0
DET IMG	92PK16069		8	ENTIRE LOT	10/13/1992	UCC3 CONTINUATION	3	CIBRO TERMINALS, INC	THE CIT GROUP/BUSINESS CREDIT, INC				0
DET IMG	91PK14467		8	ENTIRE LOT	10/16/1991	INITIAL UCC1	2	JACON REALTY INC	CIT GROUP BUSINESS				0
	91PK14466		8	ENTIRE	10/16/1991	INITIAL UCC1	2	CIBRO PETROLEUM	CIT GROUP				0

DET IMG			LOT					BKLYN	BUSINESS		
DET IMG	2155/1220	8	ENTIRE LOT	1/13/1988	SATISFACTION OF MORTGAGE	4	FORSEE REALTY CORP	CONGRESS FINANCIAL CORP	✓		0
DET IMG	2155/578	8	ENTIRE LOT	1/13/1988	MORTGAGE	42	JACON REALTY INC	CIT GROUP BUSINESS CREDI			50,000
DET	88PK00265	8	ENTIRE LOT	1/6/1988	INITIAL UCC1	0	CIBRO TERMINALS, INC	THE CIT GROUP/BUSINESS CREDIT, INC			0
DET	8803/52	8	ENTIRE LOT	1/6/1988	UNIFORM COMMERCIAL CODE 3	0	JACON REALTY INC	CONGRESS FINANCIAL CORP			0
DET	8803/51	8	ENTIRE LOT	1/6/1988	UNIFORM COMMERCIAL CODE 3	0	CIBRO GASOLINE CORP	CONGRESS FINANCIAL CORP			0
DET	8801/265	8	ENTIRE LOT	1/6/1988	UNIFORM COMMERCIAL CODE 1	0	CIBRO TERMINALS, INC	CIT GROUP/BUS CREDITINC			0
DET	8703/4263	8	ENTIRE LOT	12/30/1987	UNIFORM COMMERCIAL CODE 3	0	CIBRO PETROLEUM/BKLYN IN	MANUFACTURERS HAN TRCO			0
DET	8702/4241	8	ENTIRE LOT	12/30/1987	UNIFORM COMMERCIAL CODE 3	0	CIBRO PETROLEUM/BKLYN IN	MANUFACTURERS HAN TRCO			0
DET	8601/3523	8	ENTIRE LOT	2/28/1986	UNIFORM COMMERCIAL CODE 1	0	CIBRO GASOLINE CORP	CONGRESS FINANCIAL CORP			0
DET	8503/19989	8	ENTIRE LOT	12/31/1985	UNIFORM COMMERCIAL CODE 3	0	C & J CIRILLO CORP	MANUFACTURERS HANOVER TR			0
DET	8501/19986	8	ENTIRE LOT	12/31/1985	UNIFORM COMMERCIAL CODE 1	0	CIBRO PETROLEUM/BKLYN IN	MANUFACTURERS HANOVER TR			0
DET	8501/19984	8	ENTIRE LOT	12/31/1985	UNIFORM COMMERCIAL CODE 1	0	JACON REALTY INC	CONGRESS FINANCIAL CORP			0
DET	1745/701	8	ENTIRE LOT	12/31/1985	MORTGAGE	0	FORSEE REALTY CORP	CONGRESS FINANCIAL CORP	✓		7,500,000
DET	8403/84	8	ENTIRE LOT	1/4/1984	UNIFORM COMMERCIAL CODE 3	0	CIBRO PETROLEUM/BKLYN IN				0
DET	8201/11404	8	ENTIRE LOT	11/26/1982	UNIFORM COMMERCIAL CODE 1	0	C&J CIRILLO CORP				0
DET	8201/11403	8	ENTIRE LOT	11/26/1982	UNIFORM COMMERCIAL CODE 1	0	CIBRO PETROLEUM BKLYN				0
DET IMG	1355/1139	8	ENTIRE LOT	11/26/1982	MORTGAGE	19	C&J CIRILLO CORP	CIBRO PETROLEUM/BKLYN			1,750
DET IMG	701/495	8	ENTIRE LOT	4/3/1974	SUNDRY AGREEMENT	11	JACON RLTY INC		✓		0
	84/121	8	ENTIRE LOT	3/28/1966	ASSIGNMENT, MORTGAGE	17	CITY OF NEW YORK	NEW YORK CITY EMPLOYEES	✓		0

DET | IMG

RETIREMENT SYSTEM

Search Options | New Parcel Identifier Search | Edit Current Search | View Tax Map

PF-29 (11/85) - Bargain and Sale Deed, with Covenant against Grantor's Acts - Individual or Corporation (Single Sheet)

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT—THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY.

This Indenture, made the 23rd day of July nineteen hundred and ninety-six

Between 519 SMITH STREET BKLYN. CORP., a domestic corporation, with offices located at 519 Smith Street, Brooklyn, N.Y.

party of the first part, and

BAYSIDE FUEL OIL DEPOT CORP., a domestic corporation, with offices located at 1810 Shore Parkway, Brooklyn, New York

party of the second part.

RECD 375 PG 2326

Witnesseth, that the party of the first part, in consideration of Ten Dollars and other valuable consideration paid by the party of the second part, does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

All that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the Borough of Brooklyn, County of Kings, City and State of New York, bounded and described as follows:

BEGINNING at the corner formed by the intersection of the southerly side of West 9th Street with the easterly side of Smith Street; running thence southerly along the easterly side of Smith Street, 252 feet 6½ inches to a point distant 175 feet north of former Centre Street; thence easterly at right angles to Smith Street, 294 feet 11 inches to the westerly side of Gowanus Canal; thence northerly along the westerly side of Gowanus Canal, 119 feet 1 inch; thence westerly parallel with West 9th Street, 50 feet; thence northerly parallel with the westerly side of Gowanus Canal, 65 feet to the southerly side of West 9th Street; thence westerly along the southerly side of West 9th Street, 291 feet 10 inchest to the corner, the point or place of BEGINNING.

SAID PREMISES being known as and by the street number 519 Smith Street, Brooklyn, New York.

That the Grantee herein is also the holder of an existing mortgage of record and the existence of said mortgage shall not merge with this deed.

This conveyance has been made with the consent of the holders of at least two-thirds of the outstanding shares of the party of the first part entitled to vote thereon obtained at a meeting duly called.

Together with all right, title and interest, if any, of the party of the first part in and to any streets and roads abutting the above described premises to the center lines thereof; Together with the appurtenances and all the estate and rights of the party of the first part in and to said premises; To Have And To Hold the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.
And the party of the first part covenants that the party of the first part has not done or suffered anything whereby the said premises have been encumbered in any way whatever, except as aforesaid.
And the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.
The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.
In Witness Whereof, the party of the first part has duly executed this deed the day and year first above written.

IN PRESENCE OF:

519 SMITH STREET BKLYN. CORP.

By: Michael Taormina
Michael Taormina, Pres.

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19 , before me personally came

to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that executed the same.

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19 , before me personally came

to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that executed the same.

STATE OF NEW YORK, COUNTY OF Kings ss:

On the 23rd day of July 1996, before me personally came Michael Taormina
to me known, who, being by me duly sworn, did depose and say that he resides at No. 7 Peachtree Court, Hawthorne, NJ
that he is the President
of 519 Smith Street Bklyn. Corp.
, the corporation described in and which executed the foregoing instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the board of directors of said corporation, and that he signed his name thereto by like order.

BRETT P. HERMAN, ESQ.
NOTARY PUBLIC, STATE OF NEW YORK
NO. 02HE5022550
QUALIFIED IN KINGS COUNTY
COMMISSION EXPIRES JAN. 24, 19 98

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19 , before me personally came
the subscribing witness to the foregoing instrument, with whom I am personally acquainted, who, being by me duly sworn, did depose and say that he resides at No.
; that he knows to be the individual described in and who executed the foregoing instrument; that he, said subscribing witness, was present and saw

execute the same; and that he, said witness, at the same time subscribed h name as witness thereto.

Bargain and Sale Deed

With Covenant Against Grantor's Acts

Title No. L239500-KA

519 SMITH STREET BKLYN. CORP.

TO

BAYSIDE FUEL OIL DEPOT CORP.

SECTION	2
BLOCK	480
LOT	8
CITY OR TOWN	New York
COUNTY	Kings

RETURN BY MAIL TO:

POLIZZOTTO & POLIZZOTTO ESQS.
6911 18th Avenue
Brooklyn, N.Y. 11204
Zip No.

Distributed by

Nations Title Insurance of New York Inc.

RESERVE THIS SPACE FOR USE OF RECORDING OFFICE

CITY REGISTER RECORDING AND ENDORSEMENT PAGE

- KINGS COUNTY -

REEL 3757 PG 2431

(This page forms part of the instrument)

Block(s) 480

Lot(s) 8

Record & Return to: Palizzotto & Palizzotto 6911 18th Avenue Brooklyn N.Y. 11204

Title/Agent Company name: Ridge

Title Company number: LD3 9500K

OFFICE USE ONLY - DO NOT WRITE BELOW THIS LINE

THE FOREGOING INSTRUMENT WAS ENDORSED FOR THE RECORD AS FOLLOWS:

Examined by (✓): ✓

City Register Serial Number ➡ 42956

Mtge Tax Serial No.	
Mtge Amount	$
Taxable Amount	$
Exemption (✓)	YES ☐ NO ☐
Type: CIRCLE ONE (✓)	[339EE] [255] [OTHER ___]
Dwelling Type: CIRCLE ONE (✓)	[1 to 2] [3] [4 to 6] [OVER 6]
TAX RECEIVED ON ABOVE MORTGAGE ▼	
County (basic)	$
City (Addt'l)	$
Spec Addt'l	$
TASF	$
MTA	$
NYCTA	$
TOTAL TAX	$
Apportionment Mortgage (✓)	YES ☐ NO ☐

Joy A. Bobrow, City Register

Indexed By (✓): ___

Verified By (✓): ___

Block(s) and Lot(s) verified by (✓): ___

Address ☑ Tax Map ☐

Extra Block(s) ___ Lot(s) ___

Recording Fee A	$32
Affidavit Fee (C)	$
TP-584/582 Fee (Y)	$ 1
RPTT Fee (R)	$25
HPD-A ☐	HPD-C ☐

New York State Real Estate Transfer Tax ▼

$ 2500

Serial Number ➡ 000081

New York City Real Property Transfer Tax Serial Number ➡ 11793

New York State Gains Tax Serial Number ➡

08-05-96

BK02 CANFF 319490 PAID CANFF $1.00

BK02 DEED 319489 PAID DEED $32.00

96-

RECORDED IN KINGS COUNTY
OFFICE OF THE CITY REGISTER

1996

Witness My Hand and Official Seal

Joy A. Bobrow

City Register

ORGFMSSK.BPG 1/93

48-H-003

New York City Department of Finance
Office of the City Register

527 Smith ST

HELP
[Click help for additional instructions]
Selecting a help option will open new window

Search Results By Parcel Identifier

Current Search Criteria:

Borough: BROOKLYN / KINGS
Block: 480
Lot: 1
Date Range: To Current Date
Document Class: All Document Classes

Records 1 - 32 << previous next >> Max Rows 99 [Search Options] [New BBL Search] [Edit Current Search] [View Tax Map]
[Print Index]

View	Reel/Pg/File	CRFN	Lot	Partial	Recorded / Filed	Document Type	Pages	Party1	Party2	Party 3/ Other	More Party 1/2 Names	Corrected/ Remarks	Doc Amount
DET IMG		2008000044294	1	PARTIAL LOT	2/1/2008 9:39:45 AM	INITIAL UCC1	4	SMITH STREET PROPERTIES, LLC	SIGNATURE BANK, AS AGENT				0
DET IMG	5618/539		1	ENTIRE LOT	5/14/2002	DEED	3	BAYSIDE FUEL OIL DEPOT CORP	SMITH STREET PROPERTIES LLC				0
DET IMG	97PK12057		1	ENTIRE LOT	9/10/1997	UCC3 CONTINUATION	1	CIBRO PETROLEUM/BKLYN INC	THE CIT GROUP/BUSINESS CREDIT, INC				0
DET IMG	3757/2426		1	ENTIRE LOT	8/5/1996	DEED	3	527 SMITH ST BKLYN CORP	BAYSIDE FUEL OIL DEPOT CORP				0
DET IMG	96PK07615		1	ENTIRE LOT	6/10/1996	UCC3 CONTINUATION	1	CIBRO TERMINAL INC	CIT GROUP BUSINESS				0
DET IMG	96PK07613		1	ENTIRE LOT	6/10/1996	UCC3 CONTINUATION	1	C&J CIRILLO CORP	CIT GROUP BUSINESS				0
DET IMG	3491/1804		1	ENTIRE LOT	4/4/1995	MORTGAGE	7	BAYSIDE FUEL OIL DEPOT CORP	519 SMITH ST BKLYN CORP				1
DET IMG	3491/1797		1	ENTIRE LOT	4/4/1995	MORTGAGE	7	BAYSIDE FUEL OIL DEPOT CORP	527 SMITH ST BKLYN CORP				1
DET IMG	3464/938		1	ENTIRE LOT	2/14/1995	MORTGAGE	16	527 SMITH ST BKLYN CORP	BAYSIDE FUEL OIL DEPOT CORP				499,000
DET IMG	3327/1690		1	ENTIRE LOT	7/1/1994	DEED	3	C & J CIRILLO CORP	527 SMITH ST BKLYN CORP				0
DET IMG	92PK16070		1	ENTIRE LOT	10/13/1992	UCC3 CONTINUATION	3	CIBRO PETROLEUM/BKLYN INC	THE CIT GROUP/BUSINESS CREDIT, INC				0
DET IMG	91PK14465		1	ENTIRE LOT	10/16/1991	INITIAL UCC1	2	CIBRO TERMINAL INC	CIT GROUP BUSINESS				0
DET IMG	91PK14464		1	ENTIRE LOT	10/16/1991	INITIAL UCC1	2	C&J CIRILLO CORP	CIT GROUP BUSINESS				0

DET IMG	2155/1224	1	ENTIRE LOT	1/13/1988	SATISFACTION OF MORTGAGE	3	C. & J. CIRILLO CORP	MANUFACTURERS HAN TRCO	✓	0
DET IMG	2155/1220	1	ENTIRE LOT	1/13/1988	SATISFACTION OF MORTGAGE	4	FORSEE REALTY CORP	CONGRESS FINANCIAL CORP	✓	0
DET IMG	2155/536	1	ENTIRE LOT	1/13/1988	MORTGAGE	42	C & J CIRILLO CORP	CIT GROUP BUSINESS CRED		556,000
DET	88PK00267	1	ENTIRE LOT	1/6/1988	INITIAL UCC1	0	CIBRO PETROLEUM/BKLYN INC	THE CIT GROUP/BUSINESS CREDIT, INC		0
DET	8803/40	1	ENTIRE LOT	1/6/1988	UNIFORM COMMERCIAL CODE 3	0	C&J CIRILLO CORP	CONGRESS FINANCIAL CORP		0
DET	8801/267	1	ENTIRE LOT	1/6/1988	UNIFORM COMMERCIAL CODE 1	0	CIBRO PETROLEUM/BLYNINC	CIT GROUP/BUS CREDITINC		0
DET	8703/4263	1	ENTIRE LOT	12/30/1987	UNIFORM COMMERCIAL CODE 3	0	CIBRO PETROLEUM/BKLYN IN	MANUFACTURERS HAN TRCO		0
DET	8702/4241	1	ENTIRE LOT	12/30/1987	UNIFORM COMMERCIAL CODE 3	0	CIBRO PETROLEUM/BKLYN IN	MANUFACTURERS HAN TRCO		0
DET	8503/19989	1	ENTIRE LOT	12/31/1985	UNIFORM COMMERCIAL CODE 3	0	C & J CIRILLO CORP	MANUFACTURERS HANOVER TR		0
DET	8501/19986	1	ENTIRE LOT	12/31/1985	UNIFORM COMMERCIAL CODE 1	0	CIBRO PETROLEUM/BKLYN IN	MANUFACTURERS HANOVER TR		0
DET	8501/19983	1	ENTIRE LOT	12/31/1985	UNIFORM COMMERCIAL CODE 1	0	C & J CIRILLO CORP	CONGRESS FINANCIAL CORP		0
DET	1745/1028	1	ENTIRE LOT	12/31/1985	AGREEMENT	0	C & J CIRILLO CORP	MANUFACTURERS HAN TRCO		0
DET	1745/701	1	ENTIRE LOT	12/31/1985	MORTGAGE	0	FORSEE REALTY CORP	CONGRESS FINANCIAL CORP	✓	7,500,000
DET	8403/84	1	ENTIRE LOT	1/4/1984	UNIFORM COMMERCIAL CODE 3	0	CIBRO PETROLEUM/BKLYN IN			0
DET	8201/11404	1	ENTIRE LOT	11/26/1982	UNIFORM COMMERCIAL CODE 1	0	C&J CIRILLO CORP			0
DET	8201/11403	1	ENTIRE LOT	11/26/1982	UNIFORM COMMERCIAL CODE 1	0	CIBRO PETROLEUM BKLYN			0
DET IMG	1355/1139	1	ENTIRE LOT	11/26/1982	MORTGAGE	19	C&J CIRILLO CORP	CIBRO PETROLEUM/BKLYN		1,750
DET IMG	701/495	1	ENTIRE LOT	4/3/1974	SUNDRY AGREEMENT	11	JACON RLTY INC		✓	0
DET	0/	1	ENTIRE LOT	3/28/1974	MAPS	0	CITY OF NY			0

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RECD 3757 PG 275

PF-29(11/85) - Bargain and Sale Deed, with Covenant against Grantor's Acts - Individual or Corporation (Single Sheet)

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT--THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY.

This Indenture, made the 23rd day of July nineteen *hundred* and ninety-six

Between 527 SMITH ST. BKLYN. CORP., a domestic corporation, with offices located at 527 Smith Street, Brooklyn, New York

party of the first part, and

BAYSIDE FUEL OIL DEPOT CORP., a domestic corporation, with offices located at 1810 Shore Parkway, Brooklyn, New York

party of the second part,

Witnesseth, that the party of the first part, in consideration of Ten Dollars and other *valuable consideration* paid by the party of the second part, *does* hereby *grant* and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,

All that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the Borough of Brooklyn, County of Kings, City and State of New York, bounded and described as follows:

BEGINNING at a point on the easterly side of Smith Street which point is distant 352 feet 6¼ inches northeasterly from the corner formed by the intersection of the easterly side of Smith Street and the northerly side of Hamilton Avenue; running thence northerly along the easterly side of Smith Street, 200 feet; thence easterly 294 feet 10⅛ inches to the westerly side of Gowanus Canal; thence southerly and along the westerly side of Gowanus Canal, 204 feet 8 inches; thence westerly 251 feet 4⅛ inches to the easterly side of Smith Street, the point or place of BEGINNING.

SAID PREMISES being known as and by the street number 527 Smith Street, Brooklyn, New York.

That the Grantee herein is also the holder of an existing mortgage of record and the existence of said mortgage shall not merge with this deed.

This conveyance has been made with the consent of the holders of at least two-thirds of the outstanding shares of the party of the first part entitled to vote thereon obtained at a meeting duly called.

Together with all right, title and interest, if any, of the party of the first part in and to any streets and roads abutting the above described premises to the center lines thereof; **Together** with the appurtenances and all the estate and rights of the party of the first part in and to said premises; **To Have And To Hold** the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.
And the party of the first part covenants that the party of the first part has not done or suffered *anything* whereby the said *premises have been encumbered* in any way whatever, except as aforesaid.
And the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.
The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.
In Witness Whereof, the party of the first part has duly executed this deed the day and year first above written.

IN PRESENCE OF:

527 SMITH ST. BKLYN. CORP.

By: Michael Spinard
Michael SPINARD Pres.

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19 , before me personally came

to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that executed the same.

STATE OF NEW YORK, COUNTY OF KINGS ss:

On the 23rd day of July 1996, before me personally came MICHAEL STORACI to me known, who, being by me duly sworn, did depose and say that he resides at No.

that he is the President of 527 Smith St. Bklyn. Corp., the corporation described in and which executed the foregoing instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the board of directors of said corporation, and that he signed his name thereto by like order.

BRETT P. HERMAN, ESQ.
NOTARY PUBLIC, STATE OF NEW YORK
NO. 02HE5022550
QUALIFIED IN KINGS COUNTY
COMMISSION EXPIRES JAN. 24, 19 98

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19 , before me personally came

to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that executed the same.

STATE OF NEW YORK, COUNTY OF

On the day of 19 , before me personally came the subscribing witness to the foregoing instrument, with whom I am personally acquainted, who, being by me duly sworn, did depose and say that he resides at No. ; that he knows to be the individual described in and who executed the foregoing instrument; that he, said subscribing witness, was present and saw execute the same; and that he, said witness, at the same time subscribed h name as witness thereto.

RECORDED 3151 PG 2427

Bargain and Sale Deed

With Covenant Against Grantor's Acts

Title No. L239500-KB

527 SMITH ST. BKLYN. CORP.

TO

BAYSIDE FUEL OIL DEPOT CORP.

SECTION 2
BLOCK 480
LOT 1
CITY OR TOWN New York
COUNTY Kings

RETURN BY MAIL TO:

POLIZZOTTO & POLIZZOTTO ESQS.
6911 18th Avenue
Brooklyn, N.Y. 11204
Zip No.

Distributed by
Nations Title Insurance of New York Inc.

RESERVE THIS SPACE FOR USE OF RECORDING OFFICE

CITY REGISTER RECORDING AND ENDORSEMENT PAGE
- KINGS COUNTY -

(This page forms part of the instrument) DEED 3 7 5 7 PG 2 4 2 8

Block(s) 480

Lot(s) 1

Record & Return to: Palazzotto & Palazzotto
6911 18th Avenue
Brooklyn, N.Y. 11204

Title/Agent Company name: Ridge

Title Company number: 1239500FB

OFFICE USE ONLY - DO NOT WRITE BELOW THIS LINE

THE FOREGOING INSTRUMENT WAS ENDORSED FOR THE RECORD AS FOLLOWS:

Examined by (✓): [illegible]

Mtge Tax Serial No.	
Mtge Amount	$
Taxable Amount	$
Exemption (✓)	YES ☐ NO ☐
Type: (CIRCLE ONE ☑)	[339EE] [255] [OTHER ____]
Dwelling Type: (CIRCLE ONE ☑)	[1 to 2] [3] [4 to 6] [OVER 6]

TAX RECEIVED ON ABOVE MORTGAGE ▼

County (basic)	$
City (Addt'l)	$
Spec Addt'l	$
TASF	$
MTA	$
NYCTA	$
TOTAL TAX	$

Apportionment Mortgage (✓) YES ☐ NO ☐

Joy A. Bobrow, City Register

City Register Serial Number ➡ 42955

Indexed By (✓): ____ Verified By (✓): ____

Block(s) and Lot(s) verified by (✓):

Address ☑ Tax Map ☐

Extra Block(s) ____ Lot(s) ____

Recording Fee A	$ .32
Affidavit Fee (C)	$
TP-584/582 Fee (Y)	$ 1
RPTT Fee (R)	$ 25
HPD-A ☐	HPD-C ☐

New York State Real Estate Transfer Tax ▼

$ 2500

Serial Number ➡ 000080

New York City Real Property Transfer Tax Serial Number ➡ 11792

New York State Gains Tax Serial Number ➡

RECORDED IN KINGS COUNTY
OFFICE OF THE CITY REGISTER

1996 AUG [illegible]

Witness My Hand and Official Seal

Joy A. Bobrow

City Register

CRGFM89K.BPG 1/93

45-H-003

EXHIBIT 2

New York State
Department of Environmental Conservation

MAJOR PETROLEUM FACILITY LICENSE

FACILITY:

BAYSIDE FUEL OIL DEPOT CORP.
537 SMITH STREET
BROOKLYN, NY 11231

OWNER:

BAYSIDE FUEL OIL DEPOT
1776 SHORE PARKWAY
BROOKLYN, NY 11214

The facility named above has been duly licensed, pursuant to Article 12 of the Navigation Law. Any conditions placed on this license are marked on the attached Special Conditions Check List.

MAILING CORRESPONDENCE:

LICENSE NUMBER: **2-1260**

DATE ISSUED: **3/12/2009**

EXPIRATION DATE: **3/31/2014**

ATTN: VINCENT ALLEGRETTI
BAYSIDE FUEL OIL DEPOT CORPORATION
1776 SHORE PARKWAY
PO BOX 140128
BROOKLYN, NY 11214-0002

Commissioner of Environmental Conservation

By _____

Title **Regional Spill Engineer**

THIS LICENSE IS NON-TRANSFERABLE

New York State Department of Environmental Conservation

MAJOR PETROLEUM FACILITY LICENSE

Tank Listing For License Number: 2-1260

TANK NUMBER	DATE INSTALLED	TANK LOCATION	TANK TYPE	CAPACITY (Gallons)	PRODUCT STORED
001	12/01/1946	Underground	Steel/Carbon Steel/Iron	500,010	#6 Fuel Oil
002	12/01/1946	Underground	Steel/Carbon Steel/Iron	390,012	#6 Fuel Oil
003	12/01/1946	Underground	Steel/Carbon Steel/Iron	200,004	#4 Fuel Oil
004	12/01/1972	Aboveground - in contact with soil	Steel/Carbon Steel/Iron	448,182	#2 Fuel Oil
005	12/01/1972	Aboveground - in contact with soil	Steel/Carbon Steel/Iron	448,182	#2 Fuel Oil
GDF1	10/01/2001	Aboveground - No Contact (on saddles,	Steel/Carbon Steel/Iron	275	Diesel
OBF1	06/01/1992	Aboveground - No Contact (on saddles,	Steel/Carbon Steel/Iron	3,000	#2 Fuel Oil

_sept2006)

New York State Department of Environmental Conservation
Division of Environmental Remediation

Petroleum Bulk Storage Application

Pursuant to the Petroleum Bulk Storage Law,
Article 17, Title 10 of ECL; 6 NYCRR 612-614 and 6 NYCRR, Subpart 360-14

Section A
(Please be sure to complete Sections A & B)

Return Completed Form & Fees To:
NYSDEC - PBS Unit
One Hunters Pt Plaza,1st Fl
47-40 21st Street
Long Island City, NY 11101-5407
(718) 482-6454

Expiration Date: 11/13/2012

Please Type or Print Clearly and Complete All Items

PBS Number
2-017574

DEC CBS Number: (If applicable)

DEC SPDES Number: (If applicable)

Transaction Type
(Check all that apply)
NOTE: Transaction Types 1, 2 and 5 may require a fee

- [ ] 1)Initial/ New Facility
- [ ] 2)Change of Ownership
- [X] 3)Tank Installation, Closing, Repair or Reconditioning
- [X] 4)Information Correction
- [ ] 5) Renewal

FACILITY

Facility Name: BAYSIDE FUEL OIL CORP
Location (Not P.O. Boxes): 267 BOND STREET
Location (cont.):
City: BROOKLYN | State: NY | Zip Code: 11231
County: Kings | Township or City: New York City
Name of Operator at Facility: BAYSIDE FUEL OIL CORP | Facility Telephone Number: (718) 946-7889
Emergency Contact Name: VINCENT ALLEGRETTI | Emergency Telephone Number: (917) 916-4101

OWNER

Owner Name: ~~BAYSIDE FUEL OIL CORPORATION~~ LAA REALTY LLC, DAA REALTY LLC, VICTOR Allegretti CREDIT SHELTER TRUST
Address (Street and/or P.O.): 1776 SHORE PARKWAY
City: BROOKLYN | State: NY | Zip Code: 11214
Federal Tax ID Number: 11-1177549 | Owner Telephone Number: (718) 372-9800
Type of Owner: 1 [ ] Private Resident 2 [ ] State Government 3 [ ] Local Government [ ] Federal Government 5 [X] Corporate/Commercial

TYPE OF PETROLEUM FACILITY (Check only one)

- [ ] 01=Storage Terminal/Petroleum Distributor
- [ ] 02=Retail Gasoline Sales
- [ ] 03=Other Retail Sales
- [ ] 04=Manufacturing
- [ ] 05=Utility
- [X] 06=Trucking/Transportation
- [ ] 07=Apartment/Office Building
- [ ] 08=School
- [ ] 09=Farm
- [ ] 10=Private Residence
- [ ] 11=Airline/Air Taxi
- [ ] 12=Chemical Distributor
- [ ] 13=Municipality
- [ ] 14=Refinery
- [ ] 15=Railroad
- [ ] 99=Other (Specify):

I hereby certify under penalty of perjury that the information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Name of Owner or Authorized Representative: ANNA MARIE FRANZESE | Amount Enclosed: $
Title: TERMINAL OPERATIONS
Signature: Anna Marie Franzese *** Date: 3/17/09

***** Application will be returned if these items are blank**

REMINDER: A change of ownership and/or federal tax ID submission must include the first page of the deed.

CORRESPONDENCE

(Please keep up to date - this information is used for mailing and contact purposes)

Attention: ANNA MARIE FRANZESE
Name of Company: BAYSIDE FUEL OIL CORP
Address: 1776 SHORE PARKWAY
Address:
City/State/Zip Code: BROOKLYN NY 11214
Telephone Number: (718) 372-9800 | E-Mail Address:

OFFICIAL USE ONLY

Page ____ of ____
Date Received __/__/__
Date Processed __/__/__
Amount Received $ _____
Reviewed by _____

PBS Number:
2-017574

Section B - Tank Information

(Please use the key located on the bottom of this sheet to complete each item/column)

Registration Expiration Date:
11/13/2007

(1) Action	(2a) -Optional: If tank and piping models are entered then the shaded columns DO NOT have to be supplied. Tank and piping model codes are enclosed. Tank Model	(2a) Piping Model	(2b)-Required Tank Number	(3) Tank Location	(4) Status	(5) Installation or Permanent ClosureDate (M/D/Year) application will be returned if blank or 00/00/0000	(6) Capacity (Gallons)	(7) Product Stored (If Gas w/ethanol or Biodiesel list % additive)	%	(8) Tank Type	(9) Tank Internal Protection	(10) Tank External Protection	(11) Tank Secondary Containment	(12) Tank Leak Detection	(13) Tank Overfill Prevention	(14) Tank Spill Prevention	(15) Tank Dispenser	(16) Piping Location	(17) Piping Type	(18) Piping External Protection	(19) Piping Secondary Containment	(20) Piping Leak Detection
			014	1	1	8/1/1985	275	0013		01	00	00	00	00	04			02	01	00		
			015	1	1	8/1/1985	275	0013		01	00	00	00	00	00		02	02	01	00		09
			016	1	1	8/1/1985	275	0022		01	00	00	00	00	04		02	02	01	00		09
			OBF:1	3	1	PRIOR TO 1986	275	0001		01	00	00		00	04		01	01	00			
			OBF:2	3	1	PRIOR TO 1986	275	0001		01	00	00		00	04		01	01	00			

Action (1)
1. Initial Listing
2. Add Tank
3. Close/Remove Tank
4. Information Correction
5. Recondition/Repair/ Reline Tank

Tank Location (3)
1. Aboveground-contact w/soil
2. Aboveground-contact w/ impervious barrier
3. Aboveground on saddles, legs, stilts, rack, or cradle
4. Aboveground with 10% or more below ground
5. Underground
6. Underground, vaulted, with access

Status (4)
1. In-service
2. Temporarily out-of-service
3. Closed-Removed
4. Closed- In Place
5. Tank converted to Non-Regulated use

Product Stored (7)
0001. #2 Fuel Oil
0002. #4 Fuel Oil
0003. #6 Fuel Oil
0011. Jet Fuel
0008. Diesel
0009. Gasoline
2712. Gasoline/Ethanol
2710. Biodiesel
2711. Biodiesel (Heating)
0012. Kerosene
0013. Lube Oil
0022. Waste/Used Oil
0259. #5 Fuel Oil
2642. Used Oil (Heating)
9999. Other -please list :*

Tank Type (8)
01. Steel/Carbon Steel/Iron
02. Galvanized Steel Alloy
03. Stainless Steel Alloy
04. Fiberglass Coated Steel
05. Steel Tank in Concrete
06. Fiberglass Reinforced Plastic (FRP)
07. Plastic
08. Equivalent Technology
09. Concrete
10. Urethane Clad Steel
99. Other-please list:*

Internal Protection (9)
00. None
01. Epoxy Liner
02. Rubber Liner
03. Fiberglass Liner (FRP)
04. Glass Liner
99. Other-please list:*

External Protection (10/18)
00. None
01. Painted/Asphalt Coating
02. Original Sacrificial Anode
03. Original Impressed Current
04. Fiberglass
05. Jacketed
06. Wrapped (Piping)
07. Retrofitted Sacrificial Anode
08. Retrofitted Impressed Current
09. Urethane
99. Other-please list:*

Tank Leak Detection (12)
00 None
01. Interstitial Electronic Monitoring
02. Interstitial Manual Monitoring
03. Vapor Well
04. Groundwater Well
05. In-Tank System (AutoTankGauge)
06. Impervious Barrier/Concrete Pad (Aboveground Only)
99. Other-please list:*

Piping Type (17)
00. None
01. Steel/Carbon Steel/Iron
02. Galvanized Steel
03. Stainless Steel Alloy
04. Fiberglass Coated Steel
05. Steel Encased in Concrete
06. Fiberglass Reinforced Plastic (FRP)
07. Plastic
08. Equivalent Technology
09. Concrete
10. Copper
11. Flexible Piping
99. Other-please list:*

Overfill Prevention(13)
00. None
01. Float Vent Valve
02. High Level Alarm
03. Automatic Shut-off
04. Product Level Gauge (Aboveground Only)
05. Vent Whistle
99. Other-please list:*

Secondary Containment (11/19)
00. None
01. Diking (Aboveground Only)
02. Vault (w/access)
03. Vault (w/o access)
04. Double-Walled (Underground Only)
05. Synthetic Liner
06. Remote Impounding Area
07. Excavation/Trench Liner System
08. Flexible Internal Liner (Bladder)
09. Modified Double-Walled (Aboveground Only)
10. Impervious Underlayment
11. Double Bottom (Aboveground Only)

Spill Prevention (14)
00. None
01. Catch Basin
02. Transfer Station Containment
99. Other - Please list*

Piping Location (16)
00. No Piping
01. Aboveground
02. Underground/On-ground
03. Aboveground/Undergrou Combination

Pipe Leak Detection (20)
00. None
01. Interstitial Electronic Monitoring
02. Interstitial Manual Monitorir
03. Vapor Well
04. Groundwater Well
07. Pressurized Piping Leak Detector
08. Tank Top Sump (Piping)
09. Exempt Suction Piping
99. Other-please list:*

Dispenser (15)
00. None
01. Submersible
02. Suction
03. Gravity

If other, please list on a separate sheet including Tank Number

PBS Number
2-017574

New York State Department of Environmental Conservation
PETROLEUM BULK STORAGE CERTIFICATE

625 Broadway, 11th Floor, Albany, NY 12233-7020 Phone: 518-402-9553

Region 2 NYSDEC - PBS Unit
One Hunters Point Plaza, 1st Floor
47-40 21st Street, L.I. City, NY 11101-6454
(718) 482-6454

TANK NUMBER	TANK LOCATION	DATE INSTALLED	TANK TYPE	CAPACITY (GALLONS)	DATE LAST TESTED	TESTING DUE DATE
014	Aboveground - in contact with soil	08/01/1985	Steel/Carbon Steel/Iron	275		*
015	Aboveground - in contact with soil	08/01/1985	Steel/Carbon Steel/Iron	275		*
016	Aboveground - in contact with soil	08/01/1985	Steel/Carbon Steel/Iron	275		*
OBF1	Aboveground on saddles, legs, rack, cradle, etc.	01/01/1985	Steel/Carbon Steel/Iron	275		*
OBF2	Aboveground on saddles, legs, rack, cradle, etc.	01/01/1985	Steel/Carbon Steel/Iron	275		*

*** Aboveground tanks require monthly visual inspections and may need documented internal inspections as described in 6 NYCRR Part 613**

OWNER:
LAA REALTY LLC OAAR REALTY LLC,
CREDIT SHELTER TRUST, 1776 SHORE
BROOKLYN, NY 11214

SITE:
BAYSIDE FUEL OIL CORP
267 BOND STREET
BROOKLYN, NY 11231

OPERATOR: BAYSIDE FUEL OIL CORP
(718) 946-7889

EMERGENCY CONTACT: VINCENT ALLEGRETTI
(917) 916-4101

ISSUED BY: Commissioner
Alexander B. Grannis
PBS NUMBER: 2-017574
DATE ISSUED: 09/26/2007
EXPIRATION DATE: 11/13/2012
FEE PAID: $0.00

MAILING CORRESPONDENCE:

ANNA MARIE FRANZESE
BAYSIDE FUEL OIL CORP
1776 SHORE PARKWAY
BROOKLYN, NY 11214

As an authorized representative of the above named facility, I affirm under penalty of perjury that the information displayed on this form is correct to the best of my knowledge. Additionally, I recognize that I am responsible for assuring that this facility is in compliance with all sections of 6 NYCRR Parts 612, 613 and 614, and applicable sections of 6 NYCRR Subpart 360-14 (used oil tanks only), not just those cited below:

-- The facility must be re-registered if there is a transfer of ownership.
-- The Department must be notified within 30 days prior to adding, replacing, reconditioning, or permanently closing a stationary tank.
-- The facility must be operated in accordance with the code for storing petroleum, 6NYCRR Part 613.
-- Any new facility or substantially modified facility must comply with 6NYCRR Part 614.
-- **This certificate must be signed and posted on the premises at all times.** Posting must be at the tank, at the entrance of the facility, or the main office where the storage tanks are located.
-- Any person with knowledge of a spill, leak or discharge must report the incident to DEC within two hours **(1-800-457-7362)**.

Signature of Representative/ Owner Date

Name and Title of Authorized Representative/Owner (Please Print)

Print Date: 3/20/2009

THIS REGISTRATION CERTIFICATE IS NON-TRANSFERABLE

(pbsrenew_sept2006)

New York State Department of Environmental Conservation
Division of Environmental Remediation

Petroleum Bulk Storage Application

Pursuant to the Petroleum Bulk Storage Law,
Article 17, Title 10 of ECL; 6 NYCRR 612-614 and 6 NYCRR, Subpart 360-14

Section A
(Please be sure to complete Sections A & B)

Return Completed Form & Fees To:
NYSDEC - PBS Unit
One Hunters Pt Plaza,1st Fl
47-40 21st Street
L.I. City, NY 11101-5407
(718) 482-6454

Expiration Date: 10/23/2012

Please Type or Print Clearly and Complete All Items

PBS Number
2-017590

DEC CBS Number: (If applicable)

DEC SPDES Number: (If applicable)

Transaction Type
(Check all that apply)
NOTE: Transaction Types 1, 2 and 5 may require a fee

- [ ] 1)Initial/ New Facility
- [ ] 2)Change of Ownership
- [ ] 3)Tank Installation, Closing, Repair or Reconditioning
- [X] 4)Information Correction
- [ ] 5) Renewal

FACILITY

Facility Name: BAYSIDE FUEL OIL
Location (Not P.O. Boxes): 498-502 SACKETT STREET
Location (cont.): 498 SACKETT STREET
City: BROOKLYN | State: NY | Zip Code: 11231
County: Kings | Township or City: New York City
Name of Operator at Facility: BAY SIDE FUEL OIL COPR. | Facility Telephone Number: (718) 372-9800
Emergency Contact Name: VINCENT ALLEGRETTI | Emergency Telephone Number: (917) 916-4101

OWNER

Owner Name: VICTOR ALLEGRETTI
Address (Street and/or P.O.): 1776 SHORE PARKWAY
City: BROOKLYN | State: NY | Zip Code: 11214
Federal Tax ID Number: 08-6240385 | Owner Telephone Number: (718) 372-9800
Type of Owner: 1[ ] Private Resident 2[ ] State Government 3[ ] Local Government [ ] Federal Government 5[X] Corporate/Commercial

TYPE OF PETROLEUM FACILITY (Check only one)

- [ ] 01=Storage Terminal/Petroleum Distributor
- [ ] 02=Retail Gasoline Sales
- [ ] 03=Other Retail Sales
- [ ] 04=Manufacturing
- [ ] 05=Utility
- [X] 06=Trucking/Transportation
- [ ] 07=Apartment/Office Building
- [ ] 08=School
- [ ] 09=Farm
- [ ] 10=Private Residence
- [ ] 11=Airline/Air Taxi
- [ ] 12=Chemical Distributor
- [ ] 13=Municipality
- [ ] 14=Refinery
- [ ] 15=Railroad
- [ ] 99=Other (Specify): _____

I hereby certify under penalty of perjury that the information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Name of Owner or Authorized Representative: ANNA MARIE FRANZESE | Amount Enclosed: $
Title: TERMINAL OPERATIONS
Signature: *** Date:

***** Application will be returned if these items are blank**

CORRESPONDENCE

(Please keep up to date - this information is used for mailing and contact puposes)

Attention: ANNA MARIE FRANZESE
Name of Company: BAYSIDE FUEL OIL DEPOT
Address: 1776 SHORE PARKWAY
Address:
City/State/Zip Code: BROOKLYN NY 11214
Telephone Number: (718) 372-9800 | E-Mail Address:

OFFICIAL USE ONLY

Page____ of ____
Date Received ___/___/___
Date Processed ___/___/___
Amount Received $ _____
Reviewed by _____

PBS Number: 2-017590

Section B - Tank Information

(Please use the key located on the bottom of this sheet to complete each item/column)

Registration Expiration Date: 10/23/2012

(1) Action	(2a) -Optional If tank and piping models are entered then the shaded columns DO NOT have to be supplied. Tank and piping model codes are enclosed. Tank Model	(2a) Piping Model	(2b)-Required Tank Number	(3) Tank Location	(4) Status	(5) Installation or Permanent Closure Date (Month/ Day/Year)	(6) Capacity (Gallons)	(7) Product Stored (If Gas w/ethanol or Biodiesel list % additive)	%	(8) Tank Type	(9) Tank Internal Protection	(10) Tank External Protection	(11) Tank Secondary Containment	(12) Tank Leak Detection	(13) Tank Overfill Prevention	(14) Tank Spill Prevention	(15) Tank Dispenser	(16) Piping Location	(17) Piping Type	(18) Piping External Protection	(19) Piping Sec. Containment	(20) Piping Leak Detection
.			001	5	2	6/1/1979	4,000	0009		01	01	08	00	05	02	01	02	02	02	08		
.			002	1	1	6/1/1985	275	0013		01	00	00	00	00	04			01	01	00		
.			003	1	1	6/1/1985	275	0013		01	00	00	00	00	04			01	01	00		

Action (1)
1. Initial Listing
2. Add Tank
3. Close/Remove Tank
4. Information Correction
5. Recondition/Repair/ Reline Tank

Tank Location (3)
1. Aboveground-contact w/soil
2. Aboveground-contact w/ impervious barrier
3. Aboveground on saddles, legs, stilts, rack, or cradle
4. Aboveground with 10% or more below ground
5. Underground
6. Underground, vaulted, with access

Status (4)
1. In-service
2. Temporarily out-of-service
3. Closed-Removed
4. Closed- In Place
5. Tank converted to Non-Regulated use

Product Stored (7)
0001. #2 Fuel Oil
0002. #4 Fuel Oil
0003. #6 Fuel Oil
0011. Jet Fuel
0008. Diesel
0009. Gasoline
2712. Gasoline/Ethanol
2710. Biodiesel
2711. Biodiesel (Heating)
0012. Kerosene
0013. Lube Oil
0022. Waste/Used Oil
0259. #5 Fuel Oil
2642. Used Oil (Heating)
9999. Other -please list :*

Tank Type (8)
01. Steel/Carbon Steel/Iron
02. Galvanized Steel Alloy
03. Stainless Steel Alloy
04. Fiberglass Coated Steel
05. Steel Tank in Concrete
06. Fiberglass Reinforced Plastic (FRP)
07. Plastic
08. Equivalent Technology
09. Concrete
10. Urethane Clad Steel
99. Other-please list:*

Internal Protection (9)
00. None
01. Epoxy Liner
02. Rubber Liner
03. Fiberglass Liner (FRP)
04. Glass Liner
99. Other-please list:*

External Protection (10/18)
00. None
01. Painted/Asphalt Coating
02. Original Sacrificial Anode
03. Original Impressed Current
04. Fiberglass
05. Jacketed
06. Wrapped (Piping)
07. Retrofitted Sacrificial Anode
08. Retrofitted Impressed Current
09. Urethane
99. Other-please list:*

Tank Leak Detection (12)
00 None
01. Interstitial Electronic Monitoring
02. Interstitial Manual Monitoring
03. Vapor Well
04. Groundwater Well
05. In-Tank System (AutoTankGauge)
06. Impervious Barrier/Concrete Pad (Aboveground Only)
99. Other-please list:*

Piping Type (17)
00. None
01. Steel/Carbon Steel/Iron
02. Galvanized Steel
03. Stainless Steel Alloy
04. Fiberglass Coated Steel
05. Steel Encased in Concrete
06. Fiberglass Reinforced Plastic (FRP)
07. Plastic
08. Equivalent Technology
09. Concrete
10. Copper
11. Flexible Piping
99. Other-please list:*

Overfill Prevention(13)
00. None
01. Float Vent Valve
02. High Level Alarm
03. Automatic Shut-off
04. Product Level Gauge (Aboveground Only)
05. Vent Whistle
99. Other-please list:*

Secondary Containment (11/19)
00. None
01. Diking (Aboveground Only)
02. Vault (w/access)
03. Vault (w/o access)
04. Double-Walled (Underground Only)
05. Synthetic Liner
06. Remote Impounding Area
07. Excavation/Trench Liner System
08. Flexible Internal Liner (Bladder)
09. Modified Double-Walled (Aboveground Only)
10. Impervious Underlayment
11. Double Bottom (Aboveground Only)

Spill Prevention (14)
00. None
01. Catch Basin
02. Transfer Station Containment
99. Other - Please list*

Piping Location (16)
00. No Piping
01. Aboveground
02. Underground/On-ground
03. Aboveground/Underground Combination

Pipe Leak Detection (20)
00. None
01. Interstitial Electronic Monitoring
02. Interstitial Manual Monitoring
03. Vapor Well
04. Groundwater Well
07. Pressurized Piping Leak Detector
08. Tank Top Sump (Piping)
09. Exempt Suction Piping
99. Other-please list:*

Dispenser (15)
00. None
01. Submersible
02. Suction
03. Gravity

If other, please list on a separate sheet including Tank Number

Tier II Emergency and Hazardous Chemical Inventory

Reporting Period From January 1 , 2008 to December 31 , 2008

Facility Identification

Name:	BAYSIDE FUEL OIL DEPOT CORPORATION (SMITH STREET)		
Street:	537 SMITH ST		
City:	BROOKLYN	County:	Brooklyn
State:	NY	Zip:	112313938
Phone:	718-372-9800	Lat/Long:	0/0

Owner/Operator Name

Name:	BAYSIDE FUEL OIL DEPOT CORPORATION		
Phone:	718-372-9800		
Mail Address:	1776 SHORE PARKWAY		
City:	BROOKLYN	State:	NY
Zip:	11214	Country:	United States

Mailing Address if different from Facility ID Address

Name:	BAYSIDE FUEL OIL DEPOT CORPORATION		
Street:	1776 SHORE PARKWAY		
City:	BROOKLYN	State:	NY
Zip:	11214	Phone:	718-372-9800
Attn:	ANNA MARIE FRANZESE		
NAICS:			
SIC Code:	5171	Dun & Brad No#:	
EIN(Tax ID Number):	112062415		

Emergency Contact

Name:	VINCENT ALLEGRETTI		
Title:	GENERAL MGR		
Phone:	718-372-9800	24 Hr. Phone:	917-916-4101
Name:	NICHOLAS DEMARIA		
Title:	TERMINAL OPERATIONS		
Phone:	718-372-9800	24 Hr.Phone:	516-641-2109

Mixture Components are listed in the Appendix.

Chemical Description	Physical and Health Hazards	Inventory	Storage Codes & Locations
Chem.ID: 23689 CAS: 68476302 Trade Secret: No Chem.Name: #2 FUEL OIL EHS Name: **Check all that apply:** ☐Pure ☒Mix ☐Solid ☒Liquid ☐Gas ☐EHS	☒Fire ☐Pressure ☐Reactivity ☒Immediate ☒Delayed (Chronic)	05 Max Daily Amount Code 04 Ave. Daily Amount Code 365 No. of days on site	

Con. Type	Press.	Temp	Storage Location
A	1	4	LOCATED IN THE ONLY TWO ABOVE GROUND TANKS AT THE TERMINAL
C	1	4	LOCATED IN GARAGE

Certification: I certify under penalty of law that I have personally examined and am familiar with the information submitted, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Vincent Allegretti , OPERATOR	3/3/2009 10:50:25 AM	
Name and official title of owner/operator or authorized representative:	Date	Signature

Optional Attachments
☐Siteplan
☐Site Coordinate Abbreviations
☐Other safeguard measures

Chemical Description	Physical and Health Hazards	Inventory	Storage Codes & Locations
Chem.ID: 23690 CAS: 68476313 Trade Secret: No Chem.Name: #4 FUEL OIL EHS Name: **Check all that apply:** ☐Pure ☒Mix ☐Solid ☒Liquid ☐Gas ☐EHS	☒Fire ☐Pressure ☐Reactivity ☒Immediate ☒Delayed (Chronic)	04 Max Daily Amount Code 04 Ave. Daily Amount Code 365 No. of days on site	Con. Type: B; Press.: 1; Temp: 4; Storage Location: IN MOUNDED TANK BEHIND RACK TANK 3
Chem.ID: 23691 CAS: 68553004 Trade Secret: No Chem.Name: #6 FUEL OIL EHS Name: **Check all that apply:** ☐Pure ☒Mix ☐Solid ☒Liquid ☐Gas ☒EHS	☒Fire ☐Pressure ☐Reactivity ☒Immediate ☒Delayed (Chronic)	05 Max Daily Amount Code 04 Ave. Daily Amount Code 365 No. of days on site	Con. Type: B; Press.: 1; Temp: 5; Storage Location: IN MOUNDED TANK BEHIND RACK TANKS #1 AND #2

Tier II Emergency and Hazardous Chemical Inventory Appendix
MIXTURE COMPONENT FORM

Name of Substance: #2 FUEL OIL

Chemical ID	Chemical Name	%	CAS#	EHS	EHS Name
23689	Fuel Oil No. 2	99	68476302	☐	
23689	NAPTHALENE	1	91203	☐	

Name of Substance: #4 FUEL OIL

Chemical ID	Chemical Name	%	CAS#	EHS	EHS Name
23690	Fuel Oil No. 4	99	68476313	☐	
23690	Hydrogen Sulfide	1	7783064	☒	Hydrogen Sulfide

Name of Substance: #6 FUEL OIL

Chemical ID	Chemical Name	%	CAS#	EHS	EHS Name
23691	Fuel Oil No. 6	99	68553004	☐	
23691	Hydrogen Sulfide	1	7783064	☒	Hydrogen Sulfide

Tier II Emergency and Hazardous Chemical Inventory

Reporting Period From January 1 , 2008 to December 31 , 2008

Facility Identification			
Name:	BAYSIDE FUEL OIL CORP		
Street:	285 BOND ST		
City:	BROOKLYN	County:	Brooklyn
State:	NY	Zip:	11215
Phone:	718-372-9800	Lat/Long:	0/0

Owner/Operator Name			
Name:	BAYSIDE FUEL OIL DEPOT CORPORATION		
Phone:	718-372-9800		
Mail Address:	1776 SHORE PKWAY		
City:	BROOKLYN	State:	NY
Zip:	11214	Country:	United States

Mailing Address if different from Facility ID Address			
Name:			
Street:	285 BOND STREET		
City:	BROOKLYN	State:	NY
Zip:	11231	Phone:	
Attn:	BAYSIDE FUEL OIL DEPOT		
NAICS:			
SIC Code:	5171	Dun & Brad No#:	
EIN(Tax ID Number):	112062415		

Emergency Contact			
Name:	VINCENT ALLEGRETTI		
Title:	GENERAL MGR		
Phone:	718-372-9800	24 Hr. Phone:	917-916-4101
Name:	Anna Marie Franzese		
Title:	TERMINAL OPERATION		
Phone:	718-372-9800	24 Hr.Phone:	917-400-5612

Mixture Components are listed in the Appendix.

Chemical Description	**Physical and Health Hazards**	**Inventory**	**Storage Codes & Locations**
Chem.ID: 23572 CAS: N/A Trade Secret: No Chem.Name: WASTE OIL EHS Name: **Check all that apply:** ☐Pure ☒Mix ☐Solid ☒Liquid ☐Gas ☐EHS	☒Fire ☐Pressure ☐Reactivity ☒Immediate ☒Delayed (Chronic)	03 Max Daily Amount Code 02 Ave. Daily Amount Code 365 No. of days on site	Con. Type: A; Press.: 1; Temp: 4; Storage Location: 1 - 225 GALLON TANK IN GARAGE

Certification: I certify under penalty of law that I have personally examined and am familiar with the information submitted, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

3/3/2009 10:12:14 AM

Name and official title of owner/operator or authorized representative: | Date | Signature

Optional Attachments
☐Siteplan
☐Site Coordinate Abbreviations
☐Other safeguard measures

Tier II Emergency and Hazardous Chemical Inventory

Reporting Period From January 1 , 2007 to December 31 , 2007

Facility Identification

Name:	BAYSIDE FUEL OIL DEPOT CORPORATION (SMITH STREET)		
Street:	537 SMITH ST		
City:	BROOKLYN	**County:**	Brooklyn
State:	NY	**Zip:**	112313938
Phone:	718-372-9800	**Lat/Long:**	0/0

Owner/Operator Name

Name:	BAYSIDE FUEL OIL DEPOT CORPORATION		
Phone:	718-372-9800		
Mail Address:	1776 SHORE PARKWAY		
City:	BROOKLYN	**State:**	NY
Zip:	11214	**Country:**	United States

Mailing Address if different from Facility ID Address

Name:	BAYSIDE FUEL OIL DEPOT CORPORATION		
Street:	1776 SHORE PARKWAY		
City:	BROOKLYN	**State:**	NY
Zip:	11214	**Phone:**	718-372-9800
Attn:	ANNA MARIE FRANZESE		
SIC Code:	5171	**Dun & Brad No#:**	
NAICS:			
EIN(Tax ID Number):	112062415		

Emergency Contact

Name:	VINCENT ALLEGRETTI		
Title:	GENERAL MGR		
Phone:	718-372-9800	**24 Hr. Phone:**	917-916-4101
Name:	NICHOLAS DEMARIA		
Title:	TERMINAL OPERATIONS		
Phone:	718-372-9800	**24 Hr.Phone:**	516-641-2109

Mixture Components are listed in the Appendix.

Chemical Description

Chem.ID:	23689
CAS:	68476302
Trade Secret:	No
Chem.Name:	#2 FUEL OIL
EHS Name:	

Check all that apply:

☐Pure ☒Mix ☐Solid ☒Liquid ☐Gas ☐EHS

Physical and Health Hazards

- ☒Fire
- ☐Pressure
- ☐Reactivity
- ☒Immediate
- ☒Delayed (Chronic)

Inventory

05	**Max Daily Amount Code**
04	**Ave. Daily Amount Code**
365	**No. of days on site**

Storage Codes & Locations

Con. Type	Press.	Temp	Storage Location
A	1	4	LOCATED IN THE ONLY TWO ABOVE GROUND TANKS AT THE TERMINAL
C	1	4	LOCATED IN GARAGE

Certification: I certify under penalty of law that I have personally examined and am familiar with the information submitted, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Vincent Allegretti , General Manager	1/23/2008 2:35:45 PM	Vincent Allegretti
Name and official title of owner/operator or authorized representative:	Date	Signature

Optional Attachments

- ☐Siteplan
- ☐Site Coordinate Abbreviations
- ☐Other safeguard measures

Chemical Description	Physical and Health Hazards	Inventory	Storage Codes & Locations
Chem.ID: 23690 CAS: 68476313 Trade Secret: No Chem.Name: #4 FUEL OIL EHS Name: Check all that apply: ☐Pure ☒Mix ☐Solid ☒Liquid ☐Gas ☐EHS	☒Fire ☐Pressure ☐Reactivity ☒Immediate ☒Delayed (Chronic)	04 Max Daily Amount Code 04 Ave. Daily Amount Code 365 No. of days on site	Con. Type: B; Press.: 1; Temp: 4; Storage Location: IN MOUNDED TANK BEHIND RACK TANK 3
Chem.ID: 23691 CAS: 68553004 Trade Secret: No Chem.Name: #6 FUEL OIL EHS Name: Check all that apply: ☐Pure ☒Mix ☐Solid ☒Liquid ☐Gas ☒EHS	☒Fire ☐Pressure ☐Reactivity ☒Immediate ☒Delayed (Chronic)	05 Max Daily Amount Code 04 Ave. Daily Amount Code 365 No. of days on site	Con. Type: B; Press.: 1; Temp: 5; Storage Location: IN MOUNDED TANK BEHIND RACK TANKS #1 AND #2

Tier II Emergency and Hazardous Chemical Inventory Appendix
MIXTURE COMPONENT FORM

Name of Substance: #2 FUEL OIL

Chemical ID	Chemical Name	%	CAS#	EHS	EHS Name
23689	Fuel Oil No. 2	99	68476302	☐	
23689	NAPTHALENE	1	91203	☐	

Name of Substance: #4 FUEL OIL

Chemical ID	Chemical Name	%	CAS#	EHS	EHS Name
23690	Fuel Oil No. 4	99	68476313	☐	
23690	Hydrogen Sulfide	1	7783064	☒	Hydrogen Sulfide

Name of Substance: #6 FUEL OIL

Chemical ID	Chemical Name	%	CAS#	EHS	EHS Name
23691	Fuel Oil No. 6	99	68553004	☐	
23691	Hydrogen Sulfide	1	7783064	☒	Hydrogen Sulfide

Tier II Emergency and Hazardous Chemical Inventory

Reporting Period From January 1 , 2007 to December 31 , 2007

Facility Identification			
Name:	BAYSIDE FUEL OIL CORP		
Street:	285 BOND ST		
City:	BROOKLYN	**County:**	Brooklyn
State:	NY	**Zip:**	11215
Phone:	718-372-9800	**Lat/Long:**	0/0

Owner/Operator Name			
Name:	BAYSIDE FUEL OIL DEPOT CORPORATION		
Phone:	718-372-9800		
Mail Address:	1776 SHORE PKWAY		
City:	BROOKLYN	**State:**	NY
Zip:	11214	**Country:**	United States

Mailing Address if different from Facility ID Address			
Name:			
Street:	285 BOND STREET		
City:	BROOKLYN	**State:**	NY
Zip:	11231	**Phone:**	
Attn:	BAYSIDE FUEL OIL DEPOT		
SIC Code:	5171	**Dun & Brad No#:**	
NAICS:			
EIN(Tax ID Number):	112062415		

Emergency Contact			
Name:	VINCENT ALLEGRETTI		
Title:	GENERAL MGR		
Phone:	718-372-9800	**24 Hr. Phone:**	917-916-4101
Name:	Anna Marie Franzese		
Title:	TERMINAL OPERATION		
Phone:	718-372-9800	**24 Hr.Phone:**	917-400-5612

Mixture Components are listed in the Appendix.

Chemical Description	Physical and Health Hazards	Inventory	Storage Codes & Locations

Chem.ID: 23572
CAS: N/A
Trade Secret: No
Chem.Name: WASTE OIL
EHS Name:

Check all that apply:
☐Pure ☒Mix ☐Solid ☒Liquid ☐Gas ☐EHS

☒Fire
☐Pressure
☐Reactivity
☒Immediate
☒Delayed (Chronic)

03
Max Daily Amount Code
02
Ave. Daily Amount Code
365
No. of days on site

Con. Type	Press.	Temp	Storage Location
A	1	4	1 - 225 GALLON TANK IN GARAGE

Certification: I certify under penalty of law that I have personally examined and am familiar with the information submitted, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Vincent Allegretti , SR. VICE PRESIDENT 1/16/2008 12:40:48 PM Vincent Allegretti

Optional Attachments
☐Siteplan
☐Site Coordinate Abbreviations
☐Other safeguard measures

Name and official title of owner/operator or authorized representative:	Date	Signature	

Revised 9/05 *Important: Read all instructions before completing form* Reporting period: From January 1 to December 31, 2005 Page of pages

NEW YORK CITY Right-to-Know FACILITY INVENTORY FORM
TIER TWO

Facility Identification
Name BAYSIDE FUEL OIL DEPOT
Street 537-SMITH ST.
City BKLYN State NY Zip+4 11231
Telephone (718) 625-9884 County KINGS
SIC Code 5171 Federal Tax. ID Number 01 248 9704
For Official Use Only: ID# Date Received

Owner/Operator
Name BAYSIDE FUEL OIL DEPOT Phone (718) 372-9800
Mail Address 1776-SHORE PARKWAY
E-mail Address

Emergency Contacts
Name VINCENT ALLEGRETTI Title GEN. MANAGER
Day Phone (718) 372-9800 24-hr phone (917) 916-4101
Name ANNA MARIE FRANZESE Title TERM. OPERATIONS
Day Phone (718) 372-9800 24-hr phone (718) 496-7004

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Storage Locations	OPTIONAL
CAS ☐ Trade Secret ☐ Name(s) of Chemical(s): NO. 2 HEAT OIL NO 2 HEATING OIL SEE ATTACHED Check all that apply: [ ] Pure [✓] Mix [ ] Solid [✓] Liquid [ ] Gas [ ] EHS	[X] Fire [ ] Sudden Release Of Pressure [ ] Reactivity [X] Immediate (acute) [✓] Delayed(chronic)	06 Max Amount (code) 06 Avg. Amount (code) 365 No. of Days Present	A 1 4 LOCATED IN THE ONLY 2 ABOVE GROUND TANKS BEHIND RACKS TANKS 4 + 5 C 1 4 IN GARAGE	Check box if information submitted is identical to last year ✓
CAS ☐ Trade Secret ☐ Name(s) of Chemical(s): NO. 4 FUEL OIL SEE ATTACHED Check all that apply: [ ] Pure [✓] Mix [ ] Solid [✓] Liquid [ ] Gas [ ] EHS	[X] Fire [ ] Sudden Release Of Pressure [ ] Reactivity [X] Immediate (acute) [X] Delayed(chronic)	06 Max Amount (code) 06 Avg. Amount (code) 365 No. of Days Present	B 1 4 IN MOUNDED TANK BEHIND RACK TANK #3	Check box if information submitted is identical to last year ✓
CAS ☐ Trade Secret ☐ Name(s) of Chemical(s): NO 6 FUEL OIL Check all that apply: [ ] Pure [✓] Mix [ ] Solid [✓] Liquid [ ] Gas [ ] EHS	[X] Fire [ ] Sudden Release Of Pressure [ ] Reactivity [X] Immediate (acute) [X] Delayed(chronic)	06 Max Amount (code) 06 Avg. Amount (code) 365 No. of Days Present	B 1 5 IN MOUNDED TANK BEHIND RACK TANK #122	Check box if information submitted is identical to last year ✓

Certification (Read and sign after completing all sections)
I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through ____, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate and complete.

BARTOLO A. Allegretti - SR-V.P. / TREASURER — Bartolo A. Allegretti — 2-19-07
Name and official title of owner/operator OR owner/operator's authorized representative — Signature — Date signed

OPTIONAL
I have attached a site plan ☐

2006

NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION
RIGHT TO KNOW PROGRAM

FACILITY INVENTORY FORM APPENDIX

Mixture Component Form

Complete this sheet if the substance is a mixture.

CFID # 294 **Facility Name** BAYSIDE FUEL OIL DEPOT

Name of Substance No. 2 HEATING OIL

Ingredients	%	CAS #	EHS
FUEL OIL #2	98-100	68476-30-2	
NAPHTHALENE	<1	91-20-3	

Name of Substance NO 4 FUEL OIL

Ingredients	%	CAS #	EHS
FUEL OIL #4	100	68476-31-3	
HYDROGEN SULFIDE	<1	7783-06-4	

Name of Substance NO 6 FUEL OIL

Ingredients	%	CAS #	EHS
FUEL OIL #6	100	68553-00-4	
HYDROGEN SULFIDE	<1	7783-06-4	

Revised 9/05 *Important: Read all instructions before completing form* Reporting period: From January 1 to December 31, 2005 Page of pages

NEW YORK CITY Right-to-Know FACILITY INVENTORY FORM — TIER TWO

Name BAYSIDE FUEL OIL DEPOT
Street 285 BOND ST
City BKLYN State NY Zip+4 11215
Telephone (718) 946 8220 County KINGS
SIC Code 5171 Federal Tax ID Number 01 2481 9704

Name BAYSIDE FUEL OIL DEPOT Phone (718) 372-9800
Mail Address 1776 - SHORE PARKWAY
E-mail Address
Name VINCENT ALLEGRETTI Title GENERAL MGR
Day Phone (718) 372-9800 24-hr phone (917) 916-4101
Name ANNAMARIE FERRARESE Title TERM. OPERATIONS
Day Phone (718) 372-9800 24-hr phone (718) 496-7004

For Official Use Only - ID# Date Received

Chemical Description

CAS Trade Secret
Name(s) of Chemical(s): WASTE OIL
Check all that apply: [ ] Pure [ ] Mix [ ] Solid [ ] Liquid [ ] Gas [ ] EHS

Physical and Health Hazards (Check all that apply)

- [X] Fire
- [ ] Sudden Release Of Pressure
- [ ] Reactivity
- [ ] Immediate (acute)
- [ ] Delayed(chronic)

Inventory

Max Amount (code): 02
Ave. Amount (code): 02
No. of Days Present: 365

Storage Codes and Locations (Non-Confidential) Storage Locations

A14 1-225 GALLON TANK IN GARAGE

Check box if information submitted is identical to last year: [X]

CAS Trade Secret
Name(s) of Chemical(s):
Check all that apply: [ ] Pure [ ] Mix [ ] Solid [ ] Liquid [ ] Gas [ ] EHS

Physical and Health Hazards (Check all that apply)
- [ ] Fire
- [ ] Sudden Release Of Pressure
- [ ] Reactivity
- [ ] Immediate (acute)
- [ ] Delayed(chronic)

Inventory
Max Amount (code):
Ave. Amount (code):
No. of Days Present:

Storage Codes and Locations (Non-Confidential) Storage Locations

Check box if information submitted is identical to last year: [ ]

CAS Trade Secret
Name(s) of Chemical(s):
Check all that apply: [ ] Pure [ ] Mix [ ] Solid [ ] Liquid [ ] Gas [ ] EHS

Physical and Health Hazards (Check all that apply)
- [ ] Fire
- [ ] Sudden Release Of Pressure
- [ ] Reactivity
- [ ] Immediate (acute)
- [ ] Delayed(chronic)

Inventory
Max Amount (code):
Ave. Amount (code):
No. of Days Present:

Storage Codes and Locations (Non-Confidential) Storage Locations

Check box if information submitted is identical to last year: [ ]

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through ____, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate and complete.

BARTOLO A. ALLEGRETTI - SR. V.P. / TREASURER — Name and official title of owner/operator OR owner/operator's authorized representative
Bartolo A. Allegretti — Signature
2-19-07 — Date signed

OPTIONAL
I have attached a site plan [ ]

Revised 9/05 *Important: Read all instructions before completing form* Reporting period: From January 1 to December 31, 2005 Page of pages

NEW YORK CITY Right-to-Know FACILITY INVENTORY FORM — TIER TWO

Facility Identification
Name BAYSIDE FUEL OIL DEPOT
Street 537 SMITH ST.
City BKLYN State NY Zip+4 11231
Telephone (718) 625-9884 County KINGS
SIC Code 5171 Federal Tax. ID Number 01 248 9704

Owner/Operator
Name BAYSIDE FUEL OIL DEPOT Phone (718) 372-9800
Mail Address 1776 - STORE PARKWAY
E-mail Address

Emergency Contact
Name VINCENT ALLEGRETTI Title GEN - MGR.
Day Phone (718) 372-9800 24-hr phone (917) 976-9101
Name ANNA M. FRANZESE Title TERM OPERATIONS
Day Phone (718) 372-9800 24-hr phone (718) 496-7004

For Official Use Only ID# Date Received

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Storage Locations (Container, Pressure, Temperature)	OPTIONAL
CAS [ ] Trade Secret [ ] Name(s) of Chemical(s): NO. 2 HEAT OIL NO 2 HEATING OIL SEE ATTACHED Check all that apply: [ ] Pure [✓] Mix [ ] Solid [✓] Liquid [ ] Gas [ ] EHS	[✓] Fire [ ] Sudden Release Of Pressure [ ] Reactivity [✓] Immediate (acute) [✓] Delayed (chronic)	Max Amount (code): 06 Avg. Amount (code): 06 No. of Days Present: 365	A 1 4 LOCATED IN THE ONLY 2 ABOVE GROUND TANKS. BEHIND RACKS. TANK # 4 & 5 C 1 4 IN GARAGE	Check box if information submitted is identical to last year [ ]
CAS [ ] Trade Secret [ ] Name(s) of Chemical(s): NO 4 FUEL OIL SEE ATTACHED Check all that apply: [ ] Pure [✓] Mix [ ] Solid [✓] Liquid [ ] Gas [ ] EHS	[✓] Fire [ ] Sudden Release Of Pressure [ ] Reactivity [✓] Immediate (acute) [✓] Delayed (chronic)	Max Amount (code): 06 Avg. Amount (code): 06 No. of Days Present: 365	B 1 4 IN MOUNDED TANK BEHIND RACK. TANK # 3	Check box if information submitted is identical to last year [ ]
CAS [ ] Trade Secret [ ] Name(s) of Chemical(s): NO 6 FUEL OIL Check all that apply: [ ] Pure [✓] Mix [ ] Solid [✓] Liquid [ ] Gas [ ] EHS	[✓] Fire [ ] Sudden Release Of Pressure [ ] Reactivity [✓] Immediate (acute) [✓] Delayed (chronic)	Max Amount (code): 06 Avg. Amount (code): 06 No. of Days Present: 365	B 1 5 IN MOUNDED TANK BEHIND RACK TANK # 122	Check box if information submitted is identical to last year [ ]

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through ____, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate and complete.

BARTOLO A Allegretti - SR. V.P. / TREASURER — Bartolo A. Allegretti — 2-8-06

Name and official title of owner/operator OR owner/operator's authorized representative — Signature — Date signed

OPTIONAL: I have attached a site plan [ ]

1005

NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION
RIGHT TO KNOW PROGRAM

FACILITY INVENTORY FORM APPENDIX

Mixture Component Form

Complete this sheet if the substance is a mixture.

CFID # 294 **Facility Name** BAYSIDE Fuel OIL Depot

Name of Substance No 2 HEATING OIL

Ingredients	%	CAS #	EHS
Fuel oil #2	98-100	68476-30-2	
NAPHTHALENE	<1	91-20-3	

Name of Substance No 4 Fuel OIL

Ingredients	%	CAS #	EHS
Fuel oil #4	100	68476-31-3	
Hydrogen Sulfide	<1	7783-06-4	

Name of Substance No 6 Fuel OIL

Ingredients	%	CAS #	EHS
Fuel oil No 6	100	68553-00-4	
Hydrogen Sulfide	<1	7783-06-4	

Revised 9/05 *Important: Read all instructions before completing form* Reporting period: From January 1 to December 31, 2005 Page of pages

NEW YORK CITY Right-to-Know FACILITY INVENTORY FORM
TIER TWO

Facility Identification
Name BAYSIDE FUEL OIL DEPOT
Street 285 BOND ST.
City BKLYN State NY Zip+4 11215
Telephone (718) 946-8220 County KINGS
SIC Code 5171 Federal Tax. ID Number 01 248 9704

For Official Use Only ID# Date Received

Owner/Operator
Name BAYSIDE FUEL DEPOT Phone (718) 372-9800
Mail Address 1776-SHORE PARKWAY BKLYN 11214
E-mail Address

Emergency Contacts
Name VINCENT ALLEGRETTI Title GENERAL MGR.
Day Phone (718) 372-9800 24-hr phone (917) 916-4101
Name ANNA M. FRANZESE Title TERM. OPERATIONS
Day Phone (718) 372-9800 24-hr phone (718) 496-7004

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Storage Locations (Container / Pressure / Temperature)	OPTIONAL
CAS Trade Secret Name(s) of Chemical(s): WASTE OIL Check all that apply: [ ] Pure [ ] Mix [ ] Solid [ ] Liquid [ ] Gas [ ] EHS	[X] Fire [ ] Sudden Release Of Pressure [ ] Reactivity [X] Immediate (acute) [X] Delayed(chronic)	02 Max Amount (code) 02 Avg. Amount (code) 365 No. of Days Present	A 1 4 1-225 GALLON TANK IN GARAGE.	Check box if information submitted is identical to last year [ ]
CAS Trade Secret Name(s) of Chemical(s) Check all that apply: [ ] Pure [ ] Mix [ ] Solid [ ] Liquid [ ] Gas [ ] EHS	[ ] Fire [ ] Sudden Release Of Pressure [ ] Reactivity [ ] Immediate (acute) [ ] Delayed(chronic)	Max Amount (code) Avg. Amount (code) No. of Days Present		Check box if information submitted is identical to last year [ ]
CAS Trade Secret Name(s) of Chemical(s) Check all that apply: [ ] Pure [ ] Mix [ ] Solid [ ] Liquid [ ] Gas [ ] EHS	[ ] Fire [ ] Sudden Release Of Pressure [ ] Reactivity [ ] Immediate (acute) [ ] Delayed(chronic)	Max Amount (code) Avg. Amount (code) No. of Days Present		Check box if information submitted is identical to last year [ ]

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through ____, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate and complete.

BARTOLO A Allegretti - SR.V.P./TREASURER — Bartolo A. Allegretti — 2-8-06

Name and official title of owner/operator OR owner/operator's authorized representative — Signature — Date signed

OPTIONAL
I have attached a site plan [ ]

Revised 9/05 *Important: Read all instructions before completing form* Reporting period: From January 1 to December 31, 2005 Page of pages

~~NEW~~ YORK CITY Right-to-Know FACILITY INVENTORY FORM — TIER TWO

Facility Identification

Name BAYSIDE FUEL OIL DEPOT
Street 510 SACKETT ST.
City BKLYN State NY Zip+4 11214
Telephone (718) 625-5932 County KINGS
SIC Code 5171 Federal Tax. ID Number 01 2488704

Owner/Operator

Name BAYSIDE FUEL DEPOT Phone (718) 372-9800
Mail Address 1776 SHORE PKWY BKLYN 11214
E-mail Address

Emergency Contacts

Name VINCENT ALLEGRETTI Title GEN. MGR.
Day Phone (718) 372-9800 24-hr phone (917) 916-4401
Name ANNA M. FRANZESE Title TERM. OPERATORS
Day Phone (718) 372-9800 24-hr phone (718) 456-7004

For Official Use Only: ID# Date Received

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Storage Locations	OPTIONAL
CAS [ ] Trade Secret [ ] Name(s) of Chemical(s): NO 2 OIL EMPTY Check all that apply: [ ] Pure [ ] Mix [ ] Solid [ ] Liquid [ ] Gas [ ] EHS	[ ] Fire [ ] Sudden Release Of Pressure [ ] Reactivity [ ] Immediate (acute) [ ] Delayed(chronic)	Max Amount (code): 00 Avg. Amount (code): 00 No. of Days Present: 000	Container Type / Temperature: MOUNDED TANKS A-B-E BEHIND RACK EMPTY	Check box if information submitted is identical to last year [ ]
CAS [ ] Trade Secret [ ] Name(s) of Chemical(s): KEROSENE EMPTY Check all that apply: [ ] Pure [ ] Mix [ ] Solid [ ] Liquid [ ] Gas [ ] EHS	[ ] Fire [ ] Sudden Release Of Pressure [ ] Reactivity [ ] Immediate (acute) [ ] Delayed(chronic)	Max Amount (code): 00 Avg. Amount (code): 00 No. of Days Present: 000	MOUNDED TANK TANK D BEHIND RACK EMPTY	Check box if information submitted is identical to last year [ ]
CAS [ ] Trade Secret [ ] Name(s) of Chemical(s): NO 2 DIESEL EMPTY Check all that apply: [ ] Pure [ ] Mix [ ] Solid [ ] Liquid [ ] Gas [ ] EHS	[ ] Fire [ ] Sudden Release Of Pressure [ ] Reactivity [ ] Immediate (acute) [ ] Delayed(chronic)	Max Amount (code): 00 Avg. Amount (code): 00 No. of Days Present: 000	MOUNDED TANK BEHIND RACK TANK C EMPTY	Check box if information submitted is identical to last year [ ]

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through ____, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate and complete.

BARTOLO A ALLEGRETTI - SR. V.P. / TREASURER — Bartolo A. Allegretti — 2-8-06

Name and official title of owner/operator OR owner/operator's authorized representative — Signature — Date signed

OPTIONAL

I have attached a site plan [ ]

/04 *Important: Read all instructions before completing f*

Revised 9/04 *Important: Read all instructions before completing form* Reporting period: From January 1 to December 31, 2004 Page 1 of 1 pages

NEW YORK CITY Right-to-Know FACILITY INVENTORY FORM — TIER TWO

Sara III

Facility Identification

Name Bayside Fuel Oil Depot
Street 510 Sackett St.
City Bklyn State NY Zip+4 11231
Telephone (718) 625-5932 County Kings
SIC Code 5171 Dun & Brad. Number 01 248 9704

Owner/Operator

Name Bayside Fuel Depot Phone (718) 372-9800
Mail Address 1776 Shore Parkway Bklyn 11214
E-mail Address

Emergency Contacts

Name Vincent Allegretti Title General Mgr.
Day Phone (718) 3729800 24-hr phone (917) 916-4101
Name Scott Vitello Title Terminal operator
Day Phone (718) 372-9800 24-hr phone (917) 400-5612

For Official Use Only ID#: Date Received:

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Storage Locations	OPTIONAL
CAS [ ] Trade Secret [ ] Name(s) of Chemical(s): No. 2 Heating oil See Attached Check all that apply: [ ] Pure [X] Mix [ ] Solid [X] Liquid [ ] Gas [ ] EHS	[X] Fire [ ] Sudden Release Of Pressure [ ] Reactivity [X] Immediate (acute) [X] Delayed(chronic)	Max Amount (code): 06 Avg. Amount (code): 06 No. of Days Present: 366	Unit: B; Pressure: 1; Temperature: 4 Mounded tanks A-B-E Behind Rack	Check box if information submitted is identical to last year: [ ]
CAS [ ] Trade Secret [ ] Name(s) of Chemical(s): Kerosene See Attached Check all that apply: [ ] Pure [X] Mix [ ] Solid [X] Liquid [ ] Gas [ ] EHS	[X] Fire [ ] Sudden Release Of Pressure [ ] Reactivity [X] Immediate (acute) [X] Delayed(chronic)	Max Amount (code): 06 Avg. Amount (code): 05 No. of Days Present: 366	Unit: B; Pressure: 1; Temperature: 4 Mounded tank. TANK D Behide Rack	Check box if information submitted is identical to last year: [ ]
CAS [ ] Trade Secret [ ] Name(s) of Chemical(s): No. 2 Diesel fuel See Attached Check all that apply: [ ] Pure [X] Mix [ ] Solid [X] Liquid [ ] Gas [ ] EHS	[X] Fire [ ] Sudden Release Of Pressure [ ] Reactivity [X] Immediate (acute) [X] Delayed(chronic)	Max Amount (code): 06 Avg. Amount (code): 05 No. of Days Present: 366	Unit: A; Pressure: 1; Temperature: 4 Mounded tank Tank C Behind Rack	Check box if information submitted is identical to last year: [ ]

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 1, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate and complete.

BARTOLO A. Allegretti SR. V.P./TREASURER — Name and official title of owner/operator OR owner/operator's authorized representative
Bartolo A. Allegretti — Signature
1-4-05 — Date signed

OPTIONAL

I have attached a site plan [ ]

2004

NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION
RIGHT TO KNOW PROGRAM

FACILITY INVENTORY FORM APPENDIX
Mixture Component Form

Complete this sheet if the substance is a mixture.

Name of Substance No. 2 Heating Oil

Ingredients	%	CAS #	EHS
Fuel oil No. 2	98-100	68476-30-2	
Naphthalene	<1	91-20-3	

Name of Substance Kerosene

Ingredients	%	CAS #	EHS
Hydrodesulfurized Kerosene	0-100	64742-81-0	
Hydrotreated Distillate	0-100	64742-47-8	
Kerosene	0-100	68008-20-6	
Naphthalene	0-3	91-20-3	

Name of Substance No. 2 Diesel fuel

Ingredients	%	CAS #	EHS
Diesel fuel No. 2	100	68476-34-6	
Naphthalene	<1	91-20-3	

Important: Read all instructions before

Revised 9/04 *Important: Read all instructions before completing form* Reporting period: From January 1 to December 31, 2004 Page 1 of 1 pages

NEW YORK CITY Right-to-Know FACILITY INVENTORY FORM

TIER TWO

Sara III

Facility Identification

Name Bayside fuel oil Depot
Street 285 Bond Street
City Bklyn State NY Zip+4 11231
Telephone (718) 946-8220 County Kings
SIC Code 5171 Dun & Bradstreet Number 01 248 9704

For Official Use Only: ID# Date Received:

Owner/Operator

Name Bayside fuel Depot Phone (718) 372-9800
Mail Address 1776 SHore Parkway Bklyn, 11214
E-mail Address

Emergency Contacts

Name Vincent Allegretti Title General Mgr.
Day Phone (718) 3729800 24-hr phone (917) 916-4101
Name Scott Vitello Title Terminal operations
Day Phone (718) 372-9800 24-hr phone (917) 400-5612

Chemical Description

CAS [ ] Trade Secret [ ]
Name(s) of Chemical(s): WASte oil
Check all that apply: [ ] Pure [X] Mix [ ] Solid [X] Liquid [ ] Gas [ ] EHS

CAS [ ] Trade Secret [ ]
Name(s) of Chemical(s):
Check all that apply: [ ] Pure [ ] Mix [ ] Solid [ ] Liquid [ ] Gas [ ] EHS

CAS [ ] Trade Secret [ ]
Name(s) of Chemical(s):
Check all that apply: [ ] Pure [ ] Mix [ ] Solid [ ] Liquid [ ] Gas [ ] EHS

Physical and Health Hazards

Check all that apply

	Fire	Sudden Release Of Pressure	Reactivity	Immediate (acute)	Delayed (chronic)
CAS	[X]	[ ]	[ ]	[X]	[X]
CAS	[ ]	[ ]	[ ]	[ ]	[ ]
CAS	[ ]	[ ]	[ ]	[ ]	[ ]

Inventory

	Max Amount (code)	Avg. Amount (code)	No. of Days Present
CAS	02	02	366
CAS			
CAS			

Storage Codes and Locations (Non-Confidential)

Storage Locations | Container Code | Pressure Code | Temperature Code | OPTIONAL: Check box if information submitted is identical to last year

	Container Code	Pressure Code	Temperature Code	OPTIONAL
CAS	A	1	4	1-225 Gallon tank in garage.
CAS				
CAS				

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 1, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate and complete.

BARTOLO A. Allegretti SR. V.P./TREASURER — Name and official title of owner/operator OR owner/operator's authorized representative

Bartolo A'Allegretti — Signature

1-4-05 — Date signed

OPTIONAL

I have attached a site plan [ ]

Revised 9/04 *Important: Read all instructions before completing form* Reporting period: From January 1 to December 31, 2004 Page 1 of 1 pages

NEW YORK CITY Right-to-Know FACILITY INVENTORY FORM

TIER TWO

Sara III

Facility Identification

Name Bayside fuel oil Depot
Street 537 Smith Street
City BKlyn State NY Zip+4 11231
Telephone (718) 625-9884 County Kings
SIC Code 5171 Dun & Brad. Number 01 248 9704

For Official Use Only: ID# Date Received

Owner/Operator

Name Bayside Fuel Depot Phone (718) 372-9800
Mail Address 1776 SHore Parkway BKlyn 11214
E-mail Address

Emergency Contacts

Name Vincent Allegretti Title General Mgr.
Day Phone (718) 3729800 24-hr phone (917) 916-4101
Name Scott Vitello Title Terminal operations
Day Phone (718) 372-9800 24-hr phone (917) 400-5612

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Storage Locations (Container / Pressure / Temperature)	OPTIONAL
CAS [ ] Trade Secret [ ] Name(s) of Chemical(s): No. 2 Heating Oil See Attached Check all that apply: [ ] Pure [✓] Mix [ ] Solid [✓] Liquid [ ] Gas [ ] EHS	[X] Fire [ ] Sudden Release Of Pressure [ ] Reactivity [X] Immediate (acute) [X] Delayed(chronic)	06 Max Amount (code) 06 Avg. Amount (code) 366 No. of Days Present	A 1 4 Located in the only 2 Above Ground tanks Behind Racks Tanks # 4 + 5 C 1 4 in Garage	Check box if information submitted is identical to last year [X]
CAS [ ] Trade Secret [ ] Name(s) of Chemical(s): No. 4 fuel oil See Attached Check all that apply: [ ] Pure [✓] Mix [ ] Solid [✓] Liquid [ ] Gas [ ] EHS	[X] Fire [ ] Sudden Release Of Pressure [ ] Reactivity [X] Immediate (acute) [X] Delayed(chronic)	06 Max Amount (code) 06 Avg. Amount (code) 366 No. of Days Present	B 1 4 In Mounded tank Behind Rack Tank # 3	Check box if information submitted is identical to last year [X]
CAS [ ] Trade Secret [ ] Name(s) of Chemical(s): No. 6 fuel oil Check all that apply: [ ] Pure [✓] Mix [ ] Solid [✓] Liquid [ ] Gas [ ] EHS	[X] Fire [ ] Sudden Release Of Pressure [ ] Reactivity [X] Immediate (acute) [X] Delayed(chronic)	06 Max Amount (code) 06 Avg. Amount (code) 366 No. of Days Present	B 1 5 In Mounded tank Behind Rack Tanks # 1 + 2	Check box if information submitted is identical to last year [X]

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through ____, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate and complete.

BARTOLO A. Allegretti SR. V.P. / TREASURER — Bartolo A. Allegretti — 1-4-05

Name and official title of owner/operator OR owner/operator's authorized representative — Signature — Date signed

OPTIONAL

I have attached a site plan [ ]

NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION
RIGHT TO KNOW PROGRAM

FACILITY INVENTORY FORM APPENDIX
Mixture Component Form

Complete this sheet if the substance is a mixture.

Name of Substance No. 2 Heating fuel

Ingredients	%	CAS #	EHS
fuel oil #2	98-100	68476-30-2	
Naphthalene	<1	91-20-3	

Name of Substance No. 4 fuel oil

Ingredients	%	CAS #	EHS
fuel oil No. 4	100	68476-31-3	
Hydrogen Sulfide	<1	7783-06-4	

Name of Substance No. 6 fuel oil

Ingredients	%	CAS #	EHS
Fuel oil No. 6	100	68553-00-4	
Hydrogen Sulfide	<1	7783-06-4	

Revised 9/03 *Important: Read all instructions before completing form* Reporting period: From January 1 to December 31, 2003 Page 1 of 1 pages

NEW YORK CITY Right-to-Know FACILITY INVENTORY FORM

TIER TWO

Sara III

Facility Identification

Name BaySide fuel oil Depot Corp.
Street 285 Bond Street
City Brooklyn State NY Zip+4 11231
Telephone (718) 946-8220 County Kings
SIC Code 5171 Dun & Brad. Number 01 248 9704

For Official Use Only: ID# Date Received:

Owner/Operator

Name BaySide fuel Depot Phone (718) 372-9800
Mail Address 1776 Shore Parkway
Brooklyn, NY, 11214

Emergency Contacts

Name Vincent Allegretti Title General Mgr.
Day Phone (718) 372-9800 24-hr phone (917) 641-2052
Name Scott Vitello Title Terminal Operations
Day Phone (718) 3729800 24-hr phone (917) 4005612

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Storage Locations (Container / Pressure / Temperature)	OPTIONAL
CAS [ ] Trade Secret [ ] Name(s) of Chemical(s): Waste oil Check all that apply: [ ] Pure [✓] Mix [ ] Solid [✓] Liquid [ ] Gas [ ] EHS	[X] Fire [ ] Sudden Release Of Pressure [ ] Reactivity [X] Immediate (acute) [X] Delayed(chronic)	03 Max Amount (code) 02 Avg. Amount (code) 365 No. of Days Present	A 1 4 1-225 gallon tank in garage.	Check box if information submitted is identical to last year [X]
CAS [ ] Trade Secret [ ] Name(s) of Chemical(s): Motor Oil Check all that apply: [ ] Pure [ ] Mix [ ] Solid [ ] Liquid [ ] Gas [ ] EHS	[X] Fire [ ] Sudden Release Of Pressure [ ] Reactivity [X] Immediate (acute) [X] Delayed(chronic)	03 Max Amount (code) 02 Avg. Amount (code) 365 No. of Days Present	A 1 4 1-275 Gallon tank in the garage.	Check box if information submitted is identical to last year [X]
CAS [ ] Trade Secret [ ] Name(s) of Chemical(s): Check all that apply: [ ] Pure [ ] Mix [ ] Solid [ ] Liquid [ ] Gas [ ] EHS	[ ] Fire [ ] Sudden Release Of Pressure [ ] Reactivity [ ] Immediate (acute) [ ] Delayed(chronic)	Max Amount (code) Avg. Amount (code) No. of Days Present		Check box if information submitted is identical to last year [X]

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 1, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate and complete.

Vincent Allegretti General Manager — Vincent Allegretti — 12-23-03

Name and official title of owner/operator OR owner/operator's authorized representative — Signature — Date signed

OPTIONAL: I have attached a site plan [ ]

2003

Revised 9/03 *Important: Read all instructions before completing form* Reporting period: From January 1 to December 31, 2003 Page 1 of 1 pages

NEW YORK CITY Right-to-Know FACILITY INVENTORY FORM

TIER TWO

Sara III

Facility Identification

Name Bayside fuel oil Depot Corp.
Street 537 Smith Street
City Brooklyn State NY Zip+4 11231-3938
Telephone (718) 946-1280 County Kings
SIC Code 5171 Dun & Bradstreet Number 01 248 9704

For Official Use Only: ID# Date Received

Owner/Operator

Name Bayside fuel Depot Phone (718) 372-9800
Mail Address 1776 Shore Parkway
Brooklyn, NY. 11214

Emergency Contact

Name Vincent Allegretti Title General Mgr.
Day Phone (718) 372-9800 24-hr phone (917) 641-2052
Name Scott Vitello Title Terminal Operations
Day Phone (718) 3729800 24-hr phone (917) 4005612

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Storage Locations	Optional
CAS 68476302 Trade Secret ☐ Name(s) of Chemical(s): #2 Fuel oil Check all that apply: [ ] Pure [X] Mix [ ] Solid [X] Liquid [ ] Gas [ ] EHS	☒ Fire ☐ Sudden Release Of Pressure ☐ Reactivity ☒ Immediate (acute) ☒ Delayed(chronic)	Max. Amount (code): 06 Avg. Amount (code): 06 No. of Days Present: 365	A14 Located in the only 2 Above Ground tanks at the terminal TANKS 4 & 5	Check box if information submitted is identical to last year ☒
CAS 68476313 Trade Secret ☐ Name(s) of Chemical(s): #4 Fuel oil Check all that apply: [ ] Pure [X] Mix [ ] Solid [X] Liquid [ ] Gas [ ] EHS	☒ Fire ☐ Sudden Release Of Pressure ☐ Reactivity ☒ Immediate (acute) ☒ Delayed(chronic)	Max. Amount (code): 06 Avg. Amount (code): 05 No. of Days Present: 365	B14 IN Mounded tank Behind Rack TAnk 3 C14 Gerage.	Check box if information submitted is identical to last year ☒
CAS 68553004 Trade Secret ☐ Name(s) of Chemical(s): #6 Fuel oil Check all that apply: [ ] Pure [X] Mix [ ] Solid [X] Liquid [ ] Gas [ ] EHS	☒ Fire ☐ Sudden Release Of Pressure ☐ Reactivity ☒ Immediate (acute) ☒ Delayed(chronic)	Max. Amount (code): 06 Avg. Amount (code): 06 No. of Days Present: 365	B15 In Mounded tank Behind Rack Tanks #1 and #2	Check box if information submitted is identical to last year ☒

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 1, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate and complete.

Vincent Allegretti General Manager — Vincent Allegretti — 12-23-03

Name and official title of owner/operator OR owner/operator's authorized representative — Signature — Date signed

OPTIONAL

I have attached a site plan ☐

Revised 9/03 *Important: Read all instructions before completing form* Reporting period: From January 1 to December 31, 2003 Page 1 of 1 pages

NEW YORK CITY Right-to-Know FACILITY INVENTORY FORM

TIER TWO

Sara III

Facility Identification

Name BaySide fuel oil Depot Corp.
Street 510 Sackett Street
City Brooklyn State NY Zip+4 11231-5020
Telephone (718) 625-5932 County Kings
SIC Code 5171 Dun & Brad. Number 01 248 9704

For Official Use Only: ID# Date Received

Owner/Operator

Name BaySide fuel Depot Phone (718) 372-9800
Mail Address 1776 Shore Parkway
Brooklyn, NY, 11214

Emergency Contacts

Name Vincent Allegretti Title General Mgr.
Day Phone (718) 372-9800 24-hr phone (917) 641-2052
Name Scott Vitello Title Terminal Operations
Day Phone (718) 3729800 24-hr phone (917) 4005612

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Storage Locations (Container / Pressure / Temperature)	OPTIONAL
CAS 68476 30 2 Trade Secret ☐ Name(s) of Chemical(s): #2 fuel oil Check all that apply: [ ] Pure [✓] Mix [ ] Solid [✓] Liquid [ ] Gas [ ] EHS	[X] Fire [ ] Sudden Release Of Pressure [ ] Reactivity [X] Immediate (acute) [X] Delayed(chronic)	06 Max Amount (code) 06 Avg. Amount (code) 365 No. of Days Present	B 1 4 Mounded tanks A-B-E Behind Rack	Check box if information submitted is identical to last year [X]
CAS 8008 20 6 Trade Secret ☐ Name(s) of Chemical(s): Kerosene Check all that apply: [ ] Pure [✓] Mix [ ] Solid [✓] Liquid [ ] Gas [ ] EHS	[X] Fire [ ] Sudden Release Of Pressure [ ] Reactivity [X] Immediate (acute) [X] Delayed(chronic)	06 Max Amount (code) 05 Avg. Amount (code) 365 No. of Days Present	B 1 4 Mounded tank TANK D Behind Rack	Check box if information submitted is identical to last year [X]
CAS 68476 34 6 Trade Secret ☐ Name(s) of Chemical(s): Diesel fuel Check all that apply: [ ] Pure [✓] Mix [ ] Solid [✓] Liquid [ ] Gas [ ] EHS	[X] Fire [ ] Sudden Release Of Pressure [ ] Reactivity [X] Immediate (acute) [X] Delayed(chronic)	06 Max Amount (code) 05 Avg. Amount (code) 365 No. of Days Present	B 1 4 Mounded tank TANK C Behind Rack	Check box if information submitted is identical to last year [X]

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 1, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate and complete.

Vincent Allegretti General Manager — Vincent Allegretti — 12-23-03

Name and official title of owner/operator OR owner/operator's authorized representative — Signature — Date signed

OPTIONAL

I have attached a site plan ☐

Revised 11/02 *Important: Read all instructions before completing form* Reporting period: From January 1 to December 31, 2002 Page 1 of 1 pages

NEW YORK CITY Right-to-Know FACILITY INVENTORY FORM — TIER TWO

SARA III

Facility Identification

Name Bayside Fueloil Depot Corp
Street 285 Bond Street
City Brooklyn State NY Zip+4 11231
Telephone (718) 946-8220 County Kings
SIC Code 5171 Dun & Bradstreet Number 01 248 9704

(For Official Use Only) ID#: Date Received:

Owner / Operator

Name Bayside LLC. Phone (718) 372-9800
Mail Address 1776 Shore Parkway
Brooklyn NY 11214

Emergency Contacts

Name Vincent Allegretti Title General Mgr.
Day Phone (718) 372-9800 24-hr phone (917) 641-2052
Name Scott Vitello Title Terminal Operations
Day Phone (718) 372-9800 24-hr phone (917) 400-5612

Chemical Description

CAS [ ] Trade Secret [ ]
Name(s) of Chemical(s): WASte oil
Check all that apply: [ ] Pure [✓] Mix [ ] Solid [✓] Liquid [ ] Gas [ ] EHS

Physical and Health Hazards (Check all that apply)

[X] Fire
[ ] Sudden Release Of Pressure
[ ] Reactivity
[X] Immediate (acute)
[X] Delayed (chronic)

Inventory

Max Amount (code): 03
Avg. Amount (code): 02
No. of Days Present: 365

Storage Codes and Locations (Non-Confidential)

Container Type: A14
Temperature:
Storage Locations: 1) 225 gallon Tank in the Garage

Check box if information submitted is identical to last year: [X]

CAS [ ] Trade Secret [ ]
Name(s) of Chemical(s): Motor oil
Check all that apply: [ ] Pure [ ] Mix [ ] Solid [ ] Liquid [ ] Gas [ ] EHS

Physical and Health Hazards: [X] Fire; [ ] Sudden Release Of Pressure; [ ] Reactivity; [X] Immediate (acute); [X] Delayed (chronic)

Inventory: Max Amount (code): 03; Avg. Amount (code): 02; No. of Days Present: 365

Storage Codes and Locations (Non-Confidential): Container Type: A14; Temperature:; Storage Locations: 1) 275 Gallon Tank in the Garage

Check box if information submitted is identical to last year: [X]

CAS [ ] Trade Secret [ ]
Name(s) of Chemical(s):
Check all that apply: [ ] Pure [ ] Mix [ ] Solid [ ] Liquid [ ] Gas [ ] EHS

Physical and Health Hazards: [ ] Fire; [ ] Sudden Release Of Pressure; [ ] Reactivity; [ ] Immediate (acute); [ ] Delayed (chronic)

Inventory: Max Amount (code): ; Avg. Amount (code): ; No. of Days Present:

Storage Codes and Locations (Non-Confidential): Container Type: ; Temperature: ; Storage Locations:

Check box if information submitted is identical to last year: [ ]

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 1, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate and complete.

Vincent Allegretti General Mgr. — Vincent Allegretti — Date signed

Name and official title of owner/operator OR owner/operator's authorized representative — Signature

OPTIONAL

I have attached a site plan [ ]

2002

Revised 11/02 *Important: Read all instructions before completing form* Reporting period: From January 1 to December 31, 2002 Page 1 of 1 pages

NEW YORK CITY Right-to-Know FACILITY INVENTORY FORM
TIER TWO
SARA III

Facility Identification
Name BaySide fueloil Depot Corp
Street 537 Smith Street
City Brooklyn State NY Zip+4 11231-3938
Telephone (718) 946-1280 County Kings
SIC Code 5171 Dun & Brad. Number 01 248 9704
For Official Use Only ID# Date Received

Owner/Operator
Name BaySide fuel Depot Phone (718) 372-9800
Mail Address 1776 Shore Parkway
Brooklyn NY 11214

Emergency Contacts
Name Vincent Allegretti Title General Mgr.
Day Phone (718) 372-9800 24-hr phone (917) 641-2052
Name Scott Vitello Title Terminal operations
Day Phone (718) 372-9800 24-hr phone (917) 400-5612

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Storage Locations (Container / Pressure / Temperature)	OPTIONAL
CAS 68476 30 2 Trade Secret ☐ Name(s) of Chemical(s): #2 fuel oil Check all that apply: [ ] Pure [✓] Mix [ ] Solid [✓] Liquid [ ] Gas [ ] EHS	[X] Fire [ ] Sudden Release Of Pressure [ ] Reactivity [X] Immediate (acute) [X] Delayed(chronic)	06 Max Amount (code) 06 Avg. Amount (code) 365 No. of Days Present	A 1 4 Located in the ONLY 2 Above Ground TANKS at the terminal TANKS 4 + 5	Check box if information submitted is identical to last year [X]
CAS 68476 31 3 Trade Secret ☐ Name(s) of Chemical(s): #4 oil Check all that apply: [ ] Pure [✓] Mix [ ] Solid [✓] Liquid [ ] Gas [ ] EHS	[X] Fire [ ] Sudden Release Of Pressure [ ] Reactivity [X] Immediate (acute) [X] Delayed(chronic)	06 Max Amount (code) 05 Avg. Amount (code) 365 No. of Days Present	B 1 4 IN Mounded tank Behind RACK TANK 3 C 1 4 Garage	Check box if information submitted is identical to last year [X]
CAS 68553 00 4 Trade Secret ☐ Name(s) of Chemical(s): #6 oil Check all that apply: [ ] Pure [✓] Mix [ ] Solid [✓] Liquid [ ] Gas [ ] EHS	[X] Fire [ ] Sudden Release Of Pressure [ ] Reactivity [X] Immediate (acute) [X] Delayed(chronic)	06 Max Amount (code) 06 Avg. Amount (code) 365 No. of Days Present	B 1 5 IN Mounded TANK Behind RACK tanks #1 AND #2	Check box if information submitted is identical to last year [X]

Certification (Read and sign after completing all sections)
I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 1, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate and complete.

Vincent Allegretti General Mgr.
Name and official title of owner/operator OR owner/operator's authorized representative

Vincent Allegretti
Signature Date signed

OPTIONAL
I have attached a site plan ☐

Revised 11/02 *Important: Read all instructions before completing form* Reporting period: From January 1 to December 31, 2002 Page 1 of 1 pages

NEW YORK CITY Right-to-Know FACILITY INVENTORY FORM

TIER TWO

SARA III

Facility Identification

Name Bayside Fueloil Depot Corp
Street 510 Sackett Street
City Brooklyn State NY Zip+4 11231-5020
Telephone (718) 625-5932 County Kings
SIC Code 5171 Dun & Bradstreet Number 01 248 9704

Owner/Operator

Name Bays. Defel Depot Phone (718) 372-9800
Mail Address 1776 Shore Parkway
Brooklyn NY 11214

Emergency Contacts

Name Vincent Allegretti Title General Mgr.
Day Phone (718) 372-9800 24-hr phone (917) 641-2052
Name Scott Vitello Title Terminal Operations
Day Phone (718) 372-9800 24-hr phone (917) 400-5612

For Official Use Only ID# Date Received

Chemical Description

Physical and Health Hazards (Check all that apply)

Fire
Sudden Release Of Pressure
Reactivity
Immediate (acute)
Delayed(chronic)

Inventory

Max Amount (code)
Avg. Amount (code)
No. of Days Present

Container / Pressure / Temperature

Storage Codes and Locations (Non-Confidential) Storage Locations

OPTIONAL

Check box if information submitted is identical to last year

CAS 8008-20-6 Trade Secret ☐

Name(s) of Chemical(s): Kerosene

Check all that apply: [ ] Pure [✓] Mix [ ] Solid [✓] Liquid [ ] Gas [ ] EHS

Physical and Health Hazards: [✓] Fire; [ ] Sudden Release Of Pressure; [ ] Reactivity; [X] Immediate (acute); [X] Delayed(chronic)

Inventory: Max Amount (code) 06; Avg. Amount (code) 05; No. of Days Present 365

Container / Pressure / Temperature: B14

Storage Codes and Locations (Non-Confidential) Storage Locations: Located in Mounded tank Directly Behind RACK TANK D

OPTIONAL: Check box if information submitted is identical to last year: [X]

CAS 68476-30-2 Trade Secret ☐

Name(s) of Chemical(s): #2 oil

Check all that apply: [ ] Pure [✓] Mix [ ] Solid [✓] Liquid [ ] Gas [ ] EHS

Physical and Health Hazards: [✓] Fire; [ ] Sudden Release Of Pressure; [ ] Reactivity; [✓] Immediate (acute); [✓] Delayed(chronic)

Inventory: Max Amount (code) 06; Avg. Amount (code) 06; No. of Days Present 365

Container / Pressure / Temperature: B14

Storage Codes and Locations (Non-Confidential) Storage Locations: Mounded in Tanks A-B-E Behind Rack

OPTIONAL: Check box if information submitted is identical to last year: [X]

CAS 68476-34-6 Trade Secret ☐

Name(s) of Chemical(s): Diesel fuel

Check all that apply: [ ] Pure [✓] Mix [ ] Solid [✓] Liquid [ ] Gas [ ] EHS

Physical and Health Hazards: [✓] Fire; [ ] Sudden Release Of Pressure; [ ] Reactivity; [✓] Immediate (acute); [✓] Delayed(chronic)

Inventory: Max Amount (code) 06; Avg. Amount (code) 05; No. of Days Present 365

Container / Pressure / Temperature: B14

Storage Codes and Locations (Non-Confidential) Storage Locations: Mounded TANK E Behind Rack

OPTIONAL: Check box if information submitted is identical to last year: [X]

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 1, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate and complete.

Vincent Allegretti General Mgr. — Name and official title of owner/operator OR owner/operator's authorized representative

Vincent Allegretti — Signature

Date signed

OPTIONAL

I have attached a site plan ☐

Revised 11/01 *Important: Read all instructions before completing form* Reporting period: From January 1 to December 31, 2001 Page 1 of 2 pages

NEW YORK CITY Right-to-Know FACILITY INVENTORY FORM

TIER TWO

SARA III

Facility Identification

Name Bayside fuel oil Depot Corp.
Street 285 Bond Street
City Brooklyn State NY Zip+4 11231
Telephone (718) 946-8220 County Kings
SIC Code 5171 Dun & Brad. Number 01 248 9704

For Official Use Only: ID#: Date Received:

Owner/Operator

Name Bayside fuel Depot Phone (718) 372-9800
Mail Address 1776 Shore Parkway
Brooklyn NY 11214-6598

Emergency Contacts

Name Vincent Allegretti Title General Manager
Day Phone (718) 372-9800 24-hr phone (917) 641-2052
Name Scott Vitello Title Terminal operations
Day Phone (718) 372-9800 24-hr phone (917) 400-5612

Chemical Description

CAS [ ] Trade Secret [ ]
Name(s) of Chemical(s): WASTE OIL
Check all that apply: [ ] Pure [X] Mix [ ] Solid [X] Liquid [ ] Gas [ ] EHS

Physical and Health Hazards (Check all that apply)

[X] Fire
[ ] Sudden Release Of Pressure
[ ] Reactivity
[X] Immediate (acute)
[X] Delayed(chronic)

Inventory

Max Amount (code): 03
Avg. Amount (code): 02
No. of Days Present: 365

Storage Codes and Locations (Non-Confidential)

Container Type | Pressure | Temperature | Storage Locations

A 1 4 — 1) 225 gallon tank IN the Garage.

OPTIONAL: Check box if information submitted is identical to last year [X]

CAS [ ] Trade Secret [ ]
Name(s) of Chemical(s): Motor Oil
Check all that apply: [ ] Pure [X] Mix [ ] Solid [X] Liquid [ ] Gas [ ] EHS

Physical and Health Hazards (Check all that apply)

[X] Fire
[ ] Sudden Release Of Pressure
[ ] Reactivity
[X] Immediate (acute)
[X] Delayed(chronic)

Inventory

Max Amount (code): 03
Avg. Amount (code): 02
No. of Days Present: 365

Storage Codes and Locations (Non-Confidential)

A 1 4 — 275 Gallon tank IN the Garage

OPTIONAL: Check box if information submitted is identical to last year [X]

CAS [ ] Trade Secret [ ]
Name(s) of Chemical(s): Truck Batteries
Check all that apply: [ ] Pure [ ] Mix [ ] Solid [ ] Liquid [ ] Gas [ ] EHS

Physical and Health Hazards (Check all that apply)

[ ] Fire
[ ] Sudden Release Of Pressure
[ ] Reactivity
[ ] Immediate (acute)
[ ] Delayed(chronic)

Inventory

Max Amount (code): 01
Avg. Amount (code): 01
No. of Days Present: 120

Storage Codes and Locations (Non-Confidential)

outside Garage.

OPTIONAL: Check box if information submitted is identical to last year [ ]

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 2, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate and complete.

Vincent Allegretti General Manager
Name and official title of owner/operator OR owner/operator's authorized representative | Signature | Date signed

OPTIONAL: I have attached a site plan [ ]

2002

Revised 11/01 *Important: Read all instructions before completing form* Reporting period: From January 1 to December 31, 2001 Page 2 of 2 pages

NEW YORK CITY Right-to-Know FACILITY INVENTORY FORM

TIER TWO

SARA III

Facility Identification

Name Bayside fuel oil Depot Corp.
Street 285 Bond Street
City Brooklyn State NY Zip+4 11231
Telephone (718) 946-8820 County Kings
SIC Code 5171 Dun & Brad. Number 01 248 9704

For Official Use Only: ID# Date Received

Owner/Operator

Name Bayside fuel Depot Phone (718) 372-9800
Mail Address 1776 Shore Parkway
Brooklyn NY 11214-6598

Emergency Contact

Name Vincent Allegretti Title General Meneger
Day Phone (718) 372-9800 24-hr phone (917) 641-2052
Name Scott Vitello Title Terminal operations
Day Phone (718) 372-9800 24-hr phone (917) 400-5612

Chemical Description

Chemical 1

CAS [ ] Trade Secret [ ]
Name(s) of Chemical(s): Brake Dryer / Air Brake Alcohol
Check all that apply: [ ] Pure [ ] Mix [ ] Solid [ ] Liquid [ ] Gas [ ] EHS

Physical and Health Hazards (Check all that apply)
- [X] Fire
- [ ] Sudden Release Of Pressure
- [ ] Reactivity
- [X] Immediate (acute)
- [X] Delayed(chronic)

Inventory
- Max Amount (code): 03
- Avg. Amount (code): 03
- No. of Days Present: 365

Storage Codes and Locations (Non-Confidential) — Storage Locations; Pressure; Temperature

OPTIONAL: [ ] Check box if information submitted is identical to last year

Chemical 2

CAS [ ] Trade Secret [ ]
Name(s) of Chemical(s):
Check all that apply: [ ] Pure [ ] Mix [ ] Solid [ ] Liquid [ ] Gas [ ] EHS

Physical and Health Hazards (Check all that apply)
- [ ] Fire
- [ ] Sudden Release Of Pressure
- [ ] Reactivity
- [ ] Immediate (acute)
- [ ] Delayed(chronic)

Inventory
- Max Amount (code):
- Avg. Amount (code):
- No. of Days Present:

Storage Codes and Locations (Non-Confidential) — Storage Locations; Pressure; Temperature

OPTIONAL: [ ] Check box if information submitted is identical to last year

Chemical 3

CAS [ ] Trade Secret [ ]
Name(s) of Chemical(s):
Check all that apply: [ ] Pure [ ] Mix [ ] Solid [ ] Liquid [ ] Gas [ ] EHS

Physical and Health Hazards (Check all that apply)
- [ ] Fire
- [ ] Sudden Release Of Pressure
- [ ] Reactivity
- [ ] Immediate (acute)
- [ ] Delayed(chronic)

Inventory
- Max Amount (code):
- Avg. Amount (code):
- No. of Days Present:

Storage Codes and Locations (Non-Confidential) — Storage Locations; Pressure; Temperature

OPTIONAL: [ ] Check box if information submitted is identical to last year

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 2, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate and complete.

Vincent Allegretti. Gereral Manager
Name and official title of owner/operator OR owner/operator's authorized representative — Signature — Date signed

OPTIONAL: I have attached a site plan [ ]

Revised 11/01 *Important: Read all instructions before completing form* Reporting period: From January 1 to December 31, 2001 Page 1 of 1 pages

NEW YORK CITY Right-to-Know FACILITY INVENTORY FORM

TIER TWO

SARA III

Facility Identification

Name Bayside fuel oil Depot Corp.
Street 510 Sackett Street
City Brooklyn State NY Zip+4 11231-5020
Telephone (718) 625-5932 County Kings
SIC Code 5171 Dun & Brad. Number 01 248 9704

For Official Use Only ID# Date Received

Owner/Operator

Name BaySide fuel Depot Phone (718) 372-9800
Mail Address 1776 SHore Parkway
Brooklyn NY 11214-6598

Emergency Contacts

Name Vincent Allegretti Title General Maneger
Day Phone (718) 372-9800 24-hr phone (917) 641-2052
Name Scott Vitello Title Terminal operations
Day Phone (718) 372-9800 24-hr phone (917) 400-5612

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Storage Locations (Container / Pressure / Temperature)	OPTIONAL
CAS 8008 20 6 Trade Secret ☐ Name(s) of Chemical(s): Kerosene Check all that apply: [ ] Pure [✓] Mix [ ] Solid [✓] Liquid [ ] Gas [ ] EHS	[X] Fire [ ] Sudden Release Of Pressure [ ] Reactivity [X] Immediate (acute) [X] Delayed(chronic)	06 Max Amount (code) 05 Avg. Amount (code) 365 No. of Days Present	B 1 4 Located in Mounded TANK Directly Behind RACK TANK D	Check box if information submitted is identical to last year [X]
CAS 68476 30 2 Trade Secret ☐ Name(s) of Chemical(s): ~~X~~2 fuel oil Check all that apply: [ ] Pure [✓] Mix [ ] Solid [✓] Liquid [ ] Gas [ ] EHS	[X] Fire [ ] Sudden Release Of Pressure [ ] Reactivity [X] Immediate (acute) [X] Delayed(chronic)	06 Max Amount (code) 06 Avg. Amount (code) 365 No. of Days Present	B 1 4 Mounded in TANKS A, B and E Behind Rack	Check box if information submitted is identical to last year [X]
CAS 68476 34 2 Trade Secret ☐ Name(s) of Chemical(s): Diesel fuel Check all that apply: [ ] Pure [✓] Mix [ ] Solid [✓] Liquid [ ] Gas [ ] EHS	[X] Fire [ ] Sudden Release Of Pressure [ ] Reactivity [X] Immediate (acute) [X] Delayed(chronic)	06 Max Amount (code) 05 Avg. Amount (code) 365 No. of Days Present	B 1 4 Mounded in TANK C Behind RACK	Check box if information submitted is identical to last year [X]

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 1, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate and complete.

Vincent Allegretti Gereral Manager

Name and official title of owner/operator OR owner/operator's authorized representative Signature Date signed

OPTIONAL

I have attached a site plan ☐

Revised 11/01 *Important: Read all instructions before completing form* Reporting period: From January 1 to December 31, 2001 Page 1 of 1 pages

NEW YORK CITY Right-to-Know FACILITY INVENTORY FORM

TIER TWO

SARA II

Facility Identification

Name Bayside fuel oil Depot Corp.
Street 537 SMith Street
City Brooklyn State NY Zip+4 11231-3938
Telephone (718) 946-1280 County Kings
SIC Code 5171 Dun & Brad. Number 01 248 9704

For Official Use Only: ID#: Date Received:

Emergency Contacts: Owner/Operator

Name Bayside fuel Depot Phone (718) 372-9800
Mail Address 1776 Shore Parkway
Brooklyn NY 11214-6598
Name Vincent Allegretti Title General Manager
Day Phone (718) 372-9800 24-hr phone (917) 641-2052
Name Scott Vitello Title Terminal operations
Day Phone (718) 372-9800 24-hr phone (917) 400-5612

Chemical Description

Physical and Health Hazards
Check all that apply

Inventory

Storage Codes and Locations (Non-Confidential)
Storage Locations

Container Type / Pressure / Temperature

OPTIONAL

CAS 68476302 Trade Secret ☐

Name(s) of Chemical(s): #2 fuel oil

Check all that apply: [ ] Pure [X] Mix [ ] Solid [X] Liquid [ ] Gas [ ] EHS

Physical and Health Hazards:
- [X] Fire
- [ ] Sudden Release Of Pressure
- [ ] Reactivity
- [X] Immediate (acute)
- [X] Delayed (chronic)

Inventory:
- Max Amount (code): 06
- Avg. Amount (code): 06
- No. of Days Present: 365

Storage Codes and Locations (Non-Confidential):
- A 1 4 — Located in the only 2 Above GRound tanks at the terminal
- TANKS 4 and 5

OPTIONAL: Check box if information submitted is identical to last year [X]

CAS 68476311 Trade Secret ☐

Name(s) of Chemical(s): #4 oil

Check all that apply: [ ] Pure [X] Mix [ ] Solid [X] Liquid [ ] Gas [ ] EHS

Physical and Health Hazards:
- [X] Fire
- [ ] Sudden Release Of Pressure
- [ ] Reactivity
- [X] Immediate (acute)
- [X] Delayed (chronic)

Inventory:
- Max Amount (code): 06
- Avg. Amount (code): 05
- No. of Days Present: 365

Storage Codes and Locations (Non-Confidential):
- B 1 4 — IN Mounded tank Behind RACK TANK #3
- C 1 4 — Garage

OPTIONAL: Check box if information submitted is identical to last year [X]

CAS 68553004 Trade Secret ☐

Name(s) of Chemical(s): #6 fuel oil

Check all that apply: [ ] Pure [X] Mix [ ] Solid [X] Liquid [ ] Gas [ ] EHS

Physical and Health Hazards:
- [X] Fire
- [ ] Sudden Release Of Pressure
- [ ] Reactivity
- [X] Immediate (acute)
- [X] Delayed (chronic)

Inventory:
- Max Amount (code): 06
- Avg. Amount (code): 06
- No. of Days Present: 365

Storage Codes and Locations (Non-Confidential):
- B 1 5 — IN Mounded tank Behind RACK TANKS #1 AND #2

OPTIONAL: Check box if information submitted is identical to last year [X]

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 1, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate and complete.

Vincent Allegretti. Gereral Manager
Name and official title of owner/operator OR owner/operator's authorized representative

Signature

Date signed

OPTIONAL: I have attached a site plan ☐

Revised 11/00 *Important: Read all instructions before completing form* Reporting period: From January 1 to December 31, 2000 Page 1 of 1 pages

NEW YORK CITY Right-to-Know FACILITY INVENTORY FORM
TIER TWO

SARA III

Facility Identification

Name BAYSide fuel oil Depot Corp.
Street 537 Smith Street
City Brooklyn State NY Zip+4 11231-3938
Telephone (718) 946-1280 County Kings
SIC Code 5171 Dun & Brad. Number 01 248 9704

For Official Use Only - ID#: Date Received:

Owner/Operator

Name BAYSide fuel oil Depot Phone (718) 372-9800
Mail Address 1776 Shore Parkway
Brooklyn NY 11214-6598

Emergency Contacts

Name Vincent Allegretti Title General Manager
Day Phone (718) 372-9800 24-hr phone (917) 641-2052
Name Scott Vitello Title Terminal operations
Day Phone (718) 372-9800 24-hr phone (917) 968-3954

Chemical Description

Physical and Health Hazards (Check all that apply)

Inventory

Storage Codes and Locations (Non-Confidential) — Storage Locations

Container Pressure Temperature

OPTIONAL

CAS 68476 30 2 Trade Secret ☐
Name(s) of Chemical(s): #2 Fuel oil
Check all that apply: [ ] Pure [X] Mix [ ] Solid [X] Liquid [ ] Gas [ ] EHS

Physical and Health Hazards: [X] Fire; [ ] Sudden Release Of Pressure; [ ] Reactivity; [X] Immediate (acute); [X] Delayed (chronic)

Inventory: Max Amount (code) 06; Avg. Amount (code) 06; No. of Days Present 365

Storage Codes and Locations: A 1 4 — Located in the ONLY ABove Ground TANKS At the terminal

Optional: Check box if information submitted is identical to last year: [X]

CAS 68476 31 3 Trade Secret ☐
Name(s) of Chemical(s): #4 fuel oil
Check all that apply: [ ] Pure [ ] Mix [ ] Solid [ ] Liquid [ ] Gas [ ] EHS

Physical and Health Hazards: [X] Fire; [ ] Sudden Release Of Pressure; [ ] Reactivity; [X] Immediate (acute); [X] Delayed (chronic)

Inventory: Max Amount (code) 06; Avg. Amount (code) 05; No. of Days Present 365

Storage Codes and Locations: B 1 4 — Located in the Mounded TANKS - TANK #3 -
C 1 4 — Boiler fuel TANK Located in Garage

Optional: Check box if information submitted is identical to last year: [X]

CAS 68553 00 4 Trade Secret ☐
Name(s) of Chemical(s): #6 fuel oil
Check all that apply: [ ] Pure [X] Mix [ ] Solid [X] Liquid [ ] Gas [ ] EHS

Physical and Health Hazards: [X] Fire; [ ] Sudden Release Of Pressure; [ ] Reactivity; [X] Immediate (acute); [X] Delayed (chronic)

Inventory: Max Amount (code) 06; Avg. Amount (code) 06; No. of Days Present 365

Storage Codes and Locations: B 1 5 — Located IN Mounded TANKS
TANK #1 AND #2

Optional: Check box if information submitted is identical to last year: [X]

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 1, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate and complete.

Vincent Allegretti General Manager
Name and official title of owner/operator OR owner/operator's authorized representative

Signature

OPTIONAL: I have attached a site plan ☐

2000

Revised 11/00 *Important: Read all instructions before completing form* Reporting period: From January 1 to December 31, 2000 Page 1 of 1 pages

NEW YORK CITY Right-to-Know FACILITY INVENTORY FORM
TIER TWO
SARA III

Facility Identification
Name BAYSide Fuel oil Depot Corp.
Street 510 SAcKett Street
City Brooklyn State NY Zip+4 11231-5020
Telephone (718) 946-8220 County Kings
SIC Code 5171 Dun & Brad. Number 01 248 9704
For Official Use Only ID# Date Received

Owner/Operator
Name BAYSide fuel Depot Phone (718) 372-9800
Mail Address 1776 SHore ParkwAY
Brooklyn NY 11214-6598

Emergency Contacts
Name Vincent Allegretti Title General Manager
Day Phone (718) 372-9800 24-hr phone (917) 641-2052
Name Scott Vitello Title Terminal operations
Day Phone (718) 372-9800 24-hr phone (917) 968-3954

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Storage Locations (Container / Pressure / Temperature)	OPTIONAL
CAS 8008 20 6 Trade Secret ☐ Name(s) of Chemical(s): Kerosene Check all that apply: [ ] Pure [✓] Mix [ ] Solid [✓] Liquid [ ] Gas [ ] EHS	[X] Fire [ ] Sudden Release Of Pressure [ ] Reactivity [X] Immediate (acute) [X] Delayed(chronic)	06 Max Amount (code) 05 Avg. Amount (code) 365 No. of Days Present	B 1 4 Located in Mounded TANK D Directly Behind Loading RACK	Check box if information submitted is identical to last year [X]
CAS 68476 30 2 Trade Secret ☐ Name(s) of Chemical(s): #2 fuel oil Check all that apply: [ ] Pure [✓] Mix [ ] Solid [✓] Liquid [ ] Gas [ ] EHS	[X] Fire [ ] Sudden Release Of Pressure [ ] Reactivity [X] Immediate (acute) [X] Delayed(chronic)	06 Max Amount (code) 06 Avg. Amount (code) 365 No. of Days Present	B 1 4 Located Directly Behind Loading RACKS (TANKS A, B, And E)	Check box if information submitted is identical to last year [X]
CAS 68476 30 2 Trade Secret ☐ Name(s) of Chemical(s): Diesel fuel Check all that apply: [ ] Pure [✓] Mix [ ] Solid [✓] Liquid [ ] Gas [ ] EHS	[X] Fire [ ] Sudden Release Of Pressure [ ] Reactivity [X] Immediate (acute) [X] Delayed(chronic)	06 Max Amount (code) 05 Avg. Amount (code) 365 No. of Days Present	B 1 4 Located in Mounded TANKS Directly Behind RACKS TANK C	Check box if information submitted is identical to last year [X]

Certification (Read and sign after completing all sections)
I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 1, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate and complete.

Vincent Allegretti General Manager
Name and official title of owner/operator OR owner/operator's authorized representative Signature Date signed

OPTIONAL
I have attached a site plan ☐

Revised 11/00 *Important: Read all instructions before completing form* Reporting period: From January 1 to December 31, 2000 Page 1 of 1 pages

NEW YORK CITY Right-to-Know FACILITY INVENTORY FORM TIER TWO

Name BAYSIDE FUEL OIL CORP.
Street 285 BOND STREET
City BKLYN State NY Zip+4 11214
Telephone (718) 946-4000 County KINGS
SIC Code 5171 Dun & Brad. Number 01 248 9646

3737

Name BAYSIDE FUEL OIL Phone (718) 946-4000
Mail Address 1820 CROPSEY AVENUE BROOKLYN, NY 11214
Name VICTOR V. ALLEGRETTI Title PRESIDENT
Day Phone (718) 946-4000 24-hr phone (718) 946-4000
Name BART ALLEGRETTI Title GEN. MANAGER
Day Phone (718) 946-4000 24-hr phone (718) 946-4000

CAS	Name(s) of Chemical(s)	Check all that apply	Fire	Sudden Release Of Pressure	Reactivity	Immediate (acute)	Delayed (chronic)	Location	Amount
	WASTE OIL	[ ] Pure [ ] Mix [ ] Solid [ ] Liquid [ ] Gas [ ] EHS	XX			XX	XX	A14 1) 225 gallon tank	XX
	PETROLEUM OIL Motor Oil	[ ] Pure [ ] Mix [ ] Solid [ ] Liquid [ ] Gas [ ] EHS	XX			XX	XX	A14 2) 275 gallon tanks	XX
		[ ] Pure [ ] Mix [ ] Solid [ ] Liquid [ ] Gas [ ] EHS							

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through ____, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate and complete.

VICTOR V. ALLEGRETTI, PRES.

Name and official title of owner/operator OR owner/operator's authorized representative — Signature — Date signed 2/23/2001

I have attached a site plan

TOTAL P.01

(718) 266-3744

Revised 12/97 Important: Read all instructions before completing form Reporting Period: From January 1 to December 31, 19 97 Page (1) of (7) pages

NEW YORK CITY Right-to-Know FACILITY INVENTORY FORM

TIER TWO

Facility Identification

Name BAYSIDE FUEL OIL DEPOT CORP.
Street 537 SMITH ST
City BROOKLYN State NY Zip+4 11231
Telephone (718) 946-1280 County KINGS
SIC Code 5171 Dun & Brad. Number 01-248-9704

For Official Use only: ID # Date Received

Owner/Operator

Name ALFRED ALLEGRETTI Phone (718) 372-9800
Mail Address 1776 SHORE PARKWAY
BROOKLYN NY 11214

Emergency Contacts

Name ALFRED ALLEGRETTI Title PRESIDENT
Day Phone (718) 372-9800 24-hour Phone (718) 680-4256
Name VINCENT ALLEGRETTI Title GENERAL MANAGER
Day Phone (718) 372-9800 24-hour Phone (718) 836-6926

Chemical Description

Physical and Health Hazards (Check all that apply)

Inventory

Container Pressure Temperature

Storage Codes and Locations (Non-Confidential) — Storage Locations

OPTIONAL

CAS 1618141716 30 2 Trade Secret ☐
Name(s) of Chemical(s): #2 FUEL OIL
Check all that apply: [X] Pure [ ] Mix [ ] Solid [X] Liquid [ ] Gas [ ] EHS

Physical and Health Hazards: [X] Fire; [ ] Sudden Release of Pressure; [ ] Reactivity; [X] Immediate (acute); [X] Delayed (chronic)

Inventory: 06 Max. Amount (code); 06 Avg. Amount (code); 365 No. of Days Present

Container Pressure Temperature: A 1 4

Storage Codes and Locations (Non-Confidential) — Storage Locations: HEATING FUEL. LOCATED IN THE ONLY TWO ABOVE GROUND TANKS DIRECTLY BEHIND LOADING RACKS

OPTIONAL: [ ] Check box if information submitted is identical to last year

CAS 1618141716 31 3 Trade Secret ☐
Name(s) of Chemical(s): #4 FUEL OIL
Check all that apply: [X] Pure [ ] Mix [ ] Solid [X] Liquid [ ] Gas [ ] EHS

Physical and Health Hazards: [X] Fire; [ ] Sudden Release of Pressure; [ ] Reactivity; [X] Immediate (acute); [X] Delayed (chronic)

Inventory: 06 Max. Amount (code); 05 Avg. Amount (code); 365 No. of Days Present

Container Pressure Temperature: B 1 4; A 1 4

Storage Codes and Locations (Non-Confidential) — Storage Locations: HEATING FUEL. LOCATED IN UST'S BEHIND LOADING RACKS (1) BOILER FUEL TANK LOCATED IN THE GARAGE SEE SITE PLAN

OPTIONAL: [ ] Check box if information submitted is identical to last year

CAS 1618151513 010 4 Trade Secret ☐
Name(s) of Chemical(s): #6 FUEL OIL
Check all that apply: [X] Pure [ ] Mix [ ] Solid [X] Liquid [ ] Gas [ ] EHS

Physical and Health Hazards: [X] Fire; [ ] Sudden Release of Pressure; [ ] Reactivity; [X] Immediate (acute); [X] Delayed (chronic)

Inventory: 06 Max. Amount (code); 06 Avg. Amount (code); 365 No. of Days Present

Container Pressure Temperature: B 1 4

Storage Codes and Locations (Non-Confidential) — Storage Locations: HEATING FUEL LOCATED IN UST'S DIRECTLY BEHIND LOADING RACKS

OPTIONAL: [ ] Check box if information submitted is identical to last year

Certification (Read and Sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through _____, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete

ALFRED ALLEGRETTI PRESIDENT — Name and official title of owner/operator OR owner/operator's authorized representative

Alfred Allegretti — Signature

2/20/98 — Date Signed

OPTIONAL: [X] I have attached a site plan.

1997

Revised 12/95 *Important Read all instructions before completing form* Reporting Period From January 1 to December 31, 1995 Page 1 of 1 pages

NEW YORK CITY Right-to-Know FACILITY INVENTORY FORM

TIER TWO

Facility Identification

Name BAYSIDE FUEL OIL DEPOT CORP
Street 510 - SACKETT STREET
City BROOKLYN State NY Zip+4 11231-5020
Telephone (718) 625-5932 County KINGS
SIC Code 5171 Dun & Brad. Number 01 248 9704

For Official Use only: ID # Date Received

Owner/Operator

Name BAYSIDE FUEL OIL Depot Corp Phone (718) 372-9800
Mail Address 1776 - SHORE PARKWAY.
BROOKLYN NY 11214-6598

Emergency Contacts

Name ALFRED ALLEGRETTI Title PRESIDENT
Day Phone (718) 372-9800 24-hour Phone (718) 372-9800
Name VINCENT ALLEGRETTI Title MANAGER
Day Phone (718) 625-5932 24-hour Phone (718) 625-5932

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Container Pressure Temperature	Storage Codes and Locations (Non-Confidential) Storage Locations	OPTIONAL
CAS [ ] Trade Secret [ ] Name(s) of Chemical(s): FUEL OIL HEATING DIESEL FUEL Check all that apply: [X] Pure [ ] Mix [ ] Solid [X] Liquid [ ] Gas [ ] EHS	[X] Fire [ ] Sudden Release of Pressure [ ] Reactivity [X] Immediate(acute) [ ] Delayed(chronic)	06 Max. Amount (code) 06 Avg. Amount (code) 365 No. of Days Present	B 1 5	LARGE MOUNDED TANK FARM.	Check box if information submitted is identical to last year [X]
CAS [ ] Trade Secret [ ] Name(s) of Chemical(s): FUEL OIL HEATING. Check all that apply: [X] Pure [ ] Mix [ ] Solid [X] Liquid [ ] Gas [ ] EHS	[X] Fire [ ] Sudden Release of Pressure [ ] Reactivity [X] Immediate(acute) [ ] Delayed(chronic)	03 Max. Amount (code) 03 Avg. Amount (code) 365 No. of Days Present	B 1 4	1-1000 GALLON HEATING OIL TANK BURIED	Check box if information submitted is identical to last year [X]
CAS [ ] Trade Secret [ ] Name(s) of Chemical(s): Check all that apply: [ ] Pure [ ] Mix [ ] Solid [ ] Liquid [ ] Gas [ ] EHS	[ ] Fire [ ] Sudden Release of Pressure [ ] Reactivity [ ] Immediate(acute) [ ] Delayed(chronic)	Max. Amount (code) Avg. Amount (code) No. of Days Present			Check box if information submitted is identical to last year [X]

Certification *(Read and sign after completing all sections)*

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through _____, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete

ALFRED ALLEGRETTI - PRESIDENT — Name and official title of owner/operator OR owner operator's authorized representative

[signature] — Signature

2-12-96 — Date Signed

OPTIONAL

[ ] I have attached a site plan

1995

Revised 12/95 *Important: Read all instructions before completing form* Reporting Period: From January 1 to December 31, 19 95 Page 1 of 1 pages

NEW YORK CITY Right-to-Know FACILITY INVENTORY FORM

TIER TWO

Facility Identification

Name BAYSIDE FUEL OIL Depot CORP
Street 537-SMITH STREET
City BROOKLYN State NY Zip+4 11231-5020
Telephone (718) 946-1280 County KINGS
SIC Code 5171 Dun & Brad. Number 01 248 9704

For Official Use only: ID # Date Received

Owner/Operator

Name BAYSIDE FUEL OIL Depot Corp Phone (718) 372-9800
Mail Address 1776-SHORE PARKWAY, BROOKLY, NEW YORK 11214-6598

Emergency Contacts

Name ALFRED ALLEGRETTI Title PRESIDENT
Day Phone (718) 372-9800 24-hour Phone (718) 372-9800
Name VINCENT ALLEGRETTI Title MANAGER
Day Phone (718) 625-5932 24-hour Phone (718) 625-5932

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Container Pressure Temperature	Storage Codes and Locations (Non-Confidential) Storage Locations	OPTIONAL
CAS [ ] Trade Secret [ ] Name(s) of Chemical(s): HEATING OIL HEATING OIL Check all that apply: [X] Pure [ ] Mix [ ] Solid [X] Liquid [ ] Gas [ ] EHS	[X] Fire [ ] Sudden Release of Pressure [ ] Reactivity [X] Immediate(acute) [ ] Delayed(chronic)	06 Max. Amount (code) 06 Avg. Amount (code) 180 No. of Days Present		FUEL OIL A 1 5 LARGE ABOVE GROUND TANK A 1 5 ABOVE GROUND HEATING OIL TANK	Check box if information submitted is identical to last year [X]
CAS [ ] Trade Secret [ ] Name(s) of Chemical(s): HEATING OIL Check all that apply: [X] Pure [ ] Mix [ ] Solid [X] Liquid [ ] Gas [ ] EHS	[X] Fire [ ] Sudden Release of Pressure [ ] Reactivity [X] Immediate(acute) [ ] Delayed(chronic)	06 Max. Amount (code) 05 Avg. Amount (code) 180 No. of Days Present		B 1 5 MOUNDED OIL TANK	Check box if information submitted is identical to last year [X]
CAS [ ] Trade Secret [ ] Name(s) of Chemical(s): HEATING OIL Check all that apply: [X] Pure [ ] Mix [ ] Solid [X] Liquid [ ] Gas [ ] EHS	[X] Fire [ ] Sudden Release of Pressure [ ] Reactivity [X] Immediate(acute) [ ] Delayed(chronic)	04 Max. Amount (code) 04 Avg. Amount (code) 180 No. of Days Present		B 1 4 ABOVE GROUND VAULTED HEATING OIL TANK	Check box if information submitted is identical to last year [X]

Certification *(Read and sign after completing all sections)*

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through _____, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

ALFRED ALLEGRETTI PRESIDENT — Alfred Allegretti — 2-12-96

Name and official title of owner/operator OR owner/operator's authorized representative — Signature — Date Signed

OPTIONAL

[ ] I have attached a site plan.

CITY OF NEW YORK
Department of Environmental Protection
Division of Hazardous Materials Management
Right-to-Know Program
Fee Invoice

Make check or money order payable to: **NYC Commissioner of Finance** and should be stapled to this completed form or a copy of this form and sent in with your **FIF submission.**

Facility Name: BAYSIDE FUEL OIL CORP ID: 11-1177549

Location: 498 - Sackett St

Check Number	
TOTAL Number of Chemicals	1
Highest Amount of any single reportable substance	4000
Amount of Fee	$ 275.00
EHS Surcharge of 25% (if applicable)	0
Total Fee Paid	$ 275.00

For office use only:

Fee Paid_____

Fee Due_____

Balance Due_____

Initials:_____

Important: Read all instructions before completing form. Reporting Period From January 1 to December 31, 19 95 Page 1 of 1 pages

NEW YORK CITY Right-to-Know FACILITY INVENTORY FORM

TIER TWO

Facility Identification

Name BAYSIDE FUEL OIL CORP
Street 498 - SACKETT ST
City BKLYN State NY Zip+4 11231-2040
Telephone (718) 946-4000 County KINGS
SIC Code 5171 Dun & Brad. Number 01 248 9696

For Official Use only: ID # Date Received

Owner/Operator

Name BAYSIDE FUEL OIL CORP Phone (718) 946-4000
Mail Address 1810 - SHORE PARKWAY BROOKLYN, N.Y. 11214-6398

Emergency Contacts

Name VICTOR ALLEGRETTI Title PRESIDENT
Day Phone (718) 946-4000 24-hour Phone (718) 946-4000
Name BART ALLEGRETTI Title MANAGER
Day Phone (718) 946-4000 24-hour Phone (718) 946-4000

Chemical Description

Physical and Health Hazards (Check all that apply)

Inventory

Storage Codes and Locations (Non-Confidential) — Storage Locations

Container / Pressure / Temperature

OPTIONAL

Chemical 1

CAS 1 8 1 0 1 0 1 6 - 6 1 - 9 Trade Secret ☐

Name(s) of Chemical(s): GASOLINE

Check all that apply: [X] Pure [ ] Mix [ ] Solid [X] Liquid [ ] Gas [ ] EHS

Physical and Health Hazards: [X] Fire; [ ] Sudden Release of Pressure; [ ] Reactivity; [X] Immediate(acute); [ ] Delayed(chronic)

Inventory: Max Amount (code) 04; Avg. Amount (code) 02; No. of Days Present 365

Container / Pressure / Temperature: B 1 4

Storage Codes and Locations: 1 - 4000 GALLON DOUBLE WALL

OPTIONAL: ☐ Check box if information submitted is identical to last year

Chemical 2

CAS ☐ Trade Secret ☐

Name(s) of Chemical(s):

Check all that apply: [X] Pure [ ] Mix [ ] Solid [ ] Liquid [ ] Gas [ ] EHS

Physical and Health Hazards: [ ] Fire; [ ] Sudden Release of Pressure; [ ] Reactivity; [ ] Immediate(acute); [ ] Delayed(chronic)

Inventory: Max. Amount (code); Avg. Amount (code); No. of Days Present

OPTIONAL: ☐ Check box if information submitted is identical to last year

Chemical 3

CAS ☐ Trade Secret ☐

Name(s) of Chemical(s):

Check all that apply: [ ] Pure [ ] Mix [ ] Solid [ ] Liquid [ ] Gas [ ] EHS

Physical and Health Hazards: [ ] Fire; [ ] Sudden Release of Pressure; [ ] Reactivity; [ ] Immediate(acute); [ ] Delayed(chronic)

Inventory: Max. Amount (code); Avg. Amount (code); No. of Days Present

OPTIONAL: ☐ Check box if information submitted is identical to last year ☒

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through _____, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

ALFRED ALLEGRETTI VICE PRESIDENT. — Name and official title of owner/operator OR owner/operator's authorized representative

Signature

2-12-96 — Date Signed

OPTIONAL

☐ I have attached a site plan.

CITY OF NEW YORK
Department of Environmental Protection
Division of Hazardous Materials Management
Right-to-Know Program
Fee Invoice

Make check or money order payable to: NYC Commissioner of Finance and should be stapled to this completed form or a copy of this form and sent in with your FIF submission.

Facility Name: BAYSIDE FUEL OIL CORP ID: 11-1177549

Location: 285 - BOND STREET

Check Number	
TOTAL Number of Chemicals	2
Highest Amount of any single reportable substance	5,5000
Amount of Fee	325.00
EHS Surcharge of 25% (if applicable)	—
Total Fee Paid	325.00

For office use only:

Fee Paid_____

Fee Due_____

Balance Due_____

Initials:_____

Reporting Period From January 1 to December 31, 1995 Page 1 of 1 pages

NEW YORK CITY Right-to-Know FACILITY INVENTORY FORM

TIER TWO

Facility Identification

Name BAYSIDE FUEL OIL CORP.
Street 285-BOND STREET
City BROOKLYN State NY Zip+4 11212-5020
Telephone (718) 946-4000 County KINGS
SIC Code 5171 Dun & Brad. Number 02 248 9696

For Official Use only: ID # Date Received

Owner/Operator

Name BAYSIDE FUEL OIL CORP Phone (718) 946-4000
Mail Address 1810-SHORE PARKWAY
BROOKLYN, N.Y. 11214-6598

Emergency Contacts

Name VICTOR ALLEGRETTI Title PRESIDENT
Day Phone (718) 946-4000 24-hour Phone (718) 946-4000
Name BART ALLEGRETTI Title MANAGER
Day Phone (718) 946-4000 24-hour Phone (718) 946-4000

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Container Pressure Temperature	Storage Codes and Locations (Non-Confidential) Storage Locations	OPTIONAL
CAS [ ] Trade Secret [ ] Name(s) of Chemical(s): DIESEL. Check all that apply: [X] Pure [ ] Mix [ ] Solid [X] Liquid [ ] Gas [ ] EHS	[X] Fire [ ] Sudden Release of Pressure [ ] Reactivity [X] Immediate(acute) [ ] Delayed(chronic)	04 Max. Amount (code) [ ] Avg. Amount (code) 365 No. of Days Present	B14	10-550 GALLON BURIED OIL TANKS	Check box if information submitted is identical to last year [X]
CAS 18008 206 Trade Secret [ ] Name(s) of Chemical(s): KEROSENE Check all that apply: [X] Pure [ ] Mix [ ] Solid [X] Liquid [ ] Gas [ ] EHS	[X] Fire [ ] Sudden Release of Pressure [ ] Reactivity [X] Immediate(acute) [ ] Delayed(chronic)	04 Max. Amount (code) [ ] Avg. Amount (code) 365 No. of Days Present	B14	3-550 GALLON BURIED TANKS	Check box if information submitted is identical to last year [X]
CAS [ ] Trade Secret [ ] Name(s) of Chemical(s): Check all that apply: [ ] Pure [ ] Mix [ ] Solid [ ] Liquid [ ] Gas [ ] EHS	[ ] Fire [ ] Sudden Release of Pressure [ ] Reactivity [ ] Immediate(acute) [ ] Delayed(chronic)	[ ] Max. Amount (code) [ ] Avg. Amount (code) [ ] No. of Days Present			Check box if information submitted is identical to last year [ ]

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 1, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete

ALFRED ALLEGRETTI VICE PRESIDENT — Alfred Allegretti — FEB 12, 1996

Name and official title of owner/operator OR owner/operator's authorized representative — Signature — Date Signed

OPTIONAL

[ ] I have attached a site plan.

1999

CITY OF NEW YORK
Department of Environmental Protection
Division of Hazardous Materials Management
Right-to-Know Program
Fee Invoice

Your check or money order must be stapled to this completed form or a copy of this form and sent in with your FIF submission.

Facility Name: Bayside Fuel Oil Corp **ID:** 11-177549

Location: 1285 Bond Street, Bklyn, NY 11215

Check Number	58141
TOTAL Number of Chemicals	2
Highest Amount of any single reportable substance	5,500 Gallons
Amount of Fee	$325.00
EHS Surcharge of 25% (if applicable)	— 0 —
Total Fee Paid	$325.00

Revised 12/94 *Important: Read all instructions before completing form* Reporting Period: From January 1 to December 31, 19 94 Page of pages

NEW YORK CITY Right-to-Know FACILITY INVENTORY FORM

TIER TWO

Facility Identification

Name BAYSIDE FUEL OIL CORP
Street 285-BOND STREET 11215-5220
City BROOKLYN State NY Zip+4 11215-5020
Telephone (718) 946-4000 County KINGS
SIC Code 5171 Dun & Brad. Number 01 248 9696

For Official Use only: ID # Date Received

Owner/Operator

Name BAYSIDE FUEL OIL CORP Phone (718) 946-4000
Mail Address 1890-SHORE PARKWAY 11214-6598 BKLYN, NY

Emergency Contacts

Name VICTOR ALLEGRETTI Title PRESIDENT
Day Phone (718) 946-4000 24-hour Phone (718) 946-4000
Name BART ALLEGRETTI Title MANAGER
Day Phone (718) 946-4000 24-hour Phone (718) 946-4000

Chemical Description

CAS [ ] Trade Secret [ ]
Name(s) of Chemical(s): DIESEL FUEL
Check all that apply: [X] Pure [ ] Mix [ ] Solid [X] Liquid [ ] Gas [ ] EHS

CAS 18010821 06 Trade Secret [ ]
Name(s) of Chemical(s): KEROSENE
Check all that apply: [X] Pure [ ] Mix [ ] Solid [X] Liquid [ ] Gas [ ] EHS

CAS [ ] Trade Secret [ ]
Name(s) of Chemical(s):
Check all that apply: [ ] Pure [ ] Mix [ ] Solid [ ] Liquid [ ] Gas [ ] EHS

Physical and Health Hazards

Check all that apply

	Fire	Sudden Release of Pressure	Reactivity	Immediate (acute)	Delayed (chronic)
Chemical 1	X				
Chemical 2	X				
Chemical 3					

Inventory

	Max. Amount (code)	Avg. Amount (code)	No. of Days Present
Chemical 1	04		365
Chemical 2	04		365
Chemical 3			

Container Pressure Temperature

Chemical 1	B14
Chemical 2	B14
Chemical 3	

Storage Codes and Locations (Non-Confidential)

Storage Locations

Chemical 1: 10-550 GALLON BURIED TANKS
Chemical 2: 3-550 GALLON BURIED TANKS
Chemical 3:

OPTIONAL

Check box if information submitted is identical to last year

Chemical 1	[X]
Chemical 2	[X]
Chemical 3	[ ]

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through _____, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

ALFRED ALLEGRETTI — VICE PRESIDENT
Name and official title of owner/operator OR owner/operator's authorized representative

Alfred Allegretti
Signature

7/10/95
Date Signed

OPTIONAL

[ ] I have attached a site plan.

CITY OF NEW YORK
Department of Environmental Protection
Division of Hazardous Materials Management
Right-to-Know Program
Fee Invoice

Your check or money order must be stapled to this completed form or a copy of this form and sent in with your FIF submission.

Facility Name: BAYSIDE FUEL OIL CORP. **ID:** 11-1177549

Location: 498 - Sackett Street. Bklyn, NY 11231

Check Number	58143
TOTAL Number of Chemicals	1
Highest Amount of any single reportable substance	4000 GALLONS.
Amount of Fee	$ 275.00
EHS Surcharge of 25% (if applicable)	— 0 —
Total Fee Paid	$ 275.00

Revised 12/94 *Important: Read all instructons before completing form* Reporting Period: From January 1 to December 31, 19 94 Page of pages

NEW YORK CITY Right-to-Know FACILITY INVENTORY FORM

TIER TWO

Facility Identification

Name BAYSIDE FUEL OIL CORP
Street 498 - SACKETT STREET
City BROOKLYN State NY Zip+4 11231-5020
Telephone (718) 946-4000 County KINGS
SIC Code 5171 Dun & Brad. Number 01 248 9696

For Official Use only: ID # Date Received

Owner/Operator

Name BAYSIDE FUEL OIL CORP Phone (718) 946-4000
Mail Address 1816 - SHORE PARKWAY · BKLYN NY 11214-6598

Emergency Contacts

Name VICTOR ALLEGRETTI Title PRESIDENT
Day Phone (718) 946-4000 24-hour Phone (718) 946-4000
Name BART ALLEGRETTI Title MANAGER
Day Phone (718) 946-4000 24-hour Phone (718) 946-4000

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Container Pressure Temperature	Storage Codes and Locations (Non-Confidential) Storage Locations	OPTIONAL
CAS 1810 06 61 9 Trade Secret [ ] Name(s) of Chemical(s): GASOLINE Check all that apply: [X] Pure [ ] Mix [ ] Solid [X] Liquid [ ] Gas [ ] EHS	[X] Fire [ ] Sudden Release of Pressure [ ] Reactivity [ ] Immediate (acute) [ ] Delayed (chronic)	04 Max. Amount (code) 02 Avg. Amount (code) 365 No. of Days Present	B 1 4	ONE FOUR THOUSAND GALLON BURIED TANK	Check box if information submitted is identical to last year [✓]
CAS Trade Secret [ ] Name(s) of Chemical(s): Check all that apply: [ ] Pure [ ] Mix [ ] Solid [ ] Liquid [ ] Gas [ ] EHS	[ ] Fire [ ] Sudden Release of Pressure [ ] Reactivity [ ] Immediate (acute) [ ] Delayed (chronic)	Max. Amount (code) Avg. Amount (code) No. of Days Present			Check box if information submitted is identical to last year [ ]
CAS Trade Secret [ ] Name(s) of Chemical(s): Check all that apply: [ ] Pure [ ] Mix [ ] Solid [ ] Liquid [ ] Gas [ ] EHS	[ ] Fire [ ] Sudden Release of Pressure [ ] Reactivity [ ] Immediate (acute) [ ] Delayed (chronic)	Max. Amount (code) Avg. Amount (code) No. of Days Present			Check box if information submitted is identical to last year [ ]

Certification *(Read and sign after completing all sections)*

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through _____, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

ALFRED ALLEGRETTI - VICE PRESIDENT [signature] 2-10-95

Name and official title of owner/operator OR owner/operator's authorized representative Signature Date Signed

OPTIONAL

[ ] I have attached a site plan.

CITY OF NEW YORK
Department of Environmental Protection
Division of Hazardous Materials Management
Right-to-Know Program
Fee Invoice

Your check or money order must be stapled to this completed form or a copy of this form and sent in with your FIF submission.

Facility Name: BAYSIDE FUEL OIL Depot Corp **ID:** 11-2062415

Location: 510 - SACKETT ST. BROOKLYN, NY, 11231-5020

Check Number	
TOTAL Number of Chemicals	1
Highest Amount of any single reportable substance	1,000,000 GALLONS
Amount of Fee	$ 325.00
EHS Surcharge of 25% (if applicable)	— 0 —
Total Fee Paid	$325.00

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2/13/95

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CK
4/5/95

Revised 1994 Important: Read all instructions before completing form Reporting Period, From January 1 to December 31, 19 95 Page of pages

NEW YORK CITY Right-to-Know FACILITY INVENTORY FORM

TIER TWO

Facility Identification

Name BAYSIDE FUEL OIL Depot CORP.
Street 510 - SACKETT ST. 11231-5020
City BROOKLYN State NY Zip+4 11231-5020
Telephone (718) 625-5932 County KINGS
SIC Code 5171 Dun & Brad. Number 01 248 9704

For Official Use only: ID # Date Received

Owner/Operator

Name BAYSIDE FUEL OIL Depot Corp Phone (718) 372-9800
Mail Address 1776 - SHORE PKY. BKLYN, NY. 11214-6598

Emergency Contacts

Name ALFRED ALLEGRETTI Title PRESIDENT.
Day Phone (718) 372-9800 24-hour Phone (718) 372-9800
Name VINCENT ALLEGRETTI Title MANAGER
Day Phone (718) 625-5932 24-hour Phone (718) 625-5932

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Container Pressure Temperature	Storage Codes and Locations (Non-Confidential) Storage Locations	OPTIONAL
CAS [ ] Trade Secret [ ] Name(s) of Chemical(s): FUEL OIL HEATING. DIESEL FUEL. Check all that apply: [X] Pure [ ] Mix [ ] Solid [X] Liquid [ ] Gas [ ] EHS	[X] Fire [ ] Sudden Release of Pressure [ ] Reactivity [X] Immediate (acute) [ ] Delayed (chronic)	06 Max. Amount (code) 06 Avg. Amount (code) 365 No. of Days Present	B 1 5	LARGE MOUNDED TANK FARM.	Check box if information submitted is identical to last year [X]
CAS [ ] Trade Secret [ ] Name(s) of Chemical(s): FUEL OIL HEATING Check all that apply: [X] Pure [ ] Mix [ ] Solid [X] Liquid [ ] Gas [ ] EHS	[X] Fire [ ] Sudden Release of Pressure [ ] Reactivity [X] Immediate (acute) [ ] Delayed (chronic)	03 Max. Amount (code) 03 Avg. Amount (code) 365 No. of Days Present	B 1 4	1-1000 GALLON. HEATING OIL TANK. BURIED.	Check box if information submitted is identical to last year [X]
CAS [ ] Trade Secret [ ] Name(s) of Chemical(s): Check all that apply: [ ] Pure [ ] Mix [ ] Solid [ ] Liquid [ ] Gas [ ] EHS	[ ] Fire [ ] Sudden Release of Pressure [ ] Reactivity [ ] Immediate (acute) [ ] Delayed (chronic)	Max. Amount (code) Avg. Amount (code) No. of Days Present			Check box if information submitted is identical to last year [ ]

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through _____, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

ALFRED ALLEGRETTI - PRESIDENT [signature] 2-10-95

Name and official title of owner/operator OR owner/operator's authorized representative / Signature / Date Signed

OPTIONAL

[ ] I have attached a site plan.

CITY OF NEW YORK
Department of Environmental Protection
Division of Hazardous Materials Management
Right-to-Know Program
Fee Invoice

Your check or money order must be stapled to this completed form or a copy of this form and sent in with your FIF submission.

Facility Name: BAYSIDE FUEL OIL DEPOT CORP. **ID:** 11-2062415

Location: 537-Smith STREET, BROOKLYN, NY 11231

Check Number	
TOTAL Number of Chemicals	1
Highest Amount of any single reportable substance	900,000 GALLONS
Amount of Fee	$325.00
EHS Surcharge of 25% (if applicable)	— 0 —
Total Fee Paid	$ 325.00

1714 6
7/13/95

vol del
4/5/95

Revised 12/94 *Important: Read all instructons before completing form* Reporting Period: From January 1 to December 31, 19 94 Page of pages

NEW YORK CITY Right-to-Know FACILITY INVENTORY FORM

TIER TWO

Facility Identification

Name BAYSIDE FUEL OIL Depot Corp
Street 537 - Smith Street
City BROOKLYN State NY Zip+4 11231-5020
Telephone (718) 946-1280 County KINGS
SIC Code 5171 Dun & Brad. Number 01 248 9704

For Official Use only: ID # Date Received

Owner/Operator

Name BAYSIDE FUEL OIL Depot Corp Phone (718) 372-9800
Mail Address 1776 - SHORE PARKWAY BKLYN. NY 11214-6598

Emergency Contacts

Name ALFRED ALLEGRETTI Title PRESIDENT
Day Phone (718) 372-9800 24-hour Phone (718) 372-9800
Name VINCENT ALLEGRETTI Title MANAGER
Day Phone (718) 625-5932 24-hour Phone (718) 625-5932

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Container Pressure Temperature	Storage Codes and Locations (Non-Confidential) Storage Locations	(OPTIONAL)
CAS [ ] Trade Secret [ ] Name(s) of Chemical(s): HEATING OIL HEATING OIL Check all that apply: [X] Pure [ ] Mix [ ] Solid [X] Liquid [ ] Gas [ ] EHS	[X] Fire [ ] Sudden Release of Pressure [ ] Reactivity [X] Immediate (acute) [ ] Delayed (chronic)	06 Max. Amount (code) 06 Avg. Amount (code) 180 No. of Days Present	/	FUEL OIL A 1 5 LARGE ABOVE HEATING TANK A 1 5 ABOVE GROUND HEATING OIL TANK	Check box if information submitted is identical to last year [X]
CAS [ ] Trade Secret [ ] Name(s) of Chemical(s): HEATING OIL Check all that apply: [X] Pure [ ] Mix [ ] Solid [X] Liquid [ ] Gas [ ] EHS	[X] Fire [ ] Sudden Release of Pressure [ ] Reactivity [X] Immediate (acute) [ ] Delayed (chronic)	06 Max. Amount (code) 05 Avg. Amount (code) 180 No. of Days Present	B 1 5	MOUNDED OIL TANK.	Check box if information submitted is identical to last year [X]
CAS [ ] Trade Secret [ ] Name(s) of Chemical(s): HEATING OIL Check all that apply: [X] Pure [ ] Mix [ ] Solid [X] Liquid [ ] Gas [ ] EHS	[X] Fire [ ] Sudden Release of Pressure [ ] Reactivity [X] Immediate (acute) [ ] Delayed (chronic)	04 Max. Amount (code) 04 Avg. Amount (code) 180 No. of Days Present	B 1 4	ABOVE GROUND VAULTED HEATING OIL TANK.	Check box if information submitted is identical to last year [X]

Certification *(Read and sign after completing all sections)*

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through _____, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

ALFRED ALLEGRETTI PRESIDENT — Alfred Allegretti — FEB 10 1995

Name and official title of owner/operator OR owner/operator's authorized representative — Signature — Date Signed

OPTIONAL

[ ] I have attached a site plan.

1115

CITY OF NEW YORK
Department of Environmental Protection
Division of Hazardous Materials Management
Right-to-Know Program
Fee Invoice

Your check or money order must be stapled to this completed form or a copy of this form and sent in with your FIF submission.

Facility Name: Bayside Fuel Oil Corp. **ID:** 11-1177549

Location: 498 Sackett St. Bklyn, NY 11231

Check Number	_____
TOTAL Number of Chemicals	1
Highest Amount of any single reportable substance	400.00
Amount of Fee	275.00
EHS Surcharge of 25% (if applicable)	— 0 —
Total Fee Paid	275.00

7/18/89
CK J6289

Revised 12/93 Important. Read all instructions before completing form Reporting Period: From January 1 to December 31, 1993 Page of pages

NEW YORK CITY Right-to-Know FACILITY INVENTORY FORM

TIER TWO

Facility Identification

Name BAYSIDE FUEL OIL CORP
Street 498-SACKETT ST.
City BKLYN State NY Zip+4 11231-5020
Telephone (718) 946-4000 County KINGS
SIC Code [ ] Dun & Brad. Number 01 248 9696

For Official Use only: ID # Date Received

Owner/Operator

Name BAYSIDE FUEL OIL CORP Phone (718) 946-4000
Mail Address 1810-SHORE PARKWAY - BKLYN. NY 11214-[illegible]

Emergency Contacts

Name VICTOR ALLEGRETTI Title PRES
Day Phone (718) 946-4000 24-hour Phone (718) 946-4000
Name BART ALLEGRETTI Title MGR
Day Phone (718) 946-4000 24-hour Phone (718) 946-4000

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Container / Pressure / Temperature	Storage Codes and Locations (Non-Confidential) Storage Locations	OPTIONAL
CAS 8 0 0 6 6 1 1 9 Trade Secret [ ] Name(s) of Chemical(s): GASOLINE Check all that apply: [X] Pure [ ] Mix [ ] Solid [X] Liquid [ ] Gas [ ] EHS	[X] Fire [ ] Sudden Release of Pressure [ ] Reactivity [ ] Immediate(acute) [ ] Delayed(chronic)	04 Max. Amount (code) [ ] Avg. Amount (code) 365 No. of Days Present		1- 4000 GALLON BURIED TANK.	Check box if information submitted is identical to last year [✓]
CAS [ ] Trade Secret [ ] Name(s) of Chemical(s): Check all that apply: [ ] Pure [ ] Mix [ ] Solid [ ] Liquid [ ] Gas [ ] EHS	[ ] Fire [ ] Sudden Release of Pressure [ ] Reactivity [ ] Immediate(acute) [ ] Delayed(chronic)	[ ] Max. Amount (code) [ ] Avg. Amount (code) [ ] No. of Days Present			Check box if information submitted is identical to last year [ ]
CAS [ ] Trade Secret [ ] Name(s) of Chemical(s): Check all that apply: [ ] Pure [ ] Mix [ ] Solid [ ] Liquid [ ] Gas [ ] EHS	[ ] Fire [ ] Sudden Release of Pressure [ ] Reactivity [ ] Immediate(acute) [ ] Delayed(chronic)	[ ] Max. Amount (code) [ ] Avg. Amount (code) [ ] No. of Days Present			Check box if information submitted is identical to last year [ ]

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through _____, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

ALFRED ALLEGRETTI - VP - [signature] 2/18/94

Name and official title of owner/operator OR owner/operator's authorized representative Signature Date Signed

OPTIONAL

[ ] I have attached a site plan.

CITY OF NEW YORK
Department of Environmental Protection
Division of Hazardous Materials Management
Right-to-Know Program
Fee Invoice

Your check or money order must be stapled to this completed form or a copy of this form and sent in with your FIF submission.

Facility Name: BAYSIDE FUEL OIL CORP. ID: 11-1177549.

Location: 285 BOND STREET BKLYN, NY 11215

Check Number	
TOTAL Number of Chemicals	2
Highest Amount of any single reportable substance	5,500 GALLONS
Amount of Fee	$ 325.00
EHS Surcharge of 25% (if applicable)	None
Total Fee Paid	$ 325.00

2/18/90
CK 56291

Revised 12/93 *Important. Read all instructions before completing form* Reporting Period: From January 1 to December 31, 19 93 Page 01 Pages

NEW YORK CITY Right-to-Know FACILITY INVENTORY FORM

TIER TWO

Facility Identification

Name BAYSIDE FUEL OIL CORP
Street 285- BOND ST. BKLYN, NY 11215
City BKLYN State NY Zip+4 11215
Telephone (718) 946-4000 County KINGS.
SIC Code | | | | Dun & Brad. Number 01 248 96 96

For Official Use only: ID # Date Received

Emergency Owner/Operator Contacts

Name BAYSIDE FUEL OIL CORP Phone (718) 946-4000
Mail Address 1810 - SHORE PARKWAY BKLYN, NY 11214-5620

Name VICTOR ALLEGRETTI Title PRES.
Day Phone (718) 946-4000 24-hour Phone (718) 946-4000

Name BART ALLEGRETTI Title MGR
Day Phone (718) 946-4000 24-hour Phone (718) 946-4000

Chemical Description

Physical and Health Hazards (Check all that apply)

Inventory

Container Pressure Temperature

Storage Codes and Locations (Non-Confidential) Storage Locations

OPTIONAL

Chemical 1

CAS | | | | | | | | | | | | Trade Secret [ ]

Name(s) of Chemical(s): DIESEL FUEL.

Check all that apply: [X] Pure [ ] Mix [ ] Solid [X] Liquid [ ] Gas [ ] EHS

Physical and Health Hazards: [X] Fire; [ ] Sudden Release of Pressure; [ ] Reactivity; [ ] Immediate(acute); [ ] Delayed(chronic)

Inventory: 04 Max. Amount (code); [ ] Avg. Amount (code); 365 No. of Days Present

Container Pressure Temperature: B 1 4

Storage Codes and Locations (Non-Confidential) Storage Locations: (10) 550 GALLON BURIED DISEL FUEL TANKS

OPTIONAL: [✓] Check box if information submitted is identical to last year

Chemical 2

CAS 8008206 | | Trade Secret [ ]

Name(s) of Chemical(s): ~~GASO~~ KEROSENE.

Check all that apply: [X] Pure [ ] Mix [ ] Solid [X] Liquid [ ] Gas [ ] EHS

Physical and Health Hazards: [X] Fire; [ ] Sudden Release of Pressure; [ ] Reactivity; [ ] Immediate(acute); [ ] Delayed(chronic)

Inventory: 04 Max. Amount (code); [ ] Avg. Amount (code); 365 No. of Days Present

Container Pressure Temperature: B 1 4

Storage Codes and Locations (Non-Confidential) Storage Locations: (3) 550 GALLON KEROSENE TANKS.

OPTIONAL: [✓] Check box if information submitted is identical to last year

Chemical 3

CAS | | | | | | | | | | | | Trade Secret [ ]

Name(s) of Chemical(s):

Check all that apply: [ ] Pure [ ] Mix [ ] Solid [ ] Liquid [ ] Gas [ ] EHS

Physical and Health Hazards: [ ] Fire; [ ] Sudden Release of Pressure; [ ] Reactivity; [ ] Immediate(acute); [ ] Delayed(chronic)

Inventory: [ ] Max. Amount (code); [ ] Avg. Amount (code); [ ] No. of Days Present

Container Pressure Temperature:

Storage Codes and Locations (Non-Confidential) Storage Locations:

OPTIONAL: [ ] Check box if information submitted is identical to last year

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through _____, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

ALFRED ALLEGRETTI VP
Name and official title of owner/operator OR owner/operator's authorized representative

Signature

2/18/94
Date Signed

OPTIONAL

[ ] I have attached a site plan.

CITY OF NEW YORK
Department of Environmental Protection
Division of Hazardous Materials Management
Right-to-Know Program
Fee Invoice

Your check or money order must be stapled to this completed form or a copy of this form and sent in with your FIF submission.

Facility Name: BAYSIDE FUEL OIL Depot Corp **ID:** 11-2062415
Location: 510-SACKETT ST. BKLYN, NY 11231-5020

Check Number	_____
TOTAL Number of Chemicals	1
Highest Amount of any single reportable substance	1,000,000 GALLONS
Amount of Fee	$ 325.00
EHS Surcharge of 25% (if applicable)	— 0
Total Fee Paid	$ 325.00

16446
7/18/94

Revised 12/93 *Important: Read all instructions before completing form* Reporting Period: From January 1 to December 31, 19 93 Page ___ of ___ pages

NEW YORK CITY Right-to-Know FACILITY INVENTORY FORM

TIER TWO

Facility Identification

Name BAYSIDE FUEL OIL Depot Corp
Street 510 - SACKETT ST.
City BROOKLYN State NY Zip+4 11231-5020
Telephone (718) 625-5932 County KINGS
SIC Code ___ Dun & Brad. Number 012489704

For Official Use only: ID # ___ Date Received ___

Owner/Operator

Name BAYSIDE FUEL OIL Depot Phone (718) 625-5932
Mail Address 1776 - SHORE PARKWAY. BKLYN. NY 11231-5020

Emergency Contacts

Name ALFRED ALLEGRETTI Title PRES.
Day Phone (718) 372-9800 24-hour Phone (718) 372-9800
Name VINCENT ALLEGRETTI Title MGR
Day Phone (718) 625-5932 24-hour Phone (718) 625-5932

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Container / Pressure / Temperature	Storage Codes and Locations (Non-Confidential) Storage Locations	OPTIONAL
CAS ___ Trade Secret ☐ Name(s) of Chemical(s): FUEL OIL HEATING OIL. Check all that apply: [X] Pure [ ] Mix [ ] Solid [X] Liquid [ ] Gas [ ] EHS	[X] Fire [ ] Sudden Release of Pressure [ ] Reactivity [ ] Immediate (acute) [ ] Delayed (chronic)	06 Max. Amount (code) [ ] Avg. Amount (code) 365 No. of Days Present		LARGE MOUNDED TANK FARM (1) TANKS	Check box if information submitted is identical to last year ☑
CAS ___ Trade Secret ☐ Name(s) of Chemical(s): FUEL OIL HEATING. Check all that apply: [X] Pure [ ] Mix [ ] Solid [X] Liquid [ ] Gas [ ] EHS	[X] Fire [ ] Sudden Release of Pressure [ ] Reactivity [ ] Immediate (acute) [ ] Delayed (chronic)	03 Max. Amount (code) [ ] Avg. Amount (code) 365 No. of Days Present		(1) 1000 gallon HEATING OIL TANK. BURIED IN YARD.	Check box if information submitted is identical to last year ☑
CAS ___ Trade Secret ☐ Name(s) of Chemical(s): Check all that apply: [ ] Pure [ ] Mix [ ] Solid [ ] Liquid [ ] Gas [ ] EHS	[ ] Fire [ ] Sudden Release of Pressure [ ] Reactivity [ ] Immediate (acute) [ ] Delayed (chronic)	[ ] Max. Amount (code) [ ] Avg. Amount (code) [ ] No. of Days Present			Check box if information submitted is identical to last year ☐

Certification *(Read and sign after completing all sections)*

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through _____, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

ALFRED ALLEGRETTI PRESIDENT — Alfred Allegretti — 2-15-94

Name and official title of owner/operator OR owner/operator's authorized representative — Signature — Date Signed

OPTIONAL

☐ I have attached a site plan.

Revised 12/90 *Important: Read all instructions before completing form* **Reporting Period From January 1 to December 31, 1992** Page 1 of 1 pages

NEW YORK CITY **Right-to-Know** FACILITY INVENTORY FORM

TIER TWO

Facility Identification

Name ID: 298
BAYSIDE FUEL OIL DEPOT (SACKETT ST)
Street 510 SACKETT STREET
City BROOKLYN NY 11231-5020
Telephone 718-625-5932 County KINGS
SIC Code
Dun & Bradstreet Number 01-248-9704

FOR OFFICIAL USE ONLY ID # Date Received

Owner/Operator

Name BAYSIDE FUEL OIL DEPT CORP Phone (718) 372-9800
Mail Address 1776 SHORE PARKWAY, BROOKLYN NY 11214

Emergency Contacts

Name VINCENT ALLEGRETTI Title MANAGER
Day Phone (718) 625-5932 24-Hour Phone (718) 625-5932
Name ALFRED ALLEGRETTI Title PRESIDENT
Day Phone (718) 372-9800 24-Hour Phone (718) 372-9800

Chemical Description

CAS 68476 30 2 Trade Secret ☐

Name(s) of Chemical(s): NO 2 FUEL OIL
MIXTURE of PARAFFINIC, OLEFINIC, NAPTHENIC + AROMATIC HYDROCARBONS, DISTILLATE of Low Sulphur CONTENT

Check all that apply: ☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ EHS

Physical and Health Hazards (check all that apply)

☒ Fire
☐ Sudden Release of Pressure
☐ Reactivity
☒ Immediate (acute)
☒ Delayed (chronic)

Inventory

01 Max. Amount (code)
01 Avg. Amount (code)
365 No. of Days Present

Container: B | Pressure: 1 | Temperature: 4

Storage Codes and Locations (Non-Confidential) — Storage Locations

1 UNDERGROUND MOUNDED STORAGE TANK CLASSIFIED AS BURIED TANK

OPTIONAL ☐ Check box if information submitted is identical to last year

CAS 68476 30 2 Trade Secret ☐

Name(s) of Chemical(s): NO. 4 FUEL OIL
A MIXTURE + BLEND of NO. 2 + NO. 6 FUEL OIL

Check all that apply: ☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ EHS

Physical and Health Hazards (check all that apply)

☒ Fire
☐ Sudden Release of Pressure
☐ Reactivity
☒ Immediate (acute)
☒ Delayed (chronic)

Inventory

01 Max. Amount (code)
01 Avg. Amount (code)
365 No. of Days Present

Container: B | Pressure: 1 | Temperature: 6

Storage Codes and Locations (Non-Confidential) — Storage Locations

1 UNDERGROUND MOUNDED STORAGE TANK CLASSIFIED AS BURIED TANK

OPTIONAL ☐ Check box if information submitted is identical to last year

CAS Trade Secret ☐

Name(s) of Chemical(s):

Check all that apply: ☐ Pure ☐ Mix ☐ Solid ☐ Liquid ☐ Gas ☐ EHS

Physical and Health Hazards (check all that apply)

☐ Fire
☐ Sudden Release of Pressure
☐ Reactivity
☐ Immediate (acute)
☐ Delayed (chronic)

Inventory

Max. Amount (code)
Avg. Amount (code)
No. of Days Present

Container | Pressure | Temperature

Storage Codes and Locations (Non-Confidential) — Storage Locations

OPTIONAL ☐ Check box if information submitted is identical to last year

1992

Certification (Read and sign after completing all sections)

☐ This facility is not required to report.

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through _____, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

ALFRED ALLEGRETTI - PRES
Name and official title of owner/operator OR owner/operator's authorized representative

Alfred Allegretti
Signature

1/10/93
Date Signed

OPTIONAL

☐ I have attached a site plan.

Revised 12/90 *Important: Read all instructions before completing form* **Reporting Period** From January 1 to December 31, 19**91** Page 1 of 1 pages

NEW YORK CITY Right-to-Know FACILITY INVENTORY FORM

TIER TWO

Facility Identification

Name Bayside Fuel Oil Depot Corp.
Street 510 Sackett St.
City Brooklyn State NY ZIP+4 11231
Telephone (718) 625-5932 County Kings
SIC Code
Dun & Brad Number 01-248-9704

FOR OFFICIAL USE ONLY ID # Date Received

Owner/Operator

Name Bayside Fuel Oil Depot Corp Phone (718-372-9800
Mail Address 1776 Shore Parkway, Brooklyn, NY 11214

Emergency Contacts

Name Vincent Allegretti Title Manager
Day Phone (718 625-5932 24-Hour Phone (718) 625-5932
Name Alfred Allegretti Title President
Day Phone (718)372-9800 24-Hour Phone (718) 372-9800

Chemical Description

CAS 68476 36 2 Trade Secret ☐

Name(s) of Chemical(s): NO. 2 FUEL OIL
MIXTURE of PARAFFINIC, OLEFINIC, NAPTHENIC & AROMATIC HYDROCARBONS. DISTILLATE of LOW SULPHUR CONTENT.

Check all that apply: ☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ EHS

Physical and Health Hazards (check all that apply)
☒ Fire
☐ Sudden Release of Pressure
☐ Reactivity
☒ Immediate (acute)
☒ Delayed (chronic)

Inventory
Max. Amount (code): 01
Avg. Amount (code): 01
No. of Days Present: 365

Container: B
Pressure: 1
Temperature: 4

Storage Codes and Locations (Non-Confidential) — Storage Locations
1- UNDERGROUND MOUNDED STORAGE TANK (CLASSIFIED AS BURIED TANK)

OPTIONAL ☐ Check box if information submitted is identical to last year

CAS 68476 30 2 Trade Secret ☐

Name(s) of Chemical(s): No. 4 FUEL OIL
A MIXTURE & BLEND of No. 2 & No. 6 FUEL OIL

Check all that apply: ☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ EHS

Physical and Health Hazards (check all that apply)
☒ Fire
☐ Sudden Release of Pressure
☐ Reactivity
☒ Immediate (acute)
☒ Delayed (chronic)

Inventory
Max. Amount (code): 01
Avg. Amount (code): 01
No. of Days Present: 365

Container: B
Pressure: 1
Temperature: 6

Storage Codes and Locations (Non-Confidential) — Storage Locations
1- UNDERGROUND MOUNDED STORAGE TANK (CLASSIFIED AS BURIED TANK)

OPTIONAL ☐ Check box if information submitted is identical to last year

CAS Trade Secret ☐

Name(s) of Chemical(s):

Check all that apply: ☐ Pure ☐ Mix ☐ Solid ☐ Liquid ☐ Gas ☐ EHS

Physical and Health Hazards (check all that apply)
☐ Fire
☐ Sudden Release of Pressure
☐ Reactivity
☐ Immediate (acute)
☐ Delayed (chronic)

Inventory
Max. Amount (code):
Avg. Amount (code):
No. of Days Present:

OPTIONAL ☐ Check box if information submitted is identical to last year

1991

Certification (Read and sign after completing all sections)

☐ This facility is not required to report

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through _____, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Alfred Allegretti, President — Name and official title of owner/operator OR owner/operator's authorized representative

Signature

3/20/92 — Date Signed

OPTIONAL ☐ I have attached a site plan.

Revised 12/90 *Important: Read all instructions before completing form* Reporting Period From January 1 to December 31, 1991 Page 1 of 1 pages

NEW YORK CITY **Right-to-Know** FACILITY INVENTORY FORM

TIER TWO

Facility Identification

Name: Bayside Fuel Oil Depot Corp.
Street: 510 Sackett St.
City: Brooklyn State: NY ZIP+4: 11231
Telephone: (718) 625-5932 County: Kings
SIC Code: Dun & Brad Number: 01-248-9704

FOR OFFICIAL USE ONLY: ID # Date Received

Owner/Operator

Name: Bayside Fuel Oil Depot Phone: (718 372-9800
Mail Address: 1776 Shore Parkway, Brooklyn, NY 11214

Emergency Contacts

Name: Vincent Allegretti Title: Manager.
Day Phone: (718) 625-5932 24-Hour Phone: (718)625=5932

Name: Alfred Allegretti Title: President
Day Phone: (718) 372-9800 24-Hour Phone: (718) 372-9800

Chemical Description

CAS 68476 30 2 Trade Secret ☐

No 2 FUEL OIL.

Name(s) of Chemical(s): MIXTURE of PARAFFINIC, OLEFINIC, NAPTHENIC & AROMATIC HYDROCARBONS. DISTILLITE of Low SULphur CONTENT

Check all that apply: ☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ EHS

Physical and Health Hazards (check all that apply)

- ☒ Fire
- ☐ Sudden Release of Pressure
- ☐ Reactivity
- ☒ Immediate (acute)
- ☒ Delayed (chronic)

Inventory

- 01 Max. Amount (code)
- 01 Avg. Amount (code)
- 365 No. of Days Present

Container / Pressure / Temperature: B14

Storage Codes and Locations (Non-Confidential) — Storage Locations

1 UNDERGROUND MOUNDED STORAGE TANK (CLASSIFIED AS BURIED TANK)

OPTIONAL ☐ Check box if information submitted is identical to last year

CAS 68476 30 2 Trade Secret ☐

No 4 FUEL OIL

Name(s) of Chemical(s): A MIXTURE + BLEND OF NO 2 + NO 6 FUEL OIL

Check all that apply: ☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ EHS

Physical and Health Hazards (check all that apply)

- ☒ Fire
- ☐ Sudden Release of Pressure
- ☐ Reactivity
- ☒ Immediate (acute)
- ☒ Delayed (chronic)

Inventory

- 01 Max. Amount (code)
- 01 Avg. Amount (code)
- 365 No. of Days Present

Container / Pressure / Temperature: B16

Storage Codes and Locations (Non-Confidential) — Storage Locations

1 UNDERGROUND MOUNDED STORAGE TANK (CLASSIFIED AS BURIED TANK)

OPTIONAL ☐ Check box if information submitted is identical to last year

CAS Trade Secret ☐

Name(s) of Chemical(s):

Check all that apply: ☐ Pure ☐ Mix ☐ Solid ☐ Liquid ☐ Gas ☐ EHS

Physical and Health Hazards (check all that apply)

- ☐ Fire
- ☐ Sudden Release of Pressure
- ☐ Reactivity
- ☐ Immediate (acute)
- ☐ Delayed (chronic)

Inventory

- Max. Amount (code)
- Avg. Amount (code)
- No. of Days Present

Container / Pressure / Temperature:

Storage Codes and Locations (Non-Confidential) — Storage Locations

OPTIONAL ☐ Check box if information submitted is identical to last year

Certification (Read and sign after completing all sections)

☐ This facility is not required to report

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through _____, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Alfred Allegretti, President — Name and official title of owner/operator OR owner/operator's authorized representative

Signature

8/15/91 — Date Signed

OPTIONAL

☐ I have attached a site plan.

1990

Page 1 of 2 pages

NYC Right to Know FACILITY INVENTORY FORM

Facility Identification

Name: Bayside Fuel Oil Depot Corp.
Street Address: 510 Sackett St.
City: Brooklyn State: NY Zip: 11231
Telephone: (718) 625-5932
SIC Code: ____ Dun & Bradstreet Number: 01-248-9704

FOR OFFICIAL USE ONLY: ID # ____ Date Received ____

Owner/Operator Name

Name: Bayside Fuel Oil Depot Corp. Phone: (718) 372-9800
Mail Address: 1776 Shore Parkway, Brooklyn, NY 11214

Emergency Contacts

Name: Vincent Allegretti Title: Manager
Phone: (718) 836-6926 24 Hr. Phone: (718) 625-5932

Name: Alfred Allegretti Title: President
Phone: (718) 680-4256 24 Hr. Phone: (718) 372-9800

Important: Read all instructions before completing form

Reporting Period From January 1 to December 31, 19 90

Chemical Description	Physical and Health Hazards (check all that apply)	Inventory: Max. Daily Amount (code)	Inventory: Avg. Daily Amount (code)	Inventory: No. of Days On-site (days)	Storage Codes and Locations (Non-Confidential): Storage Codes	Storage Locations
CAS 3878191 Trade Secret ☐ Chem. Name ____ Check all that apply: ☐ Pure ☐ Mix ☐ Solid ☒ Liquid ☐ Gas	☒ Fire ☐ Sudden Release of Pressure ☐ Reactivity ☐ Immediate (acute) ☐ Delayed (chronic)	01	01	365	B	WE ARE EXEMPT WE HAVE MAJOR FACILITY LICENSE WITH FIRE DEPT. CITY OF NY
CAS ____ Trade Secret ☐ Chem. Name ____ Check all that apply: ☐ Pure ☐ Mix ☐ Solid ☐ Liquid ☐ Gas	☒ Fire ☐ Sudden Release of Pressure ☐ Reactivity ☐ Immediate (acute) ☐ Delayed (chronic)					
CAS ____ Trade Secret ☐ Chem. Name ____ Check all that apply: ☐ Pure ☐ Mix ☐ Solid ☐ Liquid ☐ Gas	☒ Fire ☐ Sudden Release of Pressure ☐ Reactivity ☐ Immediate (acute) ☐ Delayed (chronic)					

Certification *(Read and sign after completing all sections)*

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

ALFRED ALLEGRETTI, PRESIDENT — Name and official title of owner/operator OR owner/operator's authorized representative

Signature — 5/31/90

Optional Attachments *(Check one)*

☐ I have attached a site plan

NYC Right to Know
FACILITY INVENTORY FORM

Facility Identification

Name: Bayside Fuel Oil Depot Corp.
Street Address: 510 Sackett St.
City: Brooklyn, State: NY Zip: 11231
Telephone: (718) 625-5932
SIC Code: Dun & Brad Number: 01-248-9704

FOR OFFICIAL USE ONLY
ID #
Date Received

Owner/Operator Name

Name: Bayside Fuel Oil Depot Corp Phone: (718) 372-9800
Mail Address: 1776 Shore Parkway, Brooklyn, NY 11214

Emergency Contacts

Name: Vincent Allegretti Title: Manager
Phone: (718) 836-6926 24 Hr. Phone: (718) 625-5932

Name: Alfred Allegretti Title: President
Phone: (718) 680-4256 24 Hr. Phone: (718) 372-9800

Important: Read all instructions before completing form

Reporting Period From January 1 to December 31, 1990

Confidential Location Information Sheet

Storage Codes and Locations (Confidential)

Storage Codes *Storage Locations*

CAS # 3878191 Chem. Name: WE ARE EXEMPT WE HAVE MAJOR FACILITY LICENSE WITH FIRE DEPT. CITY OF NY

Storage Codes: B

CAS # Chem. Name

CAS # Chem. Name

Certification *(Read and sign after completing all sections)*

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

ALFRED ALLEGRETTI, PRESIDENT — Name and official title of owner/operator OR owner/operator's authorized representative

Signature

5/31/90 — Date Signed

Optional Attachments *(Check one)*

☐ I have attached a site plan
☐ I have attached a list of site coordinate abbreviations

EXHIBIT 3

New York State Department of Environmental Conservation
50 Wolf Road, Albany, New York 12233

June 28, 1977

Peter A. A. Berle,
Commissioner

Mr. Alfred Allegretti, President
Bayside Fuel Oil Depot Corporation
510 Sachett Street
Brooklyn, New York 11231

Re: Approval of Final Engineering Submission
Wastewater Treatment Facilities
Bayside Fuel Oil Depot Corporation
SPDES Permit NY 003 2671
New York (C), Kings County

Dear Mr. Alegretti:

Review of the referenced submission shows your wastewaters are discharged to the Sachett Street sewer. A June 24th inspection by Mr. Blackwell of this office confirmed that there are no direct discharges of contaminated wastewater to waters of New York State.

Discharges to municipal sewerage systems do not require a separate discharge permit. The only agency you need deal with is the sewer authority, as long as they continue to accept your wastewaters in their system.

This office has initiated a request to delete the issued SPDES permit for the subject facility. Also, the engineering submission is approved as satisfying the report and plans requirement of the compliance schedule contained in your permit.

A copy of the approved material is being forwarded to your consultant.

This letter will also serve to forward a copy of the New York State Department of Environmental Conservation's Industrial Tax Incentive Program. In the event you would like to apply for its benefits in the future, also attached are the necessary application forms and information on their use.

Very truly yours,

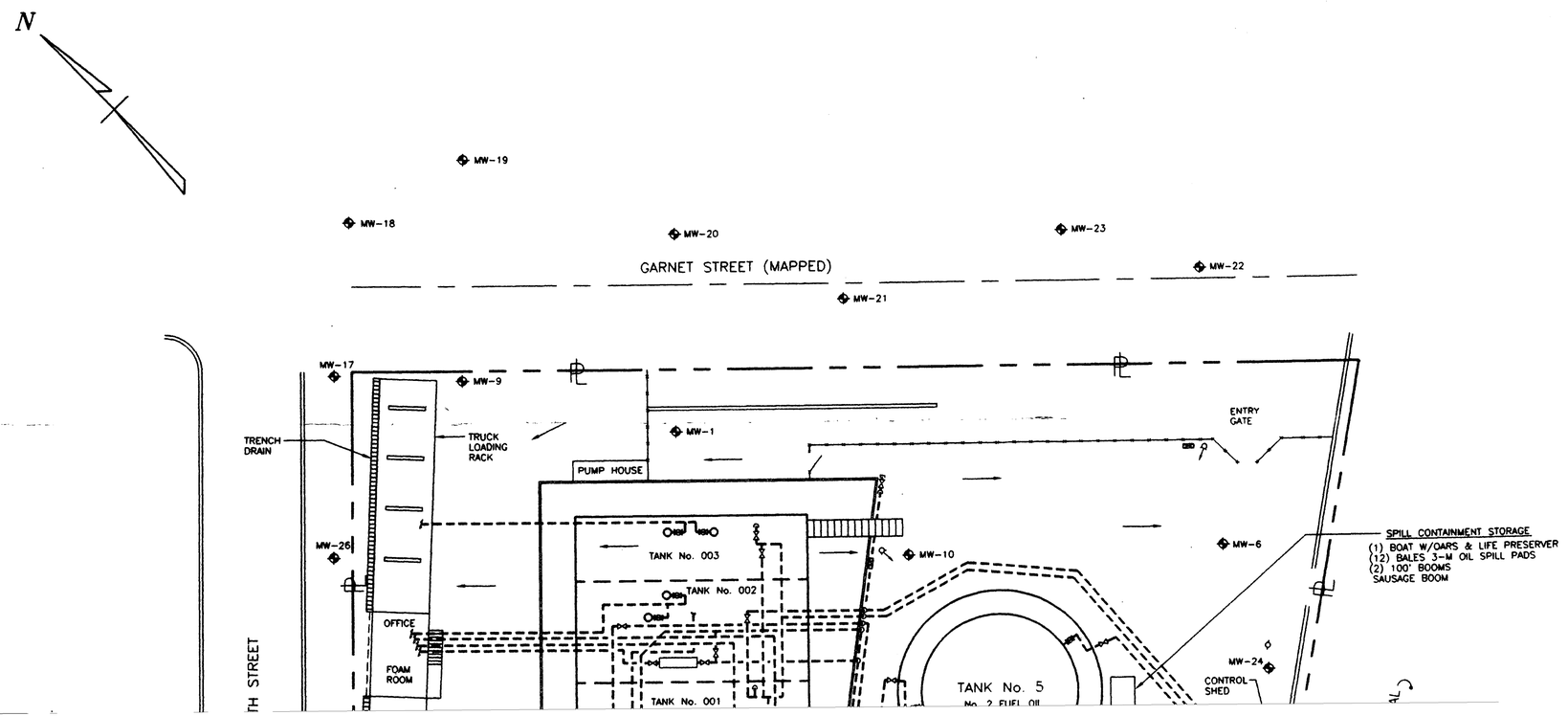
Joseph F. Kelleher

Joseph F. Kelleher, P.E.
Chief
Physical Systems Section

JFK/EB/mac

cc: NYC-Region #2 - Attn: Mr. Parnell
cc: Mr. Cronin, DEC
cc: Mr. Baker, EPA
cc: Mr. Warren A. Sambach, P.E.
Attachments

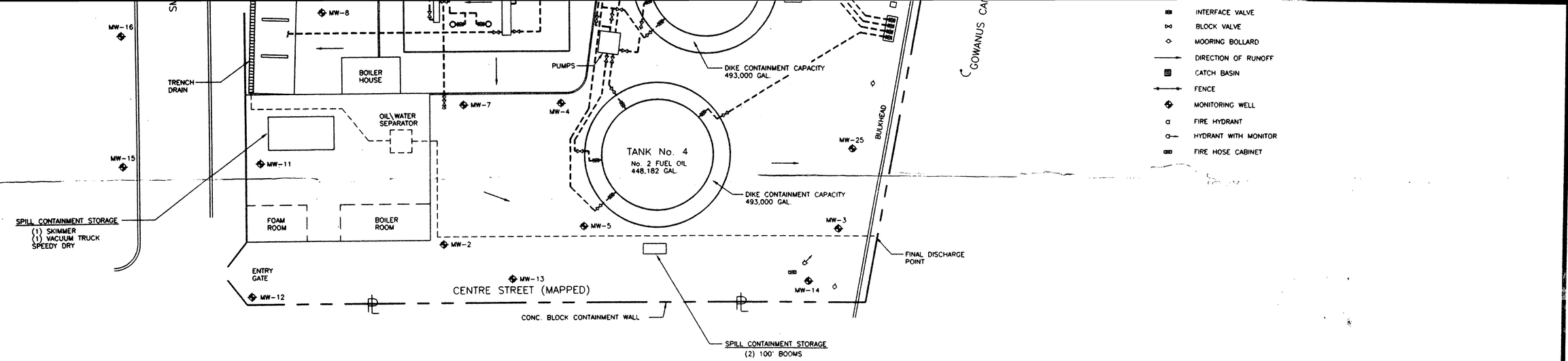
TANK No.	DIA. OR SIZE	HEIGHT	CONTENTS	CAPACITY (GALLONS)
001	68' X 33'	28'-0"	No. 6 FUEL OIL	500,010
002	68' X 28'	28'-0"	No. 6 FUEL OIL	390,012
003	68' X 14'	28'-0"	No. 2/4 FUEL OIL	200,004
4	45'ø	40'-0"	No. 2 FUEL OIL	448,182
5	45'ø	40'-0"	No. 2 FUEL OIL	448,182



LEGEND

PRODUCT PIPING

PRODUCT PUMP



NO.	DATE:	REVISIONS DESCRIPTION	BY

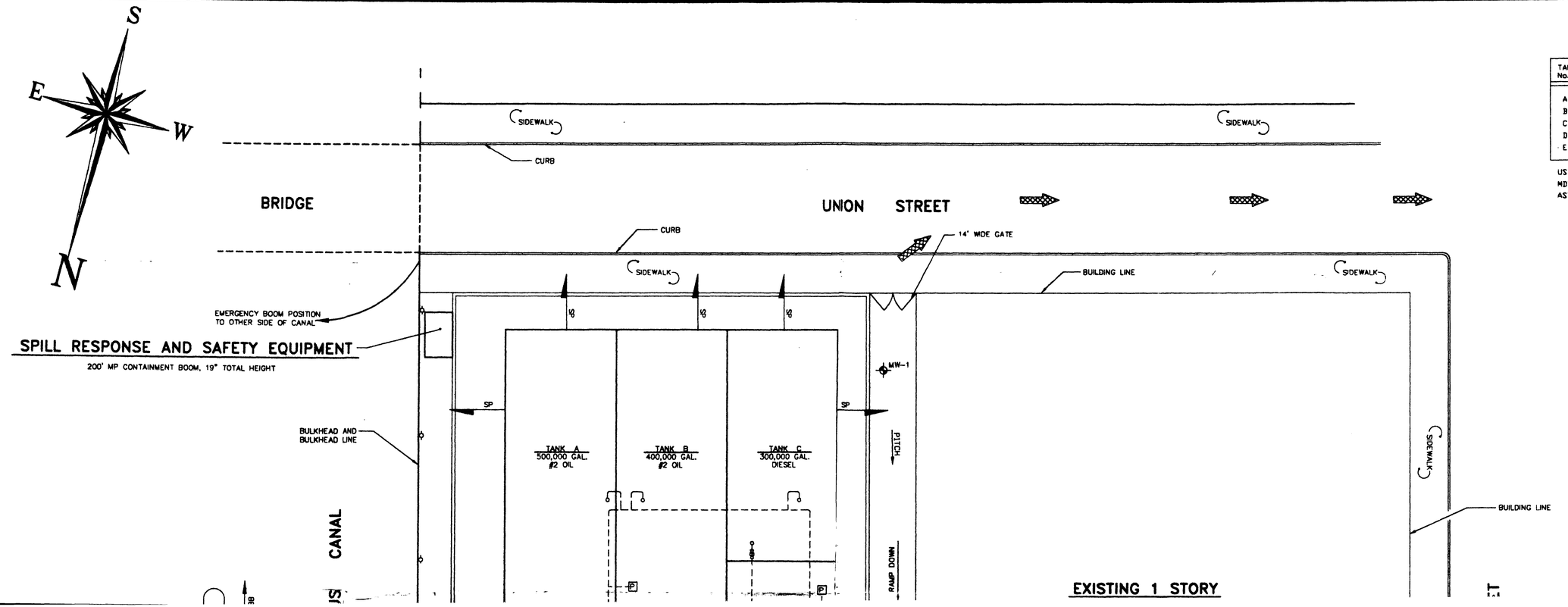
BAYSIDE FUEL OIL DEPOT CORP.
537 SMITH STREET BROOKLYN, N.Y.

DATE: APRIL 22, 1996
SCALE: 1"=20'-0"
DRAWN: JSZ
CHECKED:
JOB No. 3573-S3
DRAWING No. S-1

SITE PLAN

KAR ENGINEERING ASSOCIATES, INC.
5 HELLER DRIVE BRIDGEWATER, N.J. 08807
908-722-2882

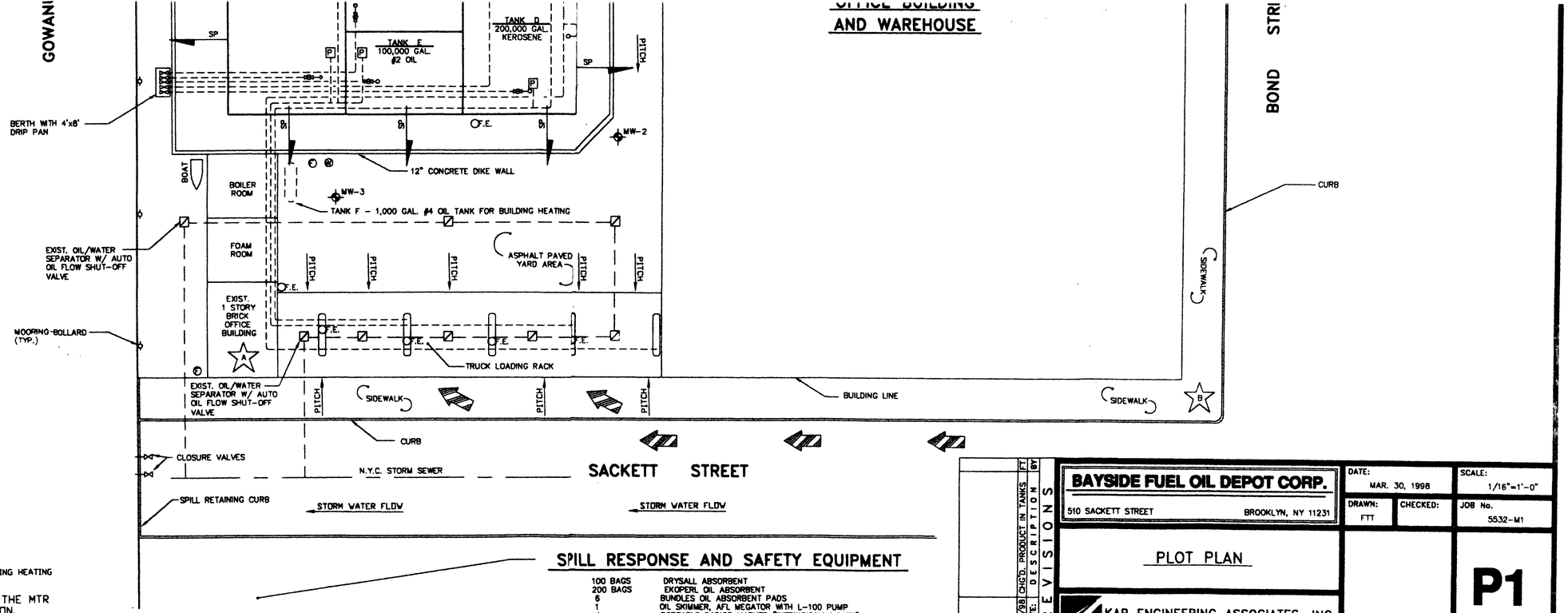
IRWIN ROWE~P.E.
OF SHEET(S)



TANK CHART

TANK No.	CAPACITY GALLONS	TANK TYPE	PRODUCT
A	500,000	MDT	No. 2
B	400,000	MDT	No. 2
C	300,000	MDT	DIESEL
D	200,000	MDT	KEROSENE
E	100,000	MDT	No. 2

UST = UNDERGROUND TANK
MDT = MOUNDED TANK
AST = ABOVEGROUND TANK



LEGEND

- = CATCH BASIN
- = CHECK VALVE
- = GATE VALVE
- = ISOLATION VALVE
- MW-1 = MONITORING WELL
- P = PUMP
- = FOAM HYDRANT & HOSE CABINET
- F.E. = WATER HYDRANT W/ MONITOR
- = INDICATES EMERGENCY RESPONSE FLOW
- = INDICATES EMERGENCY EVACUATION FLOW
- = EVACUATION REGROUPING AREA
- PITCH = DIRECTION OF RUN-OFF
- SP = DIRECTION OF SPILL FLOW
- = CATCH BASIN
- = MOORING BOLLARD
- = FOAM HYDRANT
- = FIRE EXTINGUISHER
- = 1,000 GAL. UNDERGROUND TANK FOR BUILDING HEATING

*IDENTIFICATION OF FIRST VALVE WHICH SEPARATES THE MTR PORTION OF THE FACILITY FROM THE NON-MTR PORTION.

SPILL RESPONSE AND SAFETY EQUIPMENT

100 BAGS	DRYSALL ABSORBENT
200 BAGS	EKOPERL OIL ABSORBENT
6	BUNDLES OIL ABSORBENT PADS
1	OIL SKIMMER, AFL MEGATOR WITH L-100 PUMP
4	PORTABLE RADIOS MARKED "INTRINSICALLY SAFE"

NO	DATE:	CHG'D. PRODUCT IN TANKS	DESCRIPTION	BY
1	4/6/98			FT

REVISIONS

BAYSIDE FUEL OIL DEPOT CORP.

510 SACKETT STREET BROOKLYN, NY 11231

DATE: MAR. 30, 1998

SCALE: 1/16"=1'-0"

DRAWN: FTT

CHECKED:

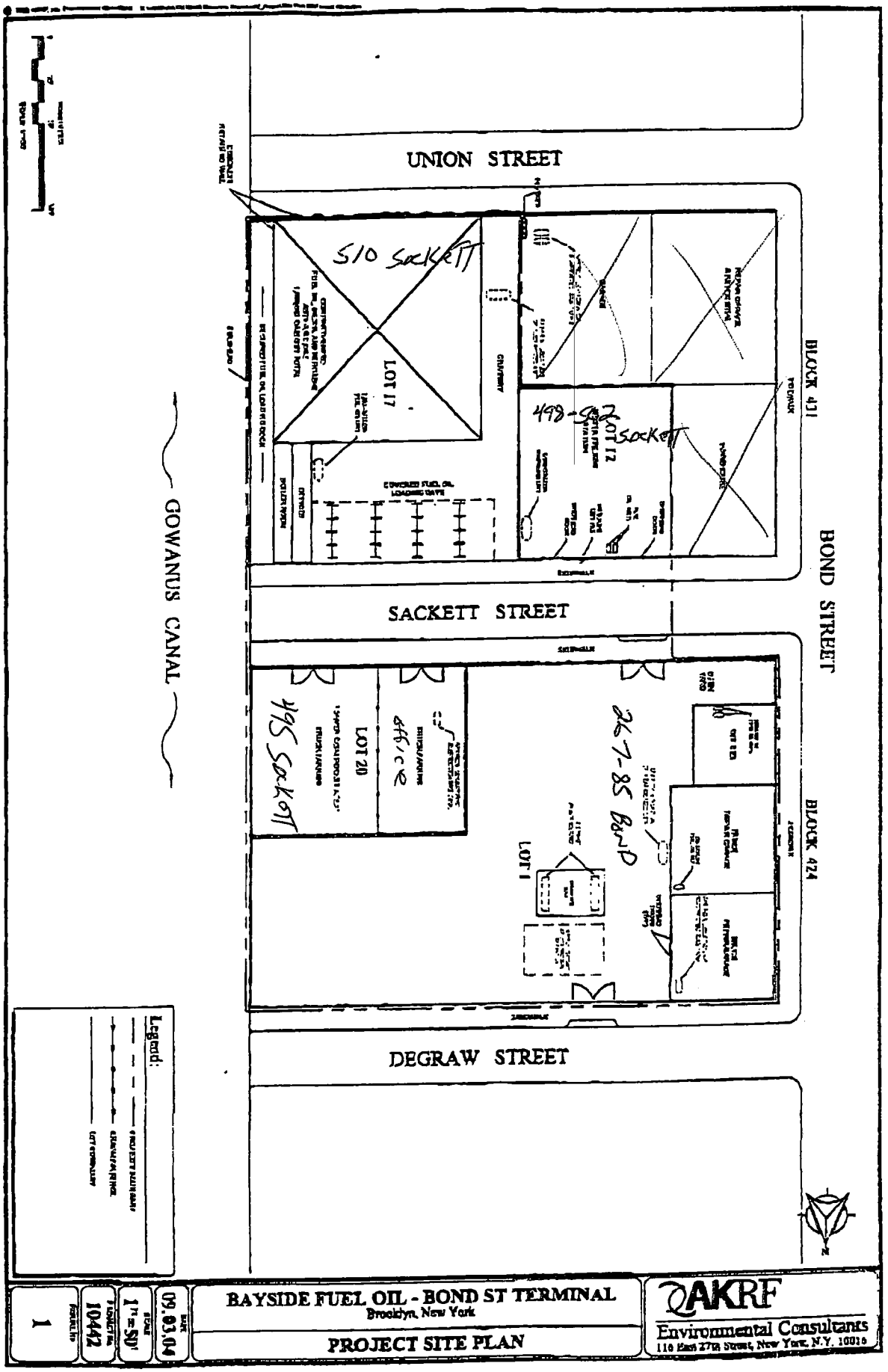
JOB No. 5532-M1

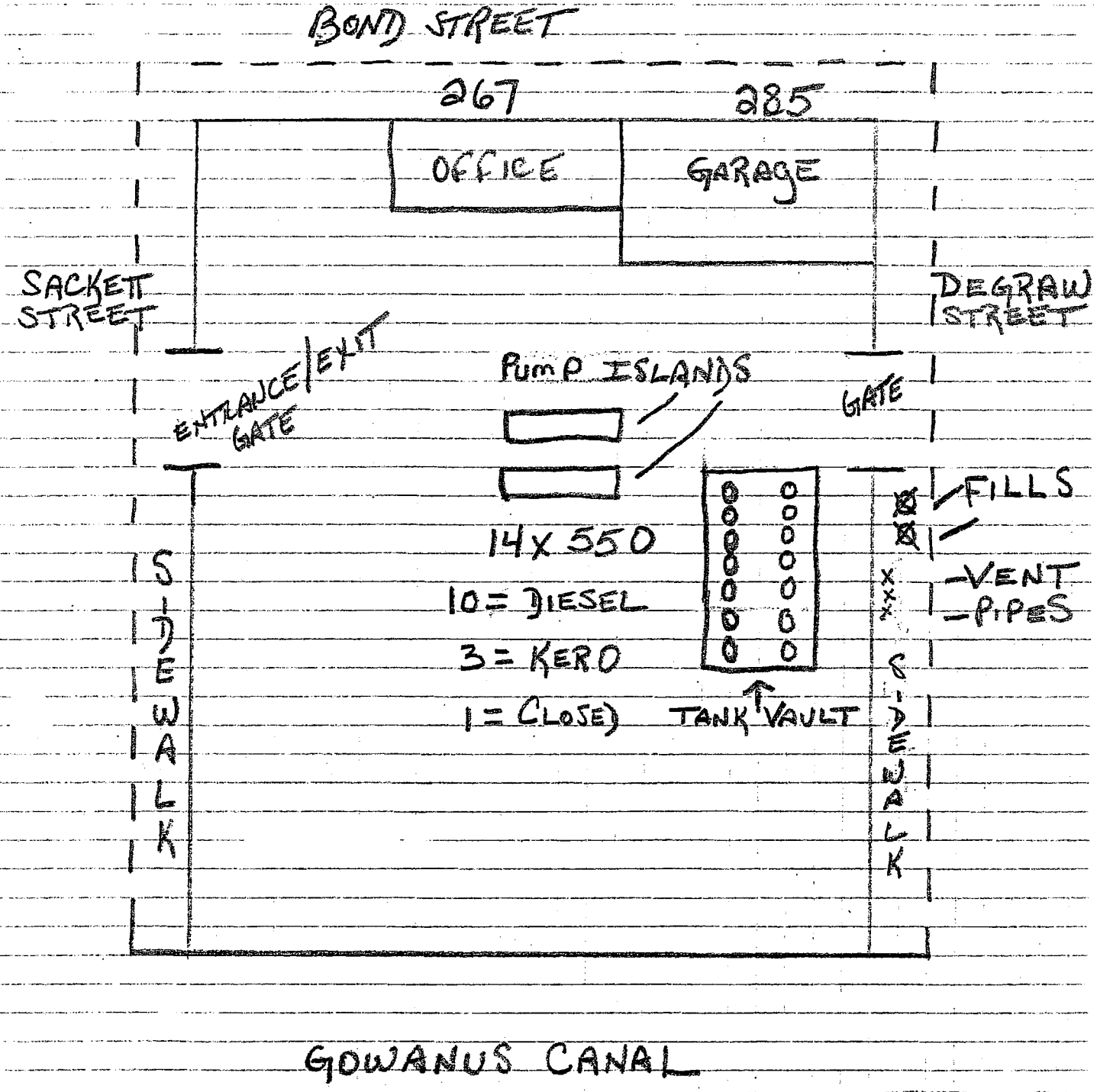
PLOT PLAN

P1

KAR ENGINEERING ASSOCIATES, INC.
5 HELLER DRIVE BRIDGEWATER, N.J. 08807
908-722-2882
IRWIN ROWE-P.E.
MICHAEL ROWE-P.E.

OF SHEET(S)


UNION STREET
510 SACKETT
LOT 17
498-500 SACKETT
LOT 12
BLOCK 431
BOND STREET
SACKETT STREET
GOWANUS CANAL
495 SACKETT
LOT 20
OFFICE
257-85 BOND
LOT 1
BLOCK 424
DEGRAW STREET
Legend:
BAYSIDE FUEL OIL - BOND ST TERMINAL
Brooklyn, New York
PROJECT SITE PLAN
AKRF
Environmental Consultants
110 East 27th Street, New York, N.Y. 10016
09.03.04
1" = 50'
10442
1



LEGEND)

ENTRANCE/EXIT = ⊣ ⊢

SIDEWALK CURB = — — —

FILLS = ⊠

VENTS = X

STICK LINE = O

COMMONWEALTH LAND TITLE INSURANCE COMPANY

SCHEDULE A CONTINUATION

Title Number: L239500-KA

SECTION 2 BLOCK 480 LOT 8 ON THE TAX MAP OF KINGS COUNTY

ALL that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the Borough of Brooklyn, County of Kings, City and State of New York, bounded and described as follows:

BEGINNING at the corner formed by the intersection of the southerly side of West 9th STreet with the easterly side of Smith Street; running

thence southerly along the easterly side of Smith Street, 252 feet 6-1/ inches to a point distant 175 feet north of former Centre Street;

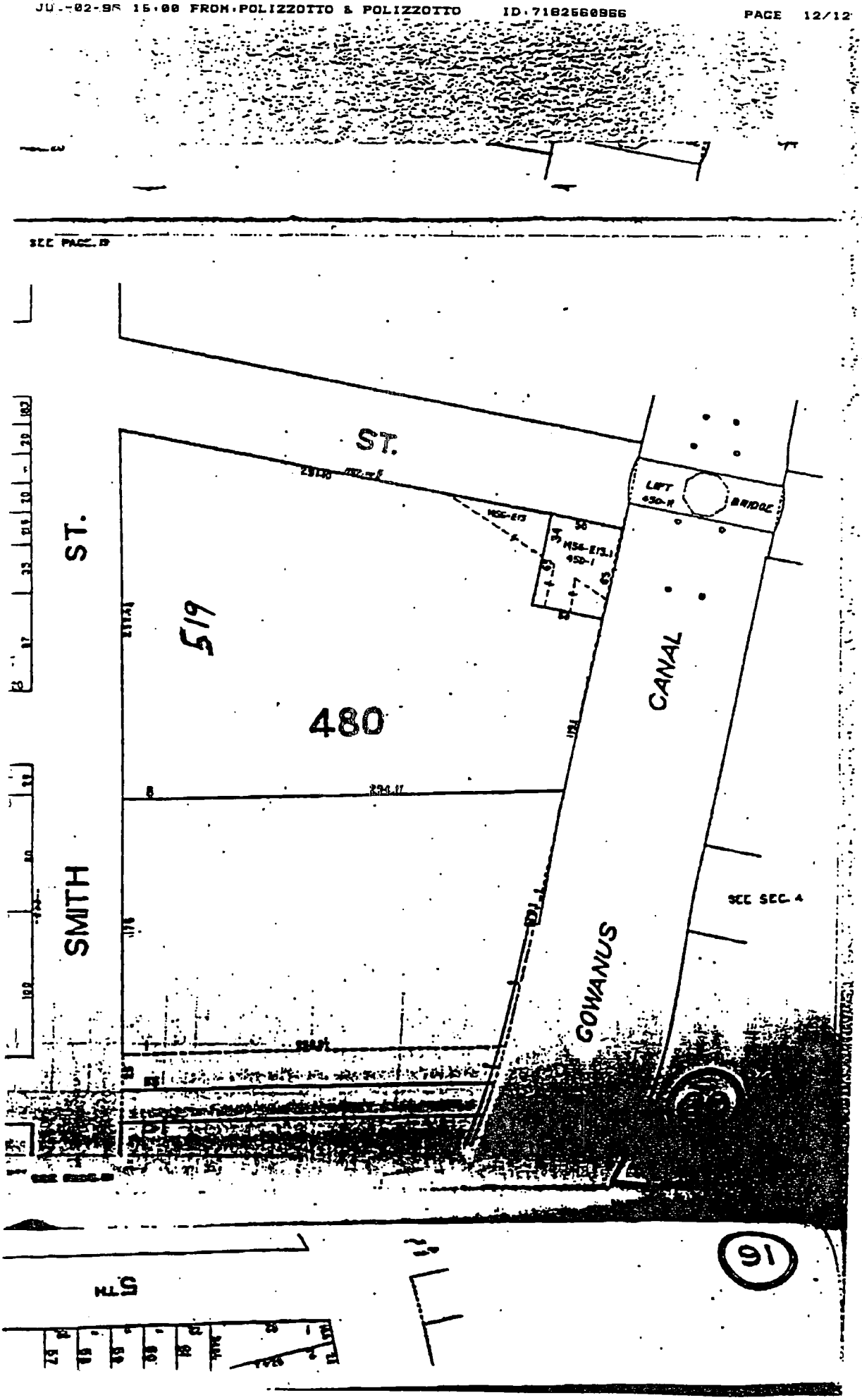
thence easterly at right angles to Smith Street, 294 feet 11 inches to the westerly side of Gowanus Canal;

thence northerly along the westerly side of Gowanus Canal, 119 feet 1 inch;

thence westerly parallel with West 9th Street, 50 feet;

thence northerly parallel with the westerly side of Gowanus Canal, 65 feet to the southerly side of West 9th Street;

thence westerly along the southerly side of West 9th Street, 291 feet 10 inches to the corner, the point or place of BEGINNING.


SEE PAGE 19
ST.
ST.
519
480
CANAL
SMITH
GOWANUS
SEE SEC. 4
91
STH

JOB # 2 0 1 6 2 6

BOND STREET

(50' WIDE)

N

W

E

So.

89°47'45"

175'

12" CONC. RET. WALL

CHAIN-LINK FE.

ASPHALT PAVED PARKING LOT

PARALLEL WITH BOND STREET

100'

#495

ONE STORY BRICK

99'-10¾"

HIGH ONE STORY BRICK

ONE STORY BRICK

16'-10¾"

20'-8"

3'-8½"

79'-8½"

29'-9½"

CL.

IRREG. CONC. BLK. WALL

ENT.

CONCRETE WALL

COVERED FRAME ROOF

ASPHALT PAVED PARKING LOT

75'-6"

125'

PARALLEL WITH SACKETT STREET

ASPHALT PAVED PARKING LOT

12" RET. WALL STRADDLES LINE

WOOD FRAME ROOF ON STEEL FRAME

76'-9½"

CONCRETE RETAINING WALLS

(WAREHOUSE)

(SLAB FLOOR SITTING ON CONCRETE PIERS)

MACHINERY AREA

125'

76'-8½"

12" CONC. RET. WALL

CONCRETE RETAINING BULKHEAD

100'

PARALLEL WITH BOND STREET

SACKETT STREET

(60' WIDE)

GOWANUS WATER CANAL

UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS SURVEY IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW. COPIES OF THIS SURVEY MAP NOT BEARING THE LAND SURVEYOR'S INKED SEAL OR EMBOSSED SEAL SHALL NOT BE CONSIDERED TO BE A VALID TRUE COPY. GUARANTEES OR CERTIFICATIONS INDICATED HEREON SHALL RUN ONLY TO THE PERSON FOR WHOM THE SURVEY IS PREPARED, AND ON HIS BEHALF TO THE TITLE COMPANY, GOVERNMENTAL AGENCY AND LENDING INSTITUTION LISTED HEREON, AND TO THE ASSIGNEES OF THE LENDING INSTITUTION. GUARANTEES OR CERTIFICATION ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS.

BLOCK: 424
LOT: 20
SECTION: 2
COUNTY: KINGS
DWG BY: L.RAMOS
CHK'D BY: ROD.

SURVEYED
NOVEMBER 21, 2000

STATE OF NEW YORK
VINCENT M. TEUTONICO
050307
LICENSED LAND SURVEYOR

BIG APPLE LAND SURVEYORS, P.C.
6902 15th. AVENUE
BROOKLYN, N.Y. 11228
TEL. (718) 331-0300 , FAX 331-0327

LOCATION SURVEY

BAYSIDE FUEL OIL DEPOT CORP.

495 Sackett

EXHIBIT 4

Petroleum Tank Cleaners LTD.

236 Butler Street
Brooklyn, NY 11217

Invoice

Date	Invoice #
09/16/2005	7605

Bill To	Job Location
Bayside Fuel Oil Depot Corp. 1776 Shore Parkway Brooklyn, NY 11214	~~501~~ Sackett Street- Brooklyn S/O SACKETT A, B, E TANKS

P.O. No.	Terms
	Due on receipt

Date of Sevice	Qty	Work Performed	Unit Cost	Amount Due
07/28/2005	1	Scope of work: Pump and clean 1-500,000 , 1-400,000 and 1-100,000 gallon fuel oil storage tanks.		
	1	Supply necessary labor to pump out tanks and transfer oil		
07/29/2005	1	Supply necessary labor per day.		
	1	Deliver 3893 gallons of oil to: Smith Street.		
	1	Deliver 1584 gallons of oil to: Smith Street.		
08/01/2005	Trans 1	Supply necessary labor per day to clean tanks.		
08/02/2005	1	Supply necessary labor per day to pump and clean tanks		
	1	Additional crew Deliver 1500 gallons of oil to: Garnett Terminal		
	1	Deliver 2700 gallons of oil to: Garnett Terminal No Charge.	OK VA	
08/03/2005	1	Supply necessary labor per day to clean tanks.		
08/04/2005	1	Supply necessary labor per day to clean tanks .		

We appreciate your prompt payment.

Subtotal	
Sales Tax (8.375%)	
Total	
Payments/Credits	
Balance Due	

A LATE FEE OF 1.5% PER MONTH WILL BE CHARGED ON ALL ACCOUNTS OVER 30 DAYS.

COPY

Phone #	Fax #
718-624-4842	718-858-4268

Petroleum Tank Cleaners LTD.

236 Butler Street
Brooklyn, NY 11217

Invoice

Date	Invoice #
09/16/2005	7605

Bill To

Bayside Fuel Oil Depot Corp.
1776 Shore Parkway
Brooklyn, NY 11214

Job Location SACKETT

~~561~~ Sackett Street- Brooklyn
S/D A, B, E TANKS

P.O. No.	Terms
	Due on receipt

Date of Sevice	Qty	Work Performed	Unit Cost	Amount Due
08/15/2005	1	Supply necessary labor per day to clean tanks.		
08/16/2005	1	Supply necessary labor per day to clean tanks.		
08/17/2005	1	Supply necessary labor per day to clean tanks .		
08/18/2005	1	Supply necessary labor per day to clean tanks.		
08/19/2005	1	Supply necessary labor per day to clean tanks.		
08/25/2005	1	Supply necessary labor per day to clean tanks		
08/29/2005	1	Supply necessary labor per day to clean tanks.		
08/30/2005	1	Supply necessary labor per day to clean tanks		
08/31/2005	1	Supply necessary labor per day to clean tanks.		
09/01/2005	1	Supply necessary labor to clean work area		
	2,500	Disposal of 2500 gallons of water		

We appreciate your prompt payment.

A LATE FEE OF 1.5% PER MONTH WILL BE CHARGED ON ALL ACCOUNTS OVER 30 DAYS.

Subtotal	
Sales Tax (8.375%)	OK VH
Total	
Payments/Credits	
Balance Due	

Phone #	Fax #
718-624-4842	718-858-4268

Petroleum Tank
Cleaners Inc.
236 Butler Street
Brooklyn, NY 11217

Invoice

Date	Invoice #
6/28/2002	285

Bill To	Job Location
Bayside Fuel Oil Depot Corp. 1776 Shore Parkway Brooklyn, NY 11214	510 Sackett Street - Brooklyn 350,000 gallons TANK "C"

P.O. No.	Terms
	Due on receipt

Date of Service	Quantity	Job Description	Unit Cost	Total
6/21/2002	1	Scope of Work: Supply necessary labor, material and equipment to pump clean and degrease 1-350,000 gallon fuel oil storage tank. Clean dock line from dock to tank work completed from 6/21-6/27/2002		

	Subtotal
A LATE FEE OF 1 1/2% PER MONTH WILL BE CHARGED ON ALL ACCOUNTS OVER 30 DAYS	Sales Tax (8.25%)
	Total
	Payments/Credits
	Balance Due

Phone #	Fax #
718-624-4842	718-858-4268

ATT VIN

PETROLEUM TANK CLEANERS, INC.

236 BUTLER STREET,BROOKLYN, NEW YORK 11217
Telephone:(718)-624-4842 .FAX:(718)-858-4268

BAYSIDE FUEL OIL DEPOT CORP
1776 SHORE PARKWAY
BROOKLYN, NY 11214
ATTN:ACCOUNTS PAYABLE

INVOICE - NET TERMS = 10 DAYS

INVOICE#:32982 ACCOUNT:BFD DATE OF INVOICE:12/16/97
LOCATION:510 SACKETT STREET-TERMINAL - BROOKLYN C-TANK
TANK=300000 Gallons
Ticket#=32982 #4 oil

Quantity	Services/Materials	Unit Cost	Extension
1.00	PUMP OUT & SQUEEGEE CLEAN OIL TANK		
	WORK DONE FROM 10/21-11/28/97		
1.00	PRESSURE WASH TANK INTERIOR		
	Subtotals.....		
	Tax @8.25%.....		
	Total Due for This Invoice.....		
			OK VA

THANK YOU, WE APPRECIATE YOUR PATRONAGE

Petroleum Tank Cleaners LTD.
236 Butler Street
Brooklyn, NY 11217

Invoice

Date	Invoice #
1/12/2007	10530

Bill To	Job Location
Bayside Fuel Oil Depot Corp. 1776 Shore Parkway Brooklyn, NY 11214	Smith Street Terminal - Brooklyn Oil/Water Separator

P.O. No.	Terms
	Due on receipt

Date of Sevice	Qty	Work Performed	Unit Cost	Amount Due
1/9/2007	1	Scope of work: Supply necessary labor material and equipment to pump out separator and holding tanks. Remove baffles and water wash interior of separator. Re-install baffles. Vacuum and flush piping. Drum solids from separator and holding tanks. Water wash holding tanks. re-seal tanks. Dispose of water and solids. Work completed according to proposal.		
	8	Supply vacuum truck, driver and helper per hour		
	8	Supply service van, driver and helper per hour		
	4	Protective equipment and supplies per man		
1/10/2007	10	Supply vacuum truck, driver and helper per hour		
	10	Supply service van, driver and helper per hour		
	11	2-addition Helpers per hour		
	6	Protective equipment and supplies per man		
1/11/2007	6.5	Supply service van, driver and helper per hour		
	13	2-addition Helpers per hour		
	4	Protective equipment and supplies per man		
	9,250	Disposal of 9250 gallons of water and oil		
	41	55 gallon drums for legal disposal		
	6	Fuel surcharge per crew per day.		

Paper work will NOT be released unless invoice is paid in full.

A LATE FEE OF 1.5% PER MONTH WILL BE CHARGED ON ALL ACCOUNTS OVER 30 DAYS.

Subtotal	
Sales Tax (8.375%)	
Total	
Payments/Credits	
Balance Due	

Phone #	Fax #
718-624-4842	718-858-4268

OK VA

Petroleum Tank Cleaners Inc.

236 Butler Street
Brooklyn, NY 11217

Invoice

Date	Invoice #
8/13/2002	526

Bill To	Job Location
Bayside Fuel Oil Depot Corp. 1776 Shore Parkway Brooklyn, NY 11214	Smith Street Terminal - Brooklyn Tank #4

P.O. No.	Terms
	Due on receipt

Date of Service	Quantity	Job Description	Unit Cost	Total
8/5/2002	2	Scope of Work: Supply labor, material and equipment to pump, clean, scrape, wash and gas free Tank #4 2-days labor		
	1	Supply gas free certificate from certified Marine Chemist		

	Subtotal
	Sales Tax (8.25%)
	Total
	Payments/Credits
	Balance Due

A LATE FEE OF 1 1/2% PER MONTH WILL BE CHARGED ON ALL ACCOUNTS OVER 30 DAYS

Phone #	Fax #
718-624-4842	718-858-4268

Petroleum Tank Cleaners Inc.

Invoice

236 Butler Street
Brooklyn, NY 11217

Date	Invoice #
6/19/2003	2629

Bill To	Job Location
Bayside Fuel Oil Depot Corp. 1776 Shore Parkway Brooklyn, NY 11214	537 Smith Street - Brooklyn Terminal Tank TANK # 5

P.O. No.	Terms
	Due on receipt

Date of Service	Quantity	Job Description	Unit Cost	Total
6/9/2003	1	Supply labor material and equipment to pump out and squeegee clean 1-500,000 gallon fuel oil storage terminal tank. Wash and scrape tank for gas free.		
	2	Necessary labor per day		
	1	Supply gas free certificate from Licensed Marine Chemist		
			OK VA	

We appreciate your prompt payment.

A LATE FEE OF 1 1/2% PER MONTH WILL BE CHARGED ON ALL ACCOUNTS OVER 30 DAYS

Subtotal	
Sales Tax (8.625%)	
Total	
Payments/Credits	
Balance Due	

Phone #	Fax #
718-624-4842	718-858-4268

Petroleum Tank Cleaners LTD.

236 Butler Street
Brooklyn, NY 11217

Invoice

Date	Invoice #
02/24/2006	8662

Bill To	Job Location
Bayside Fuel Oil Depot Corp. 1776 Shore Parkway Brooklyn, NY 11214	501 Sackett Street- Brooklyn SACKETT S/O C + D TANK

P.O. No.	Terms
	Due on receipt

Date of Sevice	Qty	Work Performed	Unit Cost	Amount Due
02/07/2006	1	Scope of work: Pump and clean 1-300,000 and 1-200,000 gallon fuel oil storage tanks. Hand scrape and chemical wash tank interior.		
	2	Supply burn free certificate by a licensed marine chemist.		
	1,500	Disposal of 1500 gallons of water		
02/08/2006	800	Disposal of 800 gallons of water		
02/09/2006	600	Disposal of 600 gallons of water		
02/14/2006	1,100	Disposal of 1100 gallons of water		
02/15/2006	600	Disposal of 600 gallons of water		
02/17/2006	1	Remove all equipment.		
02/23/2006	1	Deliver 1000 gallons of oil to: Bayside Terminal.		

We appreciate your prompt payment.

A LATE FEE OF 1.5% PER MONTH WILL BE CHARGED ON ALL ACCOUNTS OVER 30 DAYS.

COPY

Subtotal	
Sales Tax (8.375%)	
Total	
Payments/Credits	
Balance Due	

Phone #	Fax #
718-624-4842	718-858-4268

OK VA

Petroleum Tank Cleaners LTD.

236 Butler Street
Brooklyn, NY 11217

Invoice

Date	Invoice #
2/9/2006	8567

Bill To	Job Location
Bayside Fuel Oil Depot Corp. 1776 Shore Parkway Brooklyn, NY 11214	510 ~~561~~ Sackett Street - Brooklyn 1-500,000 1-400,000 1-100,000 SACKETT A, B & E TANK

P.O. No.	Terms
	Due on receipt

Date of Sevice	Qty	Work Performed	Unit Cost	Amount Due
10/28/2005	1	Pump out and squeegee clean 1-500,000, 1-400,000, 1-100,000 gallon fuel oil storage tanks Hand scrape tank interiors. Water wash tank interiors. Supply a Burn Free certificate from a Marine Chemist for all tanks. Work completed according to proposal January 3, 2006l.		
	1	Total cost of work performed above.		
	4,700	Disposal of 4700 gallons of water		

We appreciate your prompt payment.

A LATE FEE OF 1.5% PER MONTH WILL BE CHARGED ON ALL ACCOUNTS OVER 30 DAYS.

COPY

Phone #	Fax #
718-624-4842	718-858-4268

Subtotal	
Sales Tax (8.375%)	
Total	
Payments/Credits	$0.00
Balance Due	

OKA

PRIVATE
NON-HAZARDOUS
DOCUMENT OF CARGO

No. 19784

****

N.Y. State 364 Permit No. 1A-041

#1 MEG ID # 12/20-5

#1 Truck License Number [illegible]

#2 MEG ID # _____

#2 Truck License Number _____

****

IDENTIFICATION

****

Company name, mailing address and telephone number

Generator: Bayside Fuel
285 Bond St.
Brooklyn, NY

Transporter: **Miller Environmental Group, Incorporated**
538 EDWARDS AVENUE
CALVERTON, NEW YORK 11933

TSDF Treatment Storage or Disposal Facility: JAMAICA RECYCLING
94-21 165TH STREET
JAMAICA, NY 11433

WASTE INFORMATION

NON-HAZARDOUS WASTE SHIPPING DESCRIPTION	Containers No.	Containers Type	Total Quantity Gals./Lbs./Yds./Bgs.	NYSDEC Code	TSDF Code
OIL SPILL DEBRIS SOLID	1	CH	1yds.	N011	01-D-MEG

****

I hereby certify that the above waste description is complete and accurate, and that no component exist in the wastes which render it hazardous as defined by 6 NY CRR Section 371 and 372.

Generator's Signature [signature] — Date 12-1-92

Transporter's Signature #1 [signature] — Date 12-1-92

Transporter's Signature #2 _____ — Date _____

TSDF Signature _____ — Date _____

PRIVATE
NON-HAZARDOUS
DOCUMENT OF CARGO

10310

****

N.Y. State 364 Permit No. 1A-041

#1 MEG ID # _____ #1 Truck License Number _____

#2 MEG ID # _____ #2 Truck License Number _____

****

IDENTIFICATION

****

Company name, mailing address and telephone number

Generator:

Transporter: **Miller Environmental Group, Incorporated**
538 EDWARDS AVENUE
CALVERTON, NEW YORK 11933

TSDF Treatment Storage or Disposal Facility: Ogden Martin Systems of Huntington
99 Townline Rd.
E. Northport, NY 11731

WASTE INFORMATION

NON-HAZARDOUS WASTE SHIPPING DESCRIPTION	Containers No.	Containers Type	Total Quantity Gals./Lbs./Yds./Bgs.	NYSDEC Code	TSDF Code
Oil Spill Debris Solid	1			N011	

****

I hereby certify that the above waste description is complete and accurate, and that no component exist in the wastes which render it hazardous as defined by 6 NY CRR Section 371 and 372.

Generator's Signature _____ Date 11-20-91

Transporter's Signature #1 _____ Date _____

Transporter's Signature #2 _____ Date _____

TSDF Signature _____ Date _____

PRIVATE
NON-HAZARDOUS
DOCUMENT OF CARGO

9261

N.Y. State 364 Permit No. 1A-041

#1 MEG ID # 42/20-14

#1 Truck License Number RC 1577

#2 MEG ID # _____

#2 Truck License Number _____

IDENTIFICATION

Company name, mailing address and telephone number

Generator: BAYSIDE FUEL
685 LORD ST.
BROOKLYN, NY.

Transporter: **Miller Environmental Group, Incorporated**
538 EDWARDS AVENUE
CALVERTON, NEW YORK 11933

TSDF Treatment Storage or Disposal Facility: ~~CHEMICAL POLLUTION CONTROL~~ ~~120 SOUTH FOURTH ST.~~ ~~BAYSHORE, NY 11706~~ Jamaica Recycling Liberty Ave. Jamaica, N.Y.

WASTE INFORMATION

NON-HAZARDOUS WASTE SHIPPING DESCRIPTION	Containers No.	Containers Type	Total Quantity Gals./Lbs./Yds./Bgs.	NYSDEC Code	TSDF Code
OIL SPILL DEBRIS SOLID	1	DM	20 YDS	N011	

I hereby certify that the above waste description is complete and accurate, and that no component exist in the wastes which render it hazardous as defined by 6 NY CRR Section 371 and 372.

Generator's Signature _____ Date 11/30/78

Transporter's Signature #1 _____ Date 11/30/78

Transporter's Signature #2 _____ Date _____

TSDF Signature _____ Date _____

PRIVATE
NON-HAZARDOUS
DOCUMENT OF CARGO

10093

****

N.Y. State 364 Permit No. 1A-041

#1 MEG ID # 17 20-12

#1 Truck License Number PM8108

#2 MEG ID # _____

#2 Truck License Number _____

****

IDENTIFICATION

****

Company name, mailing address and telephone number

Generator:

Transporter: **Miller Environmental Group, Incorporated**
538 EDWARDS AVENUE
CALVERTON, NEW YORK 11933

TSDF Treatment Storage or Disposal Facility: [illegible]

WASTE INFORMATION

NON-HAZARDOUS WASTE SHIPPING DESCRIPTION	Containers No.	Containers Type	Total Quantity Gals./Lbs./Yds./Bgs.	NYSDEC Code	TSDF Code
oil coated dirt	1	CT	20 yds	non	

****

I hereby certify that the above waste description is complete and accurate, and that no component exist in the wastes which render it hazardous as defined by 6 NY CRR Section 371 and 372.

[signature] Generator's Signature — Date 11/[illegible]/98

[signature] Transporter's Signature #1 — Date 11/25/98

Transporter's Signature #2 — Date

TSDF Signature — Date

PRIVATE
NON-HAZARDOUS
DOCUMENT OF CARGO

7116

****

N.Y. State 364 Permit No. 1A-041

#1 MEG ID # 117 — #1 Truck License Number [illegible]

#2 MEG ID # _____ — #2 Truck License Number _____

****

IDENTIFICATION

****

Company name, mailing address and telephone number

Generator: [illegible]

Transporter: **Miller Environmental Group, Incorporated**
538 EDWARDS AVENUE
CALVERTON, NEW YORK 11933

TSDF Treatment Storage or Disposal Facility: Jamaica Recycling
94-21 165th Street
Jamaica, NY 11433

WASTE INFORMATION

NON-HAZARDOUS WASTE SHIPPING DESCRIPTION	Containers No.	Containers Type	Total Quantity Gals./Lbs./Yds./Bgs.	NYSDEC Code	TSDF Code
Oil Spill Debris Solid	1	CM	20 /yds	NO11	01-D-MEG

****

I hereby certify that the above waste description is complete and accurate, and that no component exist in the wastes which render it hazardous as defined by 6 NY CRR Section 371 and 372.

Generator's Signature _____ Date _____

Transporter's Signature #1 _____ Date _____

Transporter's Signature #2 _____ Date _____

TSDF Signature _____ Date _____

PRIVATE
NON-HAZARDOUS
DOCUMENT OF CARGO

8960

****

N.Y. State 364 Permit No. 1A-041

#1 MEG ID # 42

#1 Truck License Number AC 9574

#2 MEG ID # _____

#2 Truck License Number _____

****

IDENTIFICATION

****

Company name, mailing address and telephone number

Generator: BAYSIDE FUEL OIL CORP

Transporter: **Miller Environmental Group, Incorporated**
538 EDWARDS AVENUE
CALVERTON, NEW YORK 11933

TSDF Treatment Storage or Disposal Facility: [illegible]

WASTE INFORMATION

NON-HAZARDOUS WASTE SHIPPING DESCRIPTION	Containers No.	Containers Type	Total Quantity Gals./Lbs./Yds./Bgs.	NYSDEC Code	TSDF Code
OIL SPILL DEBRIS	1	DM	20 YDS	NO11	

****

I hereby certify that the above waste description is complete and accurate, and that no component exist in the wastes which render it hazardous as defined by 6 NY CRR Section 371 and 372.

Generator's Signature [signature] — Date 11-25-98

Transporter's Signature #1 [signature] — Date 11-25-98

Transporter's Signature #2 _____ — Date _____

TSDF Signature _____ — Date _____

EXHIBIT 5

NEW YORK STATE
DEPARTMENT OF
ENVIRONMENTAL CONSERVATION

Spill Incidents Database Search Details

Spill Record

Administrative Information

DEC Region: 2
Spill Number: 0208144

Spill Date/Time

Spill Date: 11/05/2002 **Spill Time:** 12:00:00 PM
Call Received Date: 11/05/2002 **Call Received Time:** 05:40:00 PM

Location

Spill Name: BAYSIDE FUEL OIL DEPOT
Address: 267 BOND STREET
City: BROOKLYN **County:** Kings

Spill Description

Material Spilled	Amount Spilled	Resource Affected
UNKNOWN PETROLEUM	UNKNOWN	Soil

Cause: Unknown
Source: Major Facility > 400,000 gal
Waterbody:

Record Close

Date Spill Closed: 06/10/2008

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

If you have questions about this reported incident, please contact the Regional Office where the incident occurred.

Back to Search Results

Refine Current Search

NEW YORK STATE
DEPARTMENT OF
ENVIRONMENTAL CONSERVATION

Spill Incidents Database Search Details

Spill Record

Administrative Information

DEC Region: 2
Spill Number: 9011318

Spill Date/Time

Spill Date: 01/25/1991 **Spill Time:** 04:00:00 PM
Call Received Date: 01/25/1991 **Call Received Time:** 04:34:00 PM

Location

Spill Name: BAYSIDE OIL TERMINAL
Address: 510 SACKETT STREET
City: BROOKLYN **County:** Kings

Spill Description

Material Spilled	Amount Spilled	Resource Affected
#2 Fuel Oil	20.00 Gal.	Surface Water

Cause: Equipment Failure
Source: Vessel
Waterbody: GOWANUS CANAL

Record Close

Date Spill Closed: 01/26/1991

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

If you have questions about this reported incident, please contact the Regional Office where the incident occurred.

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NEW YORK STATE
DEPARTMENT OF
ENVIRONMENTAL CONSERVATION

Spill Incidents Database Search Details

Spill Record

Administrative Information

DEC Region: 2
Spill Number: 9011319

Spill Date/Time

Spill Date: 01/25/1991 **Spill Time:** 04:00:00 PM
Call Received Date: 01/25/1991 **Call Received Time:** 04:41:00 PM

Location

Spill Name: 510 SACKET ST/BKLYN
Address: 510 SACKETT STREET
City: BROOKLYN **County:** Kings

Spill Description

Material Spilled	Amount Spilled	Resource Affected
#2 Fuel Oil	25.00 Gal.	Surface Water

Cause: Equipment Failure
Source: Vessel
Waterbody: GOWANUS CANAL

Record Close

Date Spill Closed: 01/25/1991

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

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ENVIRONMENTAL CONSERVATION

Spill Incidents Database Search Details

Spill Record

Administrative Information

DEC Region: 2
Spill Number: 0514992

Spill Date/Time

Spill Date: 03/28/2006 **Spill Time:** 02:32:00 PM
Call Received Date: 03/30/2006 **Call Received Time:** 07:31:00 PM

Location

Spill Name: MANHOLE 56074
Address: 510 SACKETT STREET
City: BROOKLYN **County:** Kings

Spill Description

Material Spilled	Amount Spilled	Resource Affected
UNKNOWN PETROLEUM	UNKNOWN	Soil

Cause: Other
Source: Unknown
Waterbody:

Record Close

Date Spill Closed: 04/17/2006

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

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NEW YORK STATE
DEPARTMENT OF
ENVIRONMENTAL CONSERVATION

Spill Incidents Database Search Details

Spill Record

Administrative Information

DEC Region: 2
Spill Number: 9604267

Spill Date/Time

Spill Date: 06/28/1996 **Spill Time:** 03:42:00 PM
Call Received Date: 06/28/1996 **Call Received Time:** 04:01:00 PM

Location

Spill Name: 510 SACKETT ST
Address: 510 SACKETT STREET
City: BROOKLYN **County:** Kings

Spill Description

Material Spilled	Amount Spilled	Resource Affected
UNKNOWN PETROLEUM	UNKNOWN	Soil
Gasoline	UNKNOWN	Soil

Cause: Deliberate
Source: Commercial/Industrial
Waterbody:

Record Close

Date Spill Closed: 06/28/1996

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

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NEW YORK STATE
DEPARTMENT OF
ENVIRONMENTAL CONSERVATION

Spill Incidents Database Search Details

Spill Record

Administrative Information

DEC Region: 2
Spill Number: 0510188

Spill Date/Time

Spill Date: 11/28/2005 **Spill Time:** 02:33:00 PM
Call Received Date: 11/28/2005 **Call Received Time:** 02:33:00 PM

Location

Spill Name: BAYSIDE FUEL CORP
Address: 537 SMITH STREET
City: BROOKLYN **County:** Kings

Spill Description

Material Spilled	Amount Spilled	Resource Affected
#2 Fuel Oil	UNKNOWN	Soil

Cause: Unknown
Source: Institutional, Educational, Gov., Other
Waterbody:

Record Close

Date Spill Closed: 01/30/2006

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

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Spill Incidents Database Search Details

Spill Record

Administrative Information

DEC Region: 2
Spill Number: 9713116

Spill Date/Time

Spill Date: 02/24/1998 **Spill Time:** 01:00:00 PM
Call Received Date: 02/24/1998 **Call Received Time:** 01:20:00 PM

Location

Spill Name: BAYSIDE FUEL OIL TERMINAL
Address: 537 SMITH STREET
City: BROOKLYN **County:** Kings

Spill Description

Material Spilled	Amount Spilled	Resource Affected
#4 Fuel Oil	200.00 Gal.	Soil

Cause: Other
Source: Tank Truck
Waterbody:

Record Close

Date Spill Closed: 03/26/2009

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

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Spill Incidents Database Search Details

Spill Record

Administrative Information

DEC Region: 2
Spill Number: 9514263

Spill Date/Time

Spill Date: 02/08/1996 **Spill Time:** 01:00:00 PM
Call Received Date: 02/08/1996 **Call Received Time:** 02:08:00 PM

Location

Spill Name: BAYSIDE OIL TERMINAL
Address: 537 SMITH STREET
City: BROOKLYN **County:** Kings

Spill Description

Material Spilled	Amount Spilled	Resource Affected
#2 Fuel Oil	2.00 Gal.	Soil

Cause: Human Error
Source: Tank Truck
Waterbody:

Record Close

Date Spill Closed: 02/08/1996

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

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NEW YORK STATE
DEPARTMENT OF
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Spill Incidents Database Search Details

Spill Record

Administrative Information

DEC Region: 2
Spill Number: 9213443

Spill Date/Time

Spill Date: 03/05/1993 **Spill Time:** 12:30:00 PM
Call Received Date: 03/05/1993 **Call Received Time:** 12:54:00 PM

Location

Spill Name: CIBRO TERMINALS
Address: 537 SMITH STREET
City: BROOKLYN **County:** Kings

Spill Description

Material Spilled	Amount Spilled	Resource Affected
#4 Fuel Oil	50.00 Gal.	Soil

Cause: Tank Overfill
Source: Tank Truck
Waterbody:

Record Close

Date Spill Closed: 03/08/1993

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

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DEPARTMENT OF
ENVIRONMENTAL CONSERVATION

Spill Incidents Database Search Details

Spill Record

Administrative Information

DEC Region: 2
Spill Number: 9208385

Spill Date/Time

Spill Date: 10/21/1992 **Spill Time:** 10:30:00 AM
Call Received Date: 10/21/1992 **Call Received Time:** 10:37:00 AM

Location

Spill Name: 537 SMITH STREET
Address: 537 SMITH STREET
City: BROOKLYN **County:** Kings

Spill Description

Material Spilled	Amount Spilled	Resource Affected
UNKNOWN PETROLEUM	UNKNOWN	Surface Water

Cause: Unknown
Source: Unknown
Waterbody: GOWANAS CANAL

Record Close

Date Spill Closed: 10/21/1992

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

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NEW YORK STATE
DEPARTMENT OF
ENVIRONMENTAL CONSERVATION

Spill Incidents Database Search Details

Spill Record

Administrative Information

DEC Region: 2
Spill Number: 9213443

Spill Date/Time

Spill Date: 03/05/1993 **Spill Time:** 12:30:00 PM
Call Received Date: 03/05/1993 **Call Received Time:** 12:54:00 PM

Location

Spill Name: CIBRO TERMINALS
Address: 537 SMITH STREET
City: BROOKLYN **County:** Kings

Spill Description

Material Spilled	Amount Spilled	Resource Affected
#4 Fuel Oil	50.00 Gal.	Soil

Cause: Tank Overfill
Source: Tank Truck
Waterbody:

Record Close

Date Spill Closed: 03/08/1993

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

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NEW YORK STATE
DEPARTMENT OF
ENVIRONMENTAL CONSERVATION

Spill Incidents Database Search Details

Spill Record

Administrative Information

DEC Region: 2
Spill Number: 9111273

Spill Date/Time

Spill Date: 01/31/1992 **Spill Time:** 04:10:00 PM
Call Received Date: 01/31/1992 **Call Received Time:** 04:50:00 PM

Location

Spill Name: CIBRO
Address: 537 SMITH STREET
City: BROOKLYN **County:** Kings

Spill Description

Material Spilled	Amount Spilled	Resource Affected
ETHYLENE GLYCOL	UNKNOWN	Surface Water
UNKNOWN PETROLEUM	UNKNOWN	Surface Water

Cause: Housekeeping
Source: Major Facility > 400,000 gal
Waterbody: GOWANUS CANAL

Record Close

Date Spill Closed: 01/31/1992

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

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NEW YORK STATE
DEPARTMENT OF
ENVIRONMENTAL CONSERVATION

Spill Incidents Database Search Details

Spill Record

Administrative Information

DEC Region: 2
Spill Number: 9106263

Spill Date/Time

Spill Date: 09/10/1991 **Spill Time:** 04:00:00 PM
Call Received Date: 09/10/1991 **Call Received Time:** 04:19:00 PM

Location

Spill Name: BAY SIDE FUEL (FORMER CIBRO TERMINALS)
Address: 537 SMITH STREET
City: BROOKLYN **County:** Kings

Spill Description

Material Spilled	Amount Spilled	Resource Affected
#6 Fuel Oil	UNKNOWN	Soil

Cause: Equipment Failure
Source: Major Facility > 400,000 gal
Waterbody:

Record Close

Date Spill Closed: Not closed

If you have questions about this reported incident, please contact the Regional Office where the incident occurred.

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NEW YORK STATE
DEPARTMENT OF
ENVIRONMENTAL CONSERVATION

Spill Incidents Database Search Details

Spill Record

Administrative Information

DEC Region: 2
Spill Number: 9009301

Spill Date/Time

Spill Date: 11/26/1990 **Spill Time:** 04:00:00 PM
Call Received Date: 11/27/1990 **Call Received Time:** 06:15:00 AM

Location

Spill Name: 537 SMITH STREET - CIBRO
Address: 537 SMITH STREET
City: BROOKLYN **County:** Kings

Spill Description

Material Spilled	Amount Spilled	Resource Affected
#2 Fuel Oil	UNKNOWN	Groundwater

Cause: Tank Test Failure
Source: Major Facility > 400,000 gal
Waterbody:

Record Close

Date Spill Closed: 03/26/2009

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

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NEW YORK STATE
DEPARTMENT OF
ENVIRONMENTAL CONSERVATION

Spill Incidents Database Search Details

Spill Record

Administrative Information

DEC Region: 2
Spill Number: 8911181

Spill Date/Time

Spill Date: 02/23/1990 **Spill Time:** 08:11:00 PM
Call Received Date: 02/23/1990 **Call Received Time:** 08:22:00 PM

Location

Spill Name: 537 SMITH ST/BKLYN/CIBRO
Address: 537 SMITH STREET
City: BROOKLYN **County:** Kings

Spill Description

Material Spilled	Amount Spilled	Resource Affected
#6 Fuel Oil	UNKNOWN	Surface Water

Cause: Equipment Failure
Source: Vessel
Waterbody: GOWANUS CANAL

Record Close

Date Spill Closed: 11/06/2001

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

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NEW YORK STATE
DEPARTMENT OF
ENVIRONMENTAL CONSERVATION

Spill Incidents Database Search Details

Spill Record

Administrative Information

DEC Region: 2
Spill Number: 8709167

Spill Date/Time

Spill Date: 01/27/1988 **Spill Time:** 03:40:00 PM
Call Received Date: 01/27/1988 **Call Received Time:** 03:49:00 PM

Location

Spill Name: CIBRO
Address: 537 SMITH STREET
City: BROOKLYN **County:** Kings

Spill Description

Material Spilled	Amount Spilled	Resource Affected
#6 Fuel Oil	UNKNOWN	Groundwater

Cause: Tank Test Failure
Source: Major Facility > 400,000 gal
Waterbody:

Record Close

Date Spill Closed: 05/30/1991

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

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NEW YORK STATE
DEPARTMENT OF
ENVIRONMENTAL CONSERVATION

Spill Incidents Database Search Details

Spill Record

Administrative Information

DEC Region: 2
Spill Number: 8707806

Spill Date/Time

Spill Date: 12/10/1987 **Spill Time:** 03:00:00 PM
Call Received Date: 12/10/1987 **Call Received Time:** 03:45:00 PM

Location

Spill Name: CIBRO TERMINALS
Address: 537 SMITH STREET
City: BROOKLYN **County:** Kings

Spill Description

Material Spilled	Amount Spilled	Resource Affected
#6 Fuel Oil	5260.00 Gal.	Surface Water

Cause: Tank Overfill
Source: Major Facility > 400,000 gal
Waterbody: GOWANUS CANAL

Record Close

Date Spill Closed: 05/30/1991

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

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NEW YORK STATE
DEPARTMENT OF
ENVIRONMENTAL CONSERVATION

Spill Incidents Database Search Details

Spill Record

Administrative Information

DEC Region: 2
Spill Number: 9605945

Spill Date/Time

Spill Date: 08/07/1996 **Spill Time:** 03:00:00 PM
Call Received Date: 08/07/1996 **Call Received Time:** 05:24:00 PM

Location

Spill Name: BAYSIDE FUEL OIL TERMINAL
Address: 519 SMITH ST
City: BROOKLYN **County:** Kings

Spill Description

Material Spilled	Amount Spilled	Resource Affected
#2 Fuel Oil	UNKNOWN	Soil

Cause: Other
Source: Major Facility > 400,000 gal
Waterbody:

Record Close

Date Spill Closed: 03/26/2009

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

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EXHIBIT 6

Draft Phase I and Phase II Environmental Site Assessments

December 27, 2002

Privileged and Confidential Information
Disclose Only to Authorized Parties

Conducted at:

Bayside Fuel Oil Depot Corp.
510 Sackett Street

and

Bond Street Garage
267-285 Bond Street
Brooklyn, New York 11231

Prepared for:

Gowanus Canal, LLC
Mr. Dan Hirsch
160 West 95th Street
New York, New York 10017

Prepared by:

Galli Engineering, P.C.
734 Walt Whitman, Suite 402A
Melville, New York 11747

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H. SUMMARY TABLES

1.0 INTRODUCTION

Under contract with Gowanus Canal, LLC, Galli Engineering, P.C. has completed a Phase I and a Phase II Environmental Assessment of the four tax lots collectively known as the Bayside Fuel Oil Depot Corp., 510 Sackett Street and the Bond Street Garage, 267-285 Bond Street, Brooklyn, New York 11231, herein identified as the "subject property". The property is specifically identified as:

Parcel A
Map: Section 2, Block 431, Lot 12
Address: 498-502 Sackett Street
Brooklyn, NY 11231

Parcel B
Map: Section 2, Block 431, Lot 17
Address: 508-520 Sackett Street, a/k/a 505-517 Union Street
Brooklyn, NY 11231

Parcel C
Map: Section 2, Block 424, Lot 1
Address: 267-285 Bond Street, a/k/a 484-508 Degraw Street, a/k/a 479-493 Sackett Street
Brooklyn, NY 11231

Parcel D
Map: Section 2, Block 424, Lot 20
Address: 495-505 Sackett Street
Brooklyn, NY 11231

The four subject property lots situated within the Borough of Brooklyn consist of approximately 2.75 acres.

1.1 Purpose

The purpose of the Phase I Environmental Site Assessment element is to determine (using non-intrusive methods) if any type of environmental hazard exists within the property in question. Environmental hazards include, but are not limited to, hazardous/toxic wastes or raw chemicals stored, dumped or spilled on premises; underground storage of hazardous materials; asbestos within building materials/structures; and identification of potential off-site sources of hazardous waste contamination such as industrial facilities adjacent to the subject site.

The purpose of the Phase II Environmental Site Assessment element is to determine (using physical methods) the presence or absence of soil or groundwater contamination consistent with known previous uses of the property. The previous uses of interest are the presence of former underground fuel storage tanks and a former coal distribution facility.

This assessment is intended to satisfy the requirements of the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments, as published in ASTM E 1527. Banks, insurance companies, and prospective property purchasers require an understanding of existing and past property conditions and uses in order to assess the potential liabilities associated with a property. This assessment has been completed by a qualified environmental professional as defined in the ASTM standard. The objectives of this Environmental Site Assessment are stated as follows:

- Establish a basis of understanding of the past and present land uses of the subject property in order to identify potential environmental and/or public health risks.
- Establish a basis of understanding of the past and present surrounding land uses and environmental resources in order to determine their impact on the environmental quality of the subject property.
- Identify any known or potential items in noncompliance with applicable Local, State, or Federal laws and regulations.
- Identify, to the extent feasible, recognized environmental conditions in connection with the subject and surrounding properties. Recognized environmental conditions are defined by ASTM as follows:

  "The presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimus conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies."

1.2 Special Terms and Conditions

It is the responsibility of the user of this report to provide certain information utilized in the report. This would include reporting any environmental liens (for example, consideration against the property for response action, cleanup, or remediation of hazardous substances or petroleum products) encumbering the property or specialized knowledge or experience that would assist in identifying recognized environmental conditions.

The level of inquiry is uniform in each Phase I Environmental Site Assessment (ESA); however, the availability of information, relevance, and quality of information can vary. As per ASTM Standards, the "environmental professional is not required to verify independently the information provided, but may rely on information provided unless he or she has actual knowledge that certain information is incorrect or unless it is obvious that certain information is incorrect based on other information obtained in the Phase I ESA or otherwise actually known to the environmental professional." Personnel involved in report preparation will make judgments on the accuracy of user provided information and conduct additional research as necessary in order to meet the requirement of identifying recognized environmental conditions on the subject property.

ASTM provides a number of standard sources of historic information. Galli Engineering, P.C. will seek to research as many sources of historic information as may be available as a means of cross confirmation. However, according to ASTM's Standard Practice for Environmental Site Assessments (E1527), the "environmental professional is required to review only record information that is reasonably ascertainable", whereby reasonably ascertainable is defined as "(1) information that is publicly available, (2) information that is obtainable from its source within reasonable time and cost constraints, and (3) information that is practically reviewable." ASTM defines reasonable time constraints as information being provided by the source within twenty days of receiving a written request. Practically reviewable means that "the information is provided by the source in a manner and in a form that, upon examination, yield information relevant to the property without the need for extraordinary analysis of irrelevant data."

Based on ASTM Standards, the Phase I ESA is not intended to include any sampling and analysis of materials associated with the subject property (i.e., soil, water, air, or building materials).

The Phase II ESA was conducted in accordance with industry practice, as defined in the American Society for Testing and Materials (ASTM) Standards related to the Phase II Environmental Site Assessment Process. The methods used for this Phase II were consistent with the nature of the site, the regulatory agencies involved, and the findings of the Phase I ESA. Due to the site specific historical uses of various portions of the properties for coal lots, coal sheds, coal pockets, vehicle fueling, vehicle repair shop and petroleum storage, the Phase II methods include sampling soil and groundwater.

The laboratory results of samples collected as part of this study were evaluated based on the soil cleanup objectives promulgated by the New York State Department of Environmental Conservation (NYSDEC) in the following publications and memorandum:

1. *Technical and Administrative Guidance Memorandum (TAGM) #4046, "Determination of Soil Cleanup Objectives and Cleanup Levels".*
2. *"Determination of Soil Cleanup Levels", Memorandum dated December 20, 2000.*

Provided herein are the results of the soil sampling and analysis performed for the Phase II ESA conducted on the subject property.

1.3 Limitations and Exceptions

This assessment is dated, and is only valid for activities that occurred prior to the date of the site visit. Activities, liabilities, and alterations to the subject property subsequent to the date of the site visit are not included in the assessment.

This assessment is intended to assess the potential for public health or environmental liabilities based upon examination of the subject property in accordance with ASTM Standards. The ASTM Standards provide specific guidance with regard to radon, asbestos, lead in drinking water, lead-based paint, and polychlorinated biphenyls (PCBs).

Analysis of the Comprehensive Environmental Response Compensation and Liability Act

(CERCLA) implications with regard to the innocent landowner defense under Superfund finds that naturally occurring radon is not subject to CERCLA liability and is appropriately considered as a non-scope issue. Accordingly, this assessment will only provide general guidance on this issue, and will not involve or recommend air monitoring for radon gas.

Similarly, the ASTM Standards do not recognize liability with regard to asbestos that is part of the building materials of a structure, in accordance with CERCLA innocent landowner defense under Superfund. However, if asbestos containing material were disposed of on a property, such practice would be subject to Superfund response actions and should be identified. In the interest of serving the client and addressing the needs of the user, this assessment will identify observed potential asbestos containing materials (ACMs), which may pose a health threat. This assessment is not a full asbestos survey to serve in identifying all possible sources of ACM, regardless of health danger.

Lead based paint and lead in drinking water are also issues considered to be non-scope under CERCLA innocent landowner defense under Superfund. Lead based paint was in use for many years, and it is likely that many older buildings will have surfaces coated with lead based paint. As a general rule, painted surfaces should be maintained and ingestion of paint products should be avoided. If on-site disposal of these materials were involved, disclosure of this practice would be subject to the scope and conditions of this environmental assessment. In the interest of serving the user, this report may include limited field-testing of surface paints and the observations on the condition of the painted surfaces. Lead in drinking water generally occurs as a result of high lead content in solder. Water left stagnant in pipes overnight or longer may leach lead from the joints and adversely affect the drinking water quality. As a general rule, water should run for several minutes in the morning where such plumbing may be present.

This assessment will not identify all potential sources of PCB containing oils. Common sources of these materials include transformers and fluorescent lamp ballasts. Electric service transformers may include ground level or pole-mounted units. These transformers are owned and maintained by regional public utilities. Transformers are inventoried and periodically inspected. Aggressive and destructive testing, which would be required for definitive identification of PCB containing oils, is beyond the scope of this study.

It must be noted that the accuracy of any assessment is limited to the information available during the time of the site visit; the records, files, and drawings provided by the owner and released by governmental agencies; and the accuracy and completeness of the information provided during interviews.

Regarding the Phase II ESA, the investigation is limited by site characteristics that limit the location and number of soil borings that can be completed due to the presence of subsurface obstacles such as construction fill debris and existing buildings.

1.4 Project Specifications

The date of inspection and the key personnel involved in the preparation of the report are provided below:

Project Commenced:	October 25, 2002
Inspection Date:	November 4, 2002
Sampling Dates:	November 4-5, 2002
Report Date:	December 9, 2002
Project Manager:	William J. Conroy, P.G.
Inspector / Prepared By:	William J. Conroy, P.G.

This assessment was performed in accordance with good commercial and customary practice as defined by ASTM E1527. Presented herein are the results of the Phase I and the Phase II Environmental Site Assessment conducted by Galli Engineering, P.C. on the subject property.

These assessments are intended to constitute all appropriate inquiry suitable for establishing innocent landowner status, pursuant to 42 U.S.C. § 9601 (35) (B). This site assessment was prepared by Galli Engineering, P.C. under contract to Gowanus Canal, LLC in order to satisfy requirements as stipulated by said user (ASTM 1527 3.3.39).

Document distribution:

Gowanus Canal, LLC.	Client	Three copies
Galli Engineering, P.C. corporate records	Assessor	One copy

2.0 SITE INSPECTION

William J. Conroy, P.G. of Galli Engineering P.C completed the inspection of the subject property on November 4, 2002. The property was visually inspected and any indication of an environmental hazard was noted. Pictures were also taken of the subject site and adjoining properties on this date (Appendix A). Sampling of soil and groundwater using a truck mounted Geoprobe™ unit was conducted on November 4-5, 2002.

2.1 Site Characteristics

The subject property is situated on the west side the Gowanus Canal. It is comprised of two main parts:

- The "Sackett Street Terminal", Block 431 that occupies most of the block bounded by Union Street on the south, Bond Street on the west and Sackett Street on the north (Parcels A and B).

- The "Bond Street Garage", Block 424 that occupies the entire block bounded by Sackett Street on the south, Bond street on the west and Degraw Street on the north (Parcels C and D).

Characteristics

1. The primary use is as an above ground fuel storage facility. It is classified by the NYSDEC as a Major Oil Storage Facility (MOSF). A MOSF is one with petroleum storage capacities of 400,000 gallons or greater.
2. The facility receives #2 fuel oil, diesel fuel and kerosene from supply vessels on the Gowanus Canal, stores the fuels and distributes the fuel to supply trucks.
3. The facility consists of aboveground storage Tanks A, B, C, D and E.
   - Tank A – 500,000 gallons, #2 Fuel Oil
   - Tank B – 400,000 gallons, #2 Fuel Oil
   - Tank C – 300,000 gallons, Diesel Fuel
   - Tank D – 200,000 gallons, Kerosene
   - Tank E – 100,000 gallons, #2 Fuel Oil
4. Tanks A through E are compartments of a larger compartmented tank (1,500,000 gallons total). The compartmented tank is surrounded and supported by an earthen berm and a concrete wall.
5. A cathodic protection system was installed in 1989. The cathodic protection system has been maintained according to NYSDEC requirements. On July 18, 2002, PCA Engineering, Inc., Pompton Lanes, New Jersey, conducted a cathodic protection survey of the existing system. The test results indicated that localized marginal potentials were noted particularly at the east face of the mounded tanks. Also, that the rectifier is operating near it's maximum DC voltage capacity. The report recommended that supplemental anodes be installed to improve potentials in marginal areas. Furthermore, the rectifier current output should be monitored monthly and the cathodic protection system should be surveyed annually. The findings of the survey and a drawing showing the configuration of the cathodic protection system are provided in Appendix B.

6. Tightness testing was performed on each tank August 21 through September 20, 2001, All tanks passed. Documentation of the tightness testing and Tank Certifications are provided in Appendix B.
7. Four truck loading racks are located north of the tanks.
8. Offices and a boiler room are located north of the tanks.
9. The northwestern portion of the block is occupied by the subject property consisting of a one-story warehouse currently used to store retail toys.
10. A 4,000 gallon gasoline underground storage tank (UST) is located in the northeast corner of the warehouse. The steel UST was installed in 1979 and is equipped with impressed current protection and in-tank leak detection. The fill port is located on the sidewalk and is equipped with a high level alarm and a catch basin. A suction gasoline dispenser is located inside the warehouse. Leak detection testing was performed in 1979.
11. A 1,000 gallon fuel oil UST is located in the northeast corner of the block, adjacent to the offices. The UST fuels the boiler room. The epoxy-lined steel UST was installed in 1947 and is equipped with impressed current protection. Leak detection consists of groundwater monitoring wells. Well monitoring records are available upon request. The fill port is located adjacent to the UST and is equipped with overfill protection. The dispenser is suction type.
12. Three groundwater monitoring wells (MW-1, MW-2 and MW-3) are located on the subject property within this block. Groundwater samples were obtained by Environmental Management, Inc. on May, 21, 2002. The samples were analyzed for Benzene, Toluene, Ethylbenzene, m,p-Xylene and o-Xylene (BTEX) and for Base-Neutral / Acid Extractable SVOCs by Accredited Laboratories of Carteret, New Jersey. The analytical results for the BTEX and the SVOCs were below the Method Detection Limits for all wells.

2.2 Surrounding Properties

Land uses occurring on the surrounding properties may have the potential of causing an adverse effect on the environmental quality of the subject property. The past and current uses of the adjoining properties are primarily light industrial, residential and retail.

The southwestern area on the block containing the Sackett street terminal is occupied by business(es) apparently repairing trucks.

The block located north of Degraw Street block appears to be a current or former chemical facility.

The block south of Union Street appears to be a commercial business.

The area west of Bond Street is primarily residential.

3.0 REVIEW OF CORPORATE RECORDS AND PERSONAL INTERVIEWS

A review of corporate records and personal interviews can provide useful information regarding the processes occurring on the site. Interviews with subject property representatives and review of available corporate documentation has revealed the following information pertaining to the environmental quality of the subject property.

3.1 Personal Interviews

William Conroy of Galli Engineering, P.C. performed the site inspection on November 4, 2002. Personal interviews were conducted during the site visit with Mr. Nicholas DeMaria, an employee of Bayside Fuel Oil Depot Corp. Mr. DeMaria provided the documents regarding the cathodic protection system, the tightness testing and the Tank Closure Report.

3.2 Waste Management Audit

Legislation enacted under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) makes hazardous material generators forever legally liable for byproducts and/or waste they produce. This encompasses the transport and disposal of these materials. The nature of the occupancy and visual inspection can indicate that no waste streams are generated at the site, although confirmation cannot be made until all Freedom of Information Law (FOIL) requests have been satisfied.

3.3 Review of Corporate Documents

The Bayside Fuel Oil Depot Corp. maintains records of:

- cathodic protection system tests conducted twice each month,
- groundwater monitoring well checks conducted twice each month, and
- leak detection tracer method tests conducted each 5 years.

3.4 Review of Previous Environmental Report

The Bayside Fuel Oil Depot Corp. provided a copy of the Tank Closure Report, Bayside Fuel Corporation, Bond Street Terminal, Brooklyn, New York, prepared by A Cleaner Environment of South Jamesport, New York and dated February 17, 1999.

The report was prepared pursuant to the closure of fourteen 550 gallon USTs, associated piping, fills, vents and pumps from the north central portion of Block 424. Apparently, a NYSDEC Spill Number was opened for this tank closure but the text of the Tank Closure Report does not reference a Spill Number. Ten tanks contained diesel fuel and four tanks contained kerosene. Refer to the Site Plan provided in Appendix C.

120 yards of contaminated soil was excavated and transported as non-hazardous waste. According to the report end point soil samples indicated concentrations of VOCs and SVOcs above NYSDEC STARS Guidance Values for the UST excavation and the pump islands.

The Tank Closure Report recommends:

- installation, sampling and monitoring of groundwater wells,
- soil borings to delineate the extent of soil contamination,
- investigate for possible offsite sources of contamination, and
- preparation of a Remedial Action Plan.

Apparently none of these recommendations was implemented and the NYSDEC has not corresponded regarding further action. A review of government records indicates a NYSDEC Spill Number, opened at the time of the tank closure, remains open.

4.0 GOVERNMENT RECORD INVENTORY

The Freedom of Information Act (Public Officers Law, Sections 84-90) provides rights of access to all government documents not exempt from disclosure. Accessible records include paper documents plus items such as video/audio tape recordings, microfilm and computer disks. Galli Engineering, P.C. examined relevant Government documentation so as to define implicit parameters affecting the environmental quality of the subject property. Data provided by Environmental Data Resources, Inc (EDR) was used in the preparation on this report. ERD's report is provided in Appendix D.

4.1 Federal Government - Environmental Protection Agency (EPA)

SUBJECT PROPERTY SEARCH RESULTS

The subject property did not appear on the following Federal databases: NPL, Proposed NPL, CERCLIS, CERC-NFRAP, CORRACTS, RCRIS-TSD, RCRIS Lg. Quan. Gen., RCRA TSD, TRIS, GNRTR, CONSENT, ROD, Delisted NPL, HMIRS, MLTS, MINES, NPL Liens, PADS, RAATS, TRIS, TSCA, or SSTS.

The subject property did appear on the following Federal databases: RCRIS Small Quantity Generator, FINDS, FTTS and ERNS.

RCRIS: Resource Conservation and Recovery Information System
Source: EPA/NTIS
Telephone: 800-424-9346
Resource Conservation and Recovery Information System. RCRIS 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).

For the subject property, EDR reports that Bayside Fuel Oil Depot Corp. (510 Sackett Street) is classified as a Small Quantity Generator, RCRIS-SQG #1000382088, with no violations found and additional details available from the NY MANIFEST database.

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).

For the subject property, EDR reports FINDS shows an EPA Generator ID #NYD981872419 and that for Bayside Fuel Oil Depot Corp. (510 Sackett Street) "Other Pertinent Environmental

Activity Identified at Site: Facility Registry System (FRS), National Compliance Database (NCDB) and Resource Conservation and Recovery Act Information System (RCRAINFO).
FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
Source: EPA
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).

For the subject property, EDR reports that for Bayside Fuel Oil Depot Corp. (510 Sackett Street) on 6/21/00, Inspector D. Taveras investigated under EPCRA legislation and no violation occurred.

ERNS: Emergency Response Notification System
Source: EPA/NTIS
Telephone: 202-260-2342
Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

For the subject property, EDR reports that for Bayside Fuel Oil Depot Corp. (510 Sackett Street) ERNS ID #91201716 and ERNS ID #390184666. No further information regarding these two ERNS ID Numbers is available from the ERD report. However, they may relate to responses to spills to the surface water to which Federal agencies (USCG) have responded. Responses to such spills by the USCG are indicated in NYS Spills reports.

SURROUNDING PROPERTIES SEARCH RESULTS

CERCLIS-NFRAP: 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. A review of the CERC-NFRAP list, as provided by EDR, and dated 09/15/2002 has revealed that there is 1 CERC-NFRAP site within approximately 0.25 miles of the target property.

327-321 BOND STREET VIDAN AUTO SALVAGE

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 05/02/2002 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.
102 3RD ST PATTERSON CHEMICAL CO INC

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA. A review of the RCRIS-SQG list, as provided by EDR, and dated 09/09/2002 has revealed that there are 22 RCRIS-SQG sites within approximately 0.25 miles of the target property.

UNION ST BRG - GOWANUS NYSDOT UNION ST BRIDGE
280 NEVINS ST CHATHAM CLEANERS INC
450 UNION ST THOMAS PAULSON & SON INC
318 NEVINS ST NEW YORK TELEPHONE CO
262 BOND ST O-Z GEDNEY
549 SACKETT ST AUTO BODY CONCEPTS DBA ABC COL
327-321 BOND STREET VIDAN AUTO SALVAGE
242 NEVINS ST CROSSBAY BAY CONTRACTING
325 NEVINS ST CRUSADER CANDLE CO INC
201 DOUGLASS ST NYCDEP - GOWANUS PUMPING STATI
385 CARROLL ST TWO DANS ENTERPRISES
347 BOND ST PENSKE TRUCK LEASING CO LP
236 BUTLER ST PETROLEUM TAMA CLEANERS
337-361 CARROLL ST REGENCY SERVICE CARTS INC
317 HOYT ST NYC BD OF ED - PUBLIC SCHOOL 3
471 BALTIC ST FORTWAY COLLISION INC
40 1ST ST NEW AMSTERDAM THEATER
459 CARROLL ST LINDA TOOL & DIE CORP
423 BALTIC AVE NYCHA - GOWANUS HOUSES
280 DOUGLAS ST RYDER TRUCK RENTAL INC
185 THIRD AVE ELECTRIC SWITCHBOARD CO INC

ERNS: The Emergency Response Notification System records and stores information on reported releases of oil and hazardous substances. The source of this database is the U.S. EPA. A review of the ERNS list, as provided by EDR, and dated 12/31/2001 has revealed that there are 1 ERNS sites within approximately 0.125 miles of the target property.

318 NEVINS ST

4.2 State Government - New York State Department of Environmental Conservation

SUBJECT PROPERTY SEARCH RESULTS

The subject property did not appear on the following New York State databases: State Haz. Waste, State Landfill, LTANKS, UST, CBS UST, VCP, SWTIRE, SWRCY, HSWDS, TP AST, CBS AST or MOSF AST.

The subject property did appear on the following New York State databases: NY Spills, MOSF UST, PBS UST and PBS AST.

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.

For the subject property, EDR reports that for Bayside Fuel Oil Depot Corp. (510 Sackett Street) a MOSF UST Facility ID #2-1220, active facility with:

- 2 USTs identified A-B-C, capacity 1500000 Gal., storage terminal for Nos. 1, 2 or 4 fuel oil.
- 1 UST identified Boiler Tank, capacity 1000 Gal., storage terminal for Nos. 1, 2 or 4 fuel oil.

This MOSF UST as reported by EDR appears to be incomplete. Galli Engineering will obtain a clarification and report it in an addendum to this ESA.

NY Spills: Spills Reported to the NYSDEC
Source: NYSDEC
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.

1) For the address Bayside Fuel Oil Depot Corp. (510 Sackett Street), EDR reports the following NY Spills:

#9604267 – On 6/28/96 0 gallons gasoline spilled on land, NYSDEC responded, corrective action taken.

#9011318 – On 1/25/91, Gowanus Trader vessel spilled 20 gallons #2 fuel oil on surface water, NYSDEC, NYCFD and USCG responded, clean up meets standards.

#9011319 – On 1/25/91, Eckloff Marine vessel spilled 25 gallons #2 fuel oil on surface water, NYSDEC responded, clean up meets standards.

2) For the address Gowanus Canal-Sackett Street, EDR reports the following NY Spills:

#9412033 – On 12/9/94, 270 gallons #4 fuel oil spilled on surface water, no other data.

3) For the address 505 Sackett Street, EDR reports the following NY Spills:

#9809650 – On 11/2/98, 1 gallon of unknown petroleum spilled on land, no other data.
4) For the address 285 Bond Street, EDR reports the following NY Spills:

#9810785 – On 11/25/98, 20 gallons of diesel fuel spilled on land due to equipment failure, no other data.

5) For the address 267 Bond Street, EDR reports the following NY Spills:

#0208144 – On 11/5/02, unknown gallons unknown petroleum spilled on land, no other data.

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.

1) For the address 498-502 Sackett Street, EDR reports the following Petroleum Bulk Storage facility (PBS) UST data:

PBS #2-017590, one 4000 gals gasoline UST in service, suction pump, tested 10/01/97, overfill protection present.

2) For the address 267 Bond Street, EDR reports the following Petroleum Bulk Storage facility (PBS) UST data:

PBS #2-017574, five 275 gals (one kerosene and four diesel) USTs closed – removed 12/01/98. EDR reported the most recent NY PBS data for this address. The NY PBS database contains nine additional records for this address. These nine records are probably for the other USTs closed – removed on the same date.

AST: Petroleum Bulk Storage Database
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Registered Aboveground Storage Tanks.

1) For the address 498-502 Sackett Street, EDR reports the following Petroleum Bulk Storage facility (PBS) above ground storage tank (AST) data:

PBS #2-017590, two 275 gals above ground lube oil tanks in service.

2) For the address 267 Bond Street, EDR reports the following Petroleum Bulk Storage facility (PBS) above ground storage tank (AST) data:

PBS #2-017574, three 275 gals above ground lube oil tank in service, underground piping.

SURROUNDING PROPERTIES SEARCH RESULTS

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 3 SWF/LF sites within approximately 0.5 miles of the target property.

524-26 BALTIC STREET BALTIC RECYCLING T.S.
186 3RD STREET RED HOOK CRUSHERS, INC.
110 5TH ST SPARTAN DISMANTLING CORP

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 01/01/2002 has revealed that there are 32 LTANKS sites within approximately 0.5 miles of the target property.

325 NEVINS STREET 325 NEVINS STREET
473 PRESIDENT ST 473 PRESIDENT
267 DOUGLAS STREET 267 DOUGLAS STREET
HAMILTON AVE RED HOOK TERMINAL
280 DOUGLAS ST 280 DOUGLAS ST
540 PRESIDENT STREET 540 PRESIDENT STREET
185 NEVINS ST WYCKOFF GARDENS
175 3RD STREET 175 3RD STREET
222 1ST ST THIRD AVE YARD
70 2ND ST/NEW UTRECT AV DEL'S AUTO REPAIR
272 WYCKOFF STREET WYCKOFF GARDENS
272 WYCKOFF STREET WYCKOFF GARDENS
4TH / SACKETT STREET 4TH & SACKETT STREET
200 3RD ST ALL BORO'S
572 WARREN ST WYCKOFF CONSOLIDATED
572 WARREN ST 572 WARREN STREET HOUSES
204-222 4TH AV MERRITT GAS STATION
1-25 2ND AV MCIZ CORP
105 3RD AVE 105 3RD AVE
124 4TH AVENUE 124 4TH AVENUE
66 4TH ST
280 BERGEN ST ULANO CORP
15 2ND AVE BK-N-2 NYC DEPT OF SANITATION - J SCH
7 3RD STREET 7 3RD STREET/PEP S/S

81-03 THIRD AVE 81-03 THIRD AVE/BKLYN
90 4TH AVE EMPTY LOT
80 3RD AVE. 80 3RD AVE.
106 6TH ST 106 6TH ST
284 BALTIC ST IS 293
341 BERGEN ST 341 BERGEN ST
122 HOYT STREET 122 HOYT STREET
438-440 ATLANTIC AVENUE 438-440 ATLANTIC AVENUE

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 15 UST sites within approximately 0.25 miles of the target property.

270 NEVINS STREET ADMIRAL METALS
270 NEVINS STREET T E CONKLIN BRASS&COPPER CO,IN
537 SACKETT ST. ADAMS BOOK CO. INC.
301 NEVINS STREET NICKS UNION NEVINS SER. STA. C
259 BOND STREET 259 BOND STREET
318 NEVINS STREET BELL ATLANTIC
560 SACKETT ST. A & A BRAKE CO INC
201 DOUGLASS ST NYCDEP - GOWANUS PUMPING STATI
236 BUTLER ST PETROLEUM TANK CLEANERS INC
238 BOND STREET GOWANUS
267 DOUGLASS ST D GAVER & SONS INC
280 DOUGLAS STREET RYDER TRUCK RENTAL, INC.
169 THIRD AVENUE DICENT SERVICE STATION INC.

SWRCY: Registered Recycling Facility List from the Department of Environmental Conservation. A review of the SWRCY list, as provided by EDR, and dated 07/17/2000 has revealed that there are 2 SWRCY sites within approximately 0.5 miles of the target property.

182 4TH AVE RINALDI RECYCLING INC
141 SIXTH STREET U.S.A. RECYCLING, INC.

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.

NEVINS ST, DOUGLAS ST.

PROPRIETARY DATABASES

Former Manufactured Gas (Coal Gas) Sites:
A review of the Coal Gas list, as provided by EDR, has revealed that there are 4 Coal Gas sites within approximately 1 mile of the target property.

263 NEVINS ST. FULTON MUNICIPAL GAS CO.
437 SMITH ST. CITIZENS GAS LIGHT CO.
35 12TH ST. METROPOLITAN GAS LIGHT CO.
157 SECOND AVE. BROOKLYN UNION GAS CO.

4.3 Other FOIL Requests

The Freedom of Information Act, (Public Officers Law, Sections 84-90) provides rights of access to all government documents not exempt from disclosure. Accessible records include paper documents plus items such as video/audio tape recordings, microfilm and computer disks. Galli Engineering, P.C. has submitted written requests for all relevant government documentation to define implicit parameters affecting the environmental quality of the subject property. It is our experience that replies from agencies take from several weeks to several months. Freedom of Information requests have been submitted to the following agencies:

NYSDEC Region II
FOIL Request Officer
47-40 21st Street
Long Island City, NY 11101

NYC Dept. of Environmental Protection
FOIL Request Officer
59-17 Junction Boulevard
Corona, NY 11368

Fire Department New York
FOIL Request Officer
FDNY Public Records Unit
9 MetroTech Center, 1st Floor
Brooklyn, New York 11201-3857

NYC Building and Engineering Department
FOIL Request Officer
60 Hudson Street
New York, NY 10013

NYC Department of Health Services
FOIL Request Officer
125 Worth Street
New York, NY 10013

NYSDEC
ECON Records Access Officer
FOIL Request Officer
50 Wolfe Road
Albany, NY 12233-2751

USEPA
Freedom of Information Office
401 M Street, SW
Mail Code: 1105
Washington, D.C. 20460

As of this writing, the following agencies have acknowledged the receipt of the requests but have not provided relevant information pursuant to the requests:

NYC Dept. of Environmental Protection,
Fire Department New York,
NYC Building and Engineering Department,
NYC Department of Health Services,
NYSDEC/Albany - ECON Records Access Officer, and
USEPA.

4.4 Site History

4.4.1 Review of Historical Uses

The purpose of reviewing historical use sources is to identify any prior use of the property or adjoining properties that could lead to the presence of recognized environmental conditions that may adversely affect the property.

Aerial Photographs

Historical aerial photographs are provided in Appendix E. Aerial photographs are available for the years 1943, 1954, 1966, 1975, 1984 and 1994.

1943 – For the Sackett Street Terminal block, a long narrow building occupies the northeast portion. For the Bond Street Garage block, a prominent feature (perhaps the coal distribution facility) occupies the southeast portion and other buildings occupy the remainder of the block.

1954 – For the Sackett Street Terminal block, the configuration of buildings and major fuel storage tanks appears similar to the current configuration. For the Bond Street Garage block, the prominent feature (perhaps the coal distribution facility) still occupies the southeast portion with a barge (possible coal barge) moored adjacent to this feature and other buildings occupy the remainder of the block.

1966 – For the Sackett Street Terminal block, the configuration of buildings and major fuel storage tanks appears similar to the current configuration. For the Bond Street Garage block, the

prominent feature (perhaps the coal distribution facility) still occupies the southeast portion with a barge (possible coal barge) moored adjacent to this feature. A building configured similar to the current truck repair garages appears on the western portion of the block with trailers parked on a lot.

1975 – Aerial photograph is similar to 1966.

1984– Aerial photograph is similar to 1975.

1994 – Aerial photograph is poor quality but appears to be similar to 1984.

Sanborn Fire Insurance Maps

Historic Sanborn Fire Insurance Maps are available for the years 1886, 1904, 1915, 1939, 1950, 1969, 1977, 1979, 1980, 1981, 1986, 1987, 1988, 1991, 1992, 1993, 1995 and 1996.

1886 – The Sackett Street Terminal block was used as a coal yard, lumber yard and a box factory. The Bond Street Garage block was used as a coal yard.

1904 – The Sackett Street Terminal block was used mainly as a coal yard. The Bond Street Garage block was used as a coal yard.

1915 – The Sackett Street Terminal block was used mainly as a coal yard. The Bond Street Garage block was used mainly as a coal yard with a small garage facing Bond Street near the intersection with Sackett Street.

1939 – The Sackett Street Terminal block was used mainly as a coal yard. The Bond Street Garage block was used mainly as a coal yard with an auto repair garage facing Bond Street near the intersection with Sackett Street.

1950 – The eastern half of the Sackett Street Terminal block reflects the current configuration and uses. The current toy warehouse is occupied by a "private garage" and a "motor freight station" The Bond Street Garage block was used as a lumber yard and box manufacturing with the southeast portion remaining as a coal yard.

1969 – The western half Sackett Street Terminal block reflects the current configuration and uses. The current toy warehouse is occupied by a "private garage" and a "motor freight station" the southwest quarter of the block was used as a private garage (with gasoline tanks) and for truck repair. The Bond Street Garage block reflects the current configuration and uses except for the southeast quarter which remains as a coal yard.

1969 – The western half Sackett Street Terminal block reflects the current configuration and uses. The current toy warehouse is occupied by a "private garage" and a "motor freight station" the southwest quarter of the block was used as a private garage (with gasoline tanks) and for truck repair. The Bond Street Garage block reflects the current configuration and uses except for the southeast quarter which remains as a coal yard.

1977 – The western half Sackett Street Terminal block reflects the current configuration and uses. The current toy warehouse is occupied by a "private garage" and a "motor freight station" the southwest quarter of the block was used as a private garage (with gasoline tanks) and for truck repair. The Bond Street Garage block reflects the current configuration and uses except for the southeast quarter which remains as a coal yard.

5.0 LIMITED SCOPE INVESTIGATION OF POSSIBLE LEAD-CONTAINING PAINTS

Elemental lead has no function in the body. It can have poisonous effects on human organs and the nervous system, causing a variety of toxic reactions. Since lead accumulates in the body more rapidly than it can be removed, repeated exposures, even to small amounts, may cause lead poisoning. Over time, deteriorating lead components may allow lead to become airborne. Threshold limit values have been established at 0.15 mg/m^3 in air by the American Conference of Governmental Industrial Hygienists.

Disposal of lead paint does not occur at the subject property. In light of this information, there is no reason to suspect storage of lead containing paint products. However, since it has been confirmed that the site has been occupied by a structure since at least 1901, and likely since the 1860s, lead-based paint may have been used at some point in the structure's history. If construction, renovation, demolition or any other activities occur at the site that may require the removal of paint, the site must first be tested for lead-based paint. Should lead-based paint be confirmed, federal, state and local guidelines must be followed with any lead-based paint removal/disposal activities. Consistent with ASTM standards, lead paint is not considered an immediate environmental health concern at the subject property.

6.0 RADON

Radon is a heavy colorless, odorless, radioactive gas formed by the radioactive decay of radium. Radon is associated with specific geologic formations that contain granite, uranium minerals, certain shale and phosphate related minerals. Radon, as a gas, can migrate and accumulate in confined spaces, such as building basements. Where there is waterborne radon present in tap water, exposure can occur during consumption or inhaling vapor from tap water. Continued exposure to radon gas has been associated with the incidence of lung cancer and possible genetic damage.

The U.S. Environmental Protection Agency (USEPA) has set a maximum action level of 4 picocuries per liter (pCi/l) in air. At concentrations above this level, USEPA recommends measures to lower the concentrations. USEPA has developed a "Map of Radon Zones" to indicate the levels of radon concentration from testing and aerial surveys conducted in all counties of New York State. It was determined that Kings County was designated a "Zone 3" area which represents average indoor radon concentrations of less than 2 pCi/l. Consequently, these levels are among the lowest reported averages in the state and therefore not considered to be a significant environmental concern at the subject site.

7.0 LIMITED SCOPE IDENTIFICATION OF POSSIBLE FRIABLE ASBESTOS CONTAINING MATERIALS

Asbestos has been linked to various types of lung diseases. Various regulatory agencies have tolerance limits of 1% by weight for asbestos in materials. Any material that contains asbestos levels above this limit may be considered hazardous and may have to be abated.

Since it has been confirmed that the site has been occupied by a structure since at least 1901, and likely since the 1860s, asbestos containing materials may have been used during site construction. If renovations or demolition occur on-site and suspected asbestos containing materials are encountered, federal, state and local regulations must be followed during the handling of these materials.

9.0 SITE HYDROGEOLOGIC AND HYDROLOGIC DATA

The aquifer system beneath Kings County is not used as a source of potable water to the County. It is composed of unconsolidated deposits of Mesozoic and Triassic gravel, sand, silt, and clay. Having derived from both glacial and fluvial deposits, these sediments overlie relatively impermeable crystalline bedrock.

The U.S.G.S 7.5 Minute (Topographic) Series Map of Brooklyn, NY Quadrangle indicates that the land surface elevations at the subject site range from approximately 22 ft above mean sea level to 0 ft above mean sea level. The topographic slope at the site is down to the east (towards the Gowanus Canal). Insufficient groundwater monitoring well elevation data exists to calculate the groundwater flow direction or hydraulic gradient. The expected groundwater flow is toward the east. Based upon the findings of the soil borings, the depth to groundwater at the subject property ranges from approximately 9 to 11 ft below land surface (ft bls) .

Samples obtained from the soil borings indicate that the subsurface from 0 to 4 ft bls consists of demolition fill material. The subsurface from 4 to 12 ft bls consists of sandy loam and silt loam with clay layers. The percent composition of clay increases closer to the Gowanus Canal. Bedrock was not encountered by the soil borings.

The subject property is identified as lying within a 100-year flood zone by the Federal Emergency Management Agency.

10.0 SAMPLING OF SOIL AND GROUNDWATER

10.1 Soil Borings

Galli Engineering provided oversight of soil borings to obtain soil and groundwater samples at selected locations. The soil borings were conducted by Aquifer Drilling & Testing, Inc. of Long Island City, New York. The soil boring locations are shown on the Site Plan (Appendix F). The soil borings were conducted on November 4-5, 2002.

The soil boring locations are designated GP-1, GP-3, GP-5, GP-7 and GP-8.

Soil boring GP-1 is located hydraulically downgradient of and near the former UST field that was closed in 1998.

Soil boring GP-3 is located at the farthest hydraulically downgradient area on the subject property relative to the former UST field that was closed in 1998.

Soil boring GP-5 is located approximately in the center of the latest coal handling facility on the subject property.

Soil boring GP-7 provides data for the southwestern portion of the Bond Street Garage block.

Soil boring GP-8 is located hydraulically downgradient of and near the active gasoline UST located in the northeast corner of the warehouse.

Several unsuccessful soil boring attempts were made in order to complete the five successful soil borings. Unsuccessful soil borings resulted form encountering fill debris such as concrete at shallow depths. These soil borings could not be advanced to the desired depths and were abandoned.

10.2 Sample Collection

Soil and groundwater samples were collected from each of the soil borings. The soil samples are identified as 1-S, 3-S, 5-S, 7-S and 8-S. The groundwater samples are identified as 1-A, 3-A, 5-A, 7-A and 8-A.

These soil and groundwater samples were collected were placed into laboratory grade glass jars. Each sample jar was packed in a plastic bag and placed in a secure cooler with separately bagged ice. The samples were logged on a chain of custody document by sampling personnel, and remained in the custody of Galli Engineering until transport of the samples to the analytical laboratory via hand delivery.

8.0 PROXIMITY OF PROPERTY TO SENSITIVE ECOLOGICAL AREAS

During the site inspection, Galli Engineering personnel identified no ecologically sensitive areas within the subject property.

Adjacent to the subject property, the Gowanus Canal is identified as a wetland by The National Wetland Inventory.

10.3 Analytical Methods

10.3.1 Field Screening

The soil samples were screened in the field using a portable photoionization detector (PID). The PID detects volatile organic compounds (VOCs) that are indicative of the presence of some types of petroleum hydrocarbon contamination. The PID was zero calibrated and checked with calibration gas.

10.3.2 Laboratory Analysis

The soil and groundwater samples were hand delivered to Accredited Laboratories, Inc. (ALI) of Carteret, New Jersey for analysis on November 6, 2002. Accredited Laboratories is a New York State Certified Commercial Laboratory.

The soil samples (1-S, 3-S, 5-S, 7-S and 8-S) were analyzed for VOCs and Base-Neutra Extractable SVOCs using US EPA Methods 8260 and 8270, respectively. The soil s were also analyzed for Priority Pollutant Metals.

Groundwater samples 1-A and 5-A were analyzed for VOCs and Base-Neutral Extractable SVOCs using US EPA Methods 8260 and 8270, respectively. These groun samples were also analyzed for Priority Pollutant Metals.

Groundwater samples 3-A, 7-A and 8-A were analyzed for VOCs and Base-Neutral Extractable SVOCs only.

The Analytical Data Report prepared by Accredited Laboratories is provided in Appendix G and Summary Tables are provided in Appendix H.

10.4 Analytical Results

10.4.1 Field Screening Results

The field screening measurements for the five soil samples ranged from 0.0 parts per million (ppm) for sample 7-S to greater than 1,600 ppm for sample 1-S. PID measurements for the soil samples were:

- greater than 1,600 ppm for 1-S,
- 200 ppm for 3-S,
- 200 ppm for 5-S
- 0 ppm for 7-S, and
- 120 ppm for 8-S

10.4.2 Soil VOCs – Laboratory Analytical Results

Concentrations of selected analytes detected in soil samples are compared to the NYSDEC Recommended Soil Cleanup Objectives for Gasoline Contaminated Soil and Fuel Oil Contaminated Soil as published by the NYSDEC in the Technical and Administrative Guidance Memo #4046 and as amended by the NYSDEC Soil Cleanup Consolidation Memorandum dated December 20, 2000 (TAGM 4046).

Concentrations of VOCs above the NYSDEC Recommended Soil Cleanup Objectives for Gasoline Contaminated Soil and Fuel Oil Contaminated Soil were detected in one sample as follows:

- sample 1-S, Ethylbenzene 49,000 parts per billion (ppb), m,p-Xylene 120,000 ppb, Isopropylbenzene 10,000 ppb, n-Propylbenzene 24,000 ppb, 1,3,5-Trimethylbenzene 49,000 ppb, 1,2,4-Trimethylbenzene 120,000 ppb and o-Xylene 7,900 ppb.

Concentrations of all other VOC analytes for sample 1-S were reported as non-detect or as an estimated value.

Concentrations of all VOC analytes for samples 3-S, 5-S, 7-S and 8-S were reported as non-detect or as an estimated value.

Acetone was detected in sample 8-S (71 ppb). Acetone is a common laboratory contaminant and may be the source for this analyte. However, acetone was not reported by ALI as a laboratory contaminant. A request for a clarification of this issue has been submitted to ALI by Galli Engineering. ALI's response will be reported to Gowanus Canal, LLC.

Methylene Chloride was reported by ALI as a laboratory contaminant in some samples and is not soil contamination.

A Summary Table of VOCs Detected in Soil Samples is provided in Appendix H.

10.4.3 Soil SVOCs – Laboratory Analytical Results

Concentrations of SVOCs above the NYSDEC Recommended Soil Cleanup Objectives for Gasoline Contaminated Soil and Fuel Oil Contaminated Soil were detected in a sample as follows:

- sample 5-S, Benzo(a)anthracene 1,800 ppb, Chrysene 1,700 ppb, Benzo(b)fluoranthene 1,500 ppb, Benzo(k)fluoranthene 1,300 ppb and Benzo(a)pyrene 1,600 ppb.

Concentrations of SVOCs below the NYSDEC Recommended Soil Cleanup Objectives for Gasoline Contaminated Soil and Fuel Oil Contaminated Soil were detected in samples as follows:

- sample 1-S, Napthalene 12,000 ppb, Phenanthrene 950 ppb, Fluoranthene 590 ppb and Pyrene 1,000 ppb,
- sample 5-S, Fluorene 820 ppb, Phenanthrene 5200 ppb, Anthracene 1,800 ppb, Fluoranthene 4,000 ppb and Pyrene 7,800 ppb.

Concentrations of all other SVOC analytes for sample 1-S and 5-S were reported as non-detect or as an estimated value.

Concentrations of all SVOC analytes for samples 3-S, 7-S and 8-S were reported as non-detect or as an estimated value.

A Summary Table of SVOCs Detected in Soil Samples is provided in Appendix H.

10.4.4 Soil Priority Pollutant Metals (PPMs) – Laboratory Analytical Results

Concentrations of PPMs above the NYSDEC Recommended Soil Cleanup Objectives were detected in sample as follows:

- sample 1-S, Chromium 17.9 parts per million (ppm), Copper 42.5 ppm, Nickel 34.8 ppm and Zinc 45.9 ppm,
- sample 3-S, Arsenic 8.05 ppm, Chromium 22.8 parts ppm, Nickel 90.7 ppm and Zinc 121 ppm,
- sample 5-S, Chromium 20.8 ppm, Nickel 23.5 ppm and Zinc 74.1 ppm,
- sample 7-S, Zinc 22.4 ppm, and
- sample 8-S, Chromium 17.5 ppm, Copper 49.7 ppm, Nickel 31.1 ppm and Zinc 101 ppm.

Concentrations of PPMs below the NYSDEC Recommended Soil Cleanup Objectives were detected in sample as follows:

- sample 1-S, Arsenic 4.14 ppm and Lead 49.3 ppm,
- sample 3-S, Copper 21.6 ppm and Lead 40.1 ppm,
- sample 5-S, Arsenic 6.66 ppm, Copper 20.9 ppm and Lead 42.7,
- sample 7-S, Chromium 5.35 parts ppm, Copper 7.18 ppm, Lead 40.4 ppm and Nickel 7.89 ppm, and
- sample 8-S, Arsenic 5.61 ppm and Lead 349 ppm.

The NYSDEC Recommended Soil Cleanup Objectives for Arsenic, Chromium, Copper, Nickel and Zinc are specified as a maximum concentration value or "Site Background" (SB). The concentrations shown above as being above the NYSDEC Recommended Soil Cleanup Objectives are concentrations above the specified value. However, the concentrations are not exceptionally high and may fall within SB concentrations.

The NYSDEC Recommended Soil Cleanup Objective for Lead is specified only as SB, no maximum concentration value is specified. Concentrations of Lead detected in soil samples ranged from 40.1 ppm (3-S) to 349 ppm (8-S).

Concentrations of all other PPM analytes for sample 1-S and 5-S were reported as non-detect or as an estimated value.

A Summary Table of PPMs Detected in Soil Samples is provided in Appendix H.

10.4.5 Groundwater VOCs – Laboratory Analytical Results

Concentrations of selected analytes detected in groundwater samples are compared to the NYSDEC Groundwater Standards as published by the NYSDEC.

Concentrations of VOCs above the NYSDEC Groundwater Standards were detected in samples as follows:

- sample 1-A, Benzene 220 ppb, Toluene 180 ppb, Ethylbenzene 2,700 ppb, m,p-Xylene 6,000 ppb, Isopropylbenzene 260 ppb, n-Propylbenzene 320 ppb, 1,3,5-Trimethylbenzene 420 ppb, 1,2,4-Trimethylbenzene 2,600 ppb, sec-Butylbenzene 20 ppb, n-Butylbenzene 100 ppb and o-Xylene 500 ppb,
- sample 3-A, Ethylbenzene 5 ppb, m,p-Xylene 14 ppb and 1,2,4-Trimethylbenzene 20 ppb,
- sample 5-A, Toluene 15 ppb, and
- sample 8-A, m,p-Xylene 12 ppb, 1,2,4-Trimethylbenzene 7 ppb and Acetone 56 ppb.

Concentrations of VOCs below the NYSDEC Groundwater Standards were detected in samples as follows:

- sample 3-A, Acetone 15 ppb, and
- sample 5-A, 2-Butanone 10 ppb.

Acetone was detected in sample 3-A (15 ppb) and 8-A (56 ppb). Acetone is a common laboratory contaminant and may be the source for this analyte. However, acetone was not reported by ALI as a laboratory contaminant. A request for a clarification of this issue has been submitted to ALI by Galli Engineering. ALI's response will be reported to Gowanus Canal, LLC.

Methylene Chloride was reported by ALI as a laboratory contaminant in some samples and is not groundwater contamination.

Concentrations of all other VOC analytes for samples 1-S, 3-S, 5-S and 8-S were reported as non-detect or as an estimated value.

Concentrations of all VOC analytes for sample 7-S were reported as non-detect or as an estimated value.

A Summary Table of VOCs Detected in Groundwater Samples is provided in Appendix H.

10.4.6 Groundwater SVOCs – Laboratory Analytical Results

Concentrations of SVOCs above the NYSDEC Groundwater Standards were detected in a sample as follows:

- sample 1-A, Phenanthrene 82 ppb, Pyrene 60 ppb, Napthalene 1,700 ppb and Acenapthene 20 ppb.

Concentrations of SVOCs below the NYSDEC Groundwater Standards were detected in a sample as follows:

- sample 1-A, Fluorene 19 ppb and Fluoranthene 34 ppb.

2-Methylnapthalene was detected in sample 1-A (720 ppb), however, a NYSDEC Groundwater Standards is not included in the TAGM 4046.

Concentrations of all other SVOC analytes for sample 1-S were reported as non-detect or as an estimated value.

Concentrations of all SVOC analytes for sample 3-S, 5-S, 7-S and 8-S were reported as non-detect or as an estimated value.

A Summary Table of SVOCs Detected in Groundwater Samples is provided in Appendix H.

10.4.7 Groundwater Priority Pollutant Metals (PPMs) – Laboratory Analytical Results

Groundwater samples (1-A and 5-A) from Geoprobe locations GP-1 and GP-5 only were analyzed for PPMs. Analytical data fro PPMs in groundwater provides an indication of the possible effects of historic uses upon groundwater quality.

Concentrations of PPMs were detected in samples as follows:

- sample 1-A, Arsenic 36.8 ppb, Chromium 52.6 ppb, Copper 218 ppb, Lead 481 ppb, and Nickel 117 ppb,
- sample 5-A, Arsenic 66.0 ppb, Berryllium 14.9 ppb, Cadmiun 7.19 ppb, Chromium 427 parts ppb, Copper 328 ppb, Lead 4,140 ppb, Nickel 408 ppb and Zinc 4,250 ppb.

Concentrations of PPM below the NYSDEC Groundwater Standards were detected in a sample as follows:

- sample 1-A, Zinc 269 ppb

Concentrations of all other PPM analytes for sample 1-S and 5-S were reported as non-detect.

11.0 EVALUATION OF ANALYTICAL RESULTS

- Boring GP-1 - Soil and groundwater samples indicate the presence of residual petroleum hydrocarbon contamination. The evaluation is based on the presence of VOCs and SVOCs in the soil and VOCs in the groundwater as well as PID measurements and field observations. Boring GP-1 is located immediately east (hydrogeologically downgradient) of the former UST removal excavation. These findings may relate to the presence of the former petroleum fuel USTs. The presence of an offsite source should not be ruled out.

- Boring GP-3 - Groundwater samples indicate the presence of residual petroleum hydrocarbon contamination. The evaluation is based on the presence of VOCs in the groundwater as well as PID measurements. Boring GP-3 is located farther east (hydrogeologically downgradient) of the former UST removal excavation. These findings may relate to the presence of the former petroleum fuel USTs. Soil samples for boring GP-3 indicate the presence of elevated PPMs. Boring GP-3 is located adjacent to the Gowanus Canal. These findings may also relate to the presence of former coal related operations.

- Boring GP-5 – Soil Samples indicate the presence of SVOCs and PPMs in the soil and slight VOCs in the groundwater. This is confirmed by PID measurements. Boring GP-5 is located at the site of the former coal pocket. These findings may relate to the presence of former coal related operations.

- Boring GP-7 – Soil and groundwater samples well as PID measurements and field observations indicate no remarkable findings. Boring GP-7 is located in the middle of the yard east of the garages.

- Boring GP-8 - Groundwater samples indicate the presence of residual petroleum hydrocarbon contamination. The evaluation is based on the presence of VOCs in the groundwater as well as PID measurements and field observations. Boring GP-8 is located immediately east (hydrogeologically downgradient) of the active gasoline UST and dispenser located inside the warehouse. These findings may relate to the presence of the UST or dispenser. The presence of an offsite source should not be ruled out.

12.0 CONCLUSIONS AND REMCOMMENDATIONS

The following recommendations and conclusions should be considered to further define the environmental quality of the subject property.

12.1 Conclusions - Phase I ESA

Based on the results of the walk-through inspection and review of agency records available at the time of this writing, Galli Engineering, P.C. concludes the following:

No additional activities are required at this time to complete the Phase I investigation. However, we have not received all of the records on file with the local, state and federal agencies. This information may present a recognizable environmental condition thereby possibly changing the conclusions of this Phase I Assessment. When available, such information will be reported to Gowanus, LLC by Galli Engineering.

Sackett Street Terminal – Block 431

The battery of large aboveground tanks appear to be well maintained via cathodic protection and tested via tracer mehtods. The tracer testing indicated no leaks within the tank battery. Significantly, the three groundwater monitoring wells adjacent to the tank battery indicate no impacts to groundwater.

A visual inspection of the fuel loading racks indicated that they are well maintained and operated. No fuel spill stains were observed in this area.

A visual inspection of the equipment used for offloading barges indicated that it is well maintained and operated. Spill containment equipment is installed beneath the connections between the barges and the facility. No fuel spill stains were observed in this area.

Spill containment equipment is installed at the east end of Sackett Street at the bank of the canal (should a spill occur on the street or at the loading racks). No fuel spill stains were observed in this area.

The current use of the warehouse represents a low potential for environmental contamination. The active gasoline UST and dispenser within the warehouse appear to be well maintained via cathodic protection and monitored via in tank leak detection. A visual inspection of the above ground fuel oil tanks indicated that they are well maintained. No fuel spill stains were observed in these areas. No storage of possible contaminants and no poor house keeping issues were observed.

Surrounding properties were visually inspected. Some current uses may result in contamination to soil and groundwater. Vehicle maintenance and repair garages were observed on the westerly portion of Block 431. These garages have existed for at least 50 years and appeared to be poorly maintained and showed signs of poor waste handling practices. A suspected UST was encountered during previous well installation drilling (refer to the Site Plan). The UST is believed to be located partially under the Bayside property and partially under the adjacent property. Several

possible UST or AST vents were observed to extend above the southeast portion of the roof adjacent to the driveway. Possible associated tanks may impact the Bayside property.

Additional surrounding uses may result in contamination to soil and groundwater. A large manufacturing building located on the south side of Union Street appeared to include facilities for the handling of numerous chemicals.

Bond Street Garage – Block 424

The former UST removal excavation located in the northwest portion of Block 431 is the prominent issue identified in the Phase I study. Apparently, insufficient soil was excavated during UST closure / removal work in order to fully remediate the contaminated soil. The UST Closure Report recommends that additional investigation and remediation of impacts to soil and groundwater be conducted. However, this work has not been done.

The current use of the garage building represents a low potential for environmental contamination due to the high standards of waste handling being practiced. Minor motor oil spill stains were observed in this area, however large supplies of Quick Dry were present and were being used to clean the spills. No storage of possible contaminants (except used motor oil) and no poor house keeping issues were observed.

Past uses of Block 424 that represent possible sources of soil and groundwater contamination included vehicle repair shops that existed along the Bond Street side for many decades.

Surrounding properties were visually inspected. Some current uses may result in contamination to soil and groundwater. A large manufacturing building located on the north side of Degraw Street appeared to include facilities for the handling of numerous chemicals.

12.2 Recommended Activities - Phase I ESA

Galli Engineering, P.C. has no recommendations at this time.

12.3 Conclusions - Phase II ESA

The Phase II investigation indicates two significant issues.

- possible soil and groundwater contamination between the excavation of the former UST and the canal in Block 424, and
- possible soil and groundwater contamination in the area of the former Coal Pocket facility area in the southeast corner of Block 424.

The Phase II field investigation was limited by the following site conditions:

- lack of access to obtain soil and groundwater samples from beneath the tank battery in Block 431,
- lack of access to obtain soil and groundwater samples from beneath the fuel oil loading dock in Block 431,
- lack of access to obtain soil and groundwater samples from beneath the warehouse due to it's current use in Block 431,
- lack of access to obtain soil and groundwater samples from beneath the current truck repair garages in Block 424, and
- lack of access to obtain soil and groundwater samples from more numerous locations due to the presence of fill debris causing drilling refusal in several instances throughout Block 424.

12.4 Recommended Activities - Phase II ESA

Galli Engineering, P.C. has the following recommendations at this time:

- A Remedial Action Plan (RAP) needs to be prepared and submitted to the NYSDEC. The purpose of the RAP will be to describe measures to be taken to more completely describe and delimit the affected areas, and to remediate them. The RAP will be designed to address the cleanup of the site with the specific goal of providing enough documentation that the two spill numbers can be permanently closed. The RAP will take into account the proposed use of the property and construction plans to the extent possible. The RAP could include additional boring and sampling, soil removal, encapsulation, etc.

13.0 LIMITATIONS

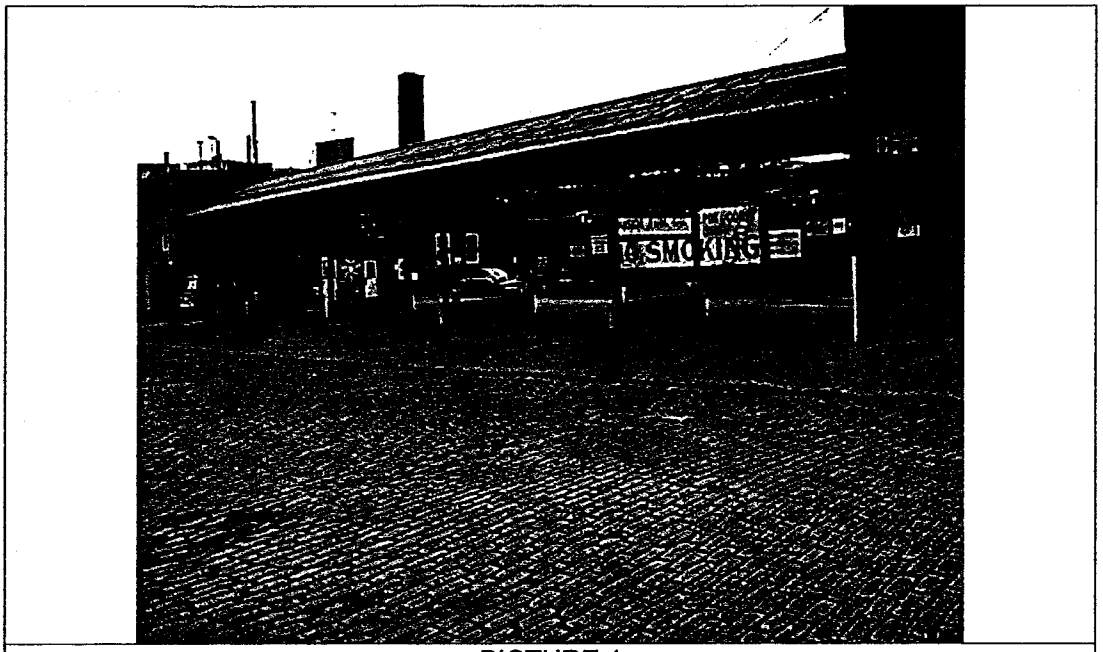
The purpose of this investigation was to identify potential sources of contamination at the property and to satisfy all-appropriate inquiry standard set forth in Section 9601 (35-b) of CERCLA. The findings and conclusions set forth in this report are based upon information that was available to Galli Engineering, P.C. during its inspection of the property, and after review of selected records and documents. If new information becomes available concerning the property after this date, or if the property is used in a manner other than that which is identified in this report, the findings and conclusions contained herein may have to be modified. Additionally, while this investigation was performed in accordance with good commercial and customary practice and generally accepted protocols within the consulting industry, Galli Engineering, P.C. cannot guarantee that the property is completely free of hazardous substances or other materials or conditions that could subject Gowanus Canal, LLC with potential liability. The presence or absence of any such condition can only be confirmed through the collection and analysis of soil and groundwater samples, which was beyond the scope of this investigation.

Future events and/or investigation could change the findings stated herein. Should additional investigations encounter differing conditions, sections of this report may require modification.

GALLI ENGINEERING, P.C.

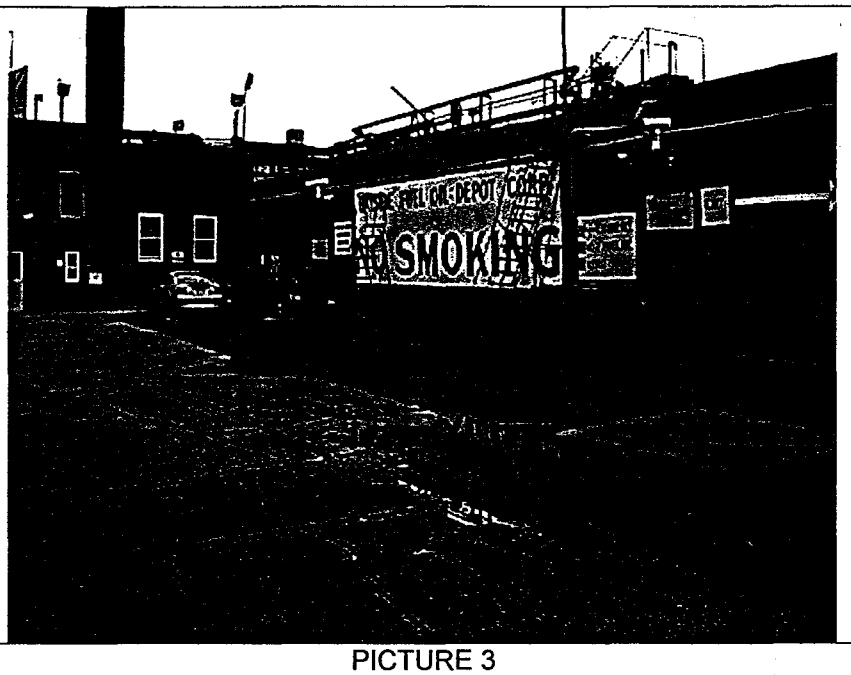
APPENDIX A

PICTURES



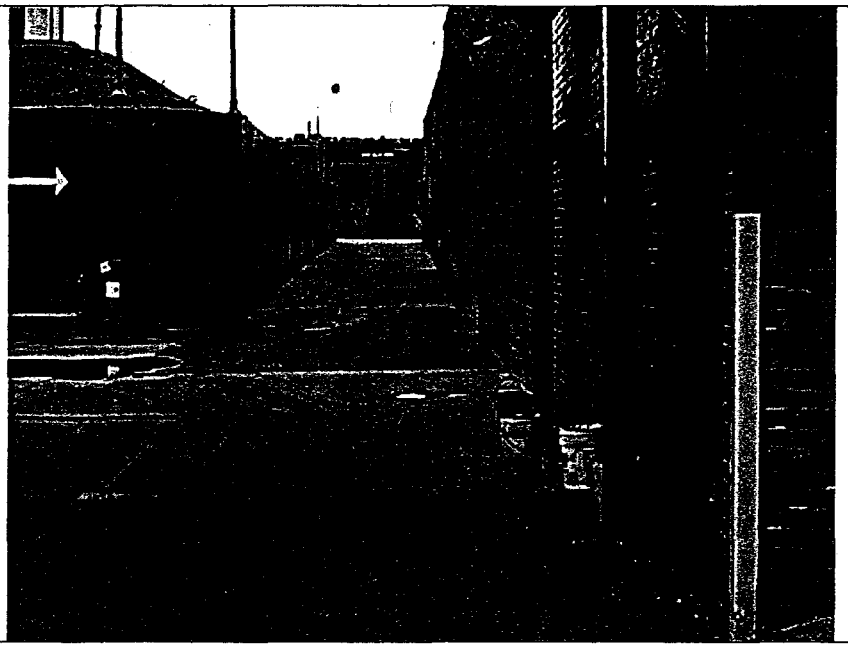
PICTURE 1
COVERED FUEL OIL LOADING BAYS

PICTURE 2
SECURED FUEL LOADING DOCK

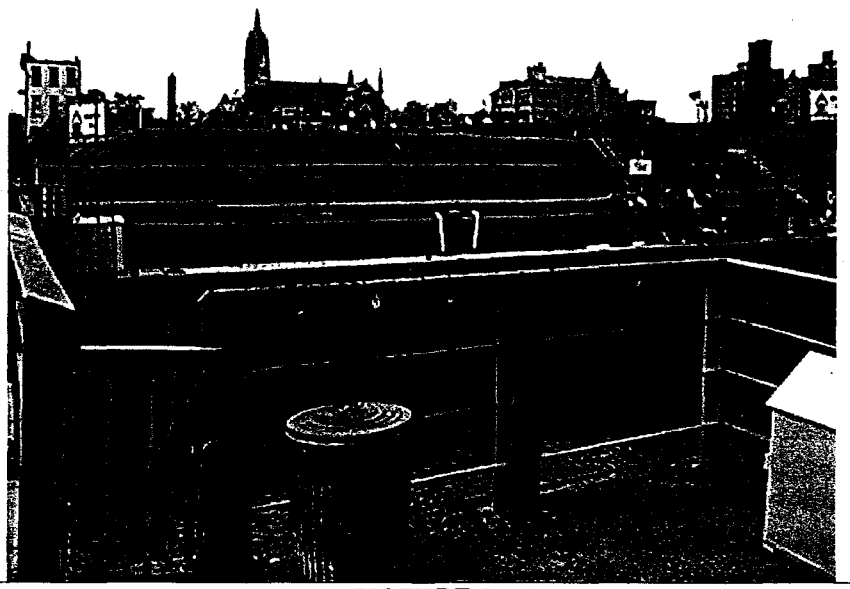


PICTURE 3
CONCRETE RETAINING WALL FOR COMPARTMENTED ASTs

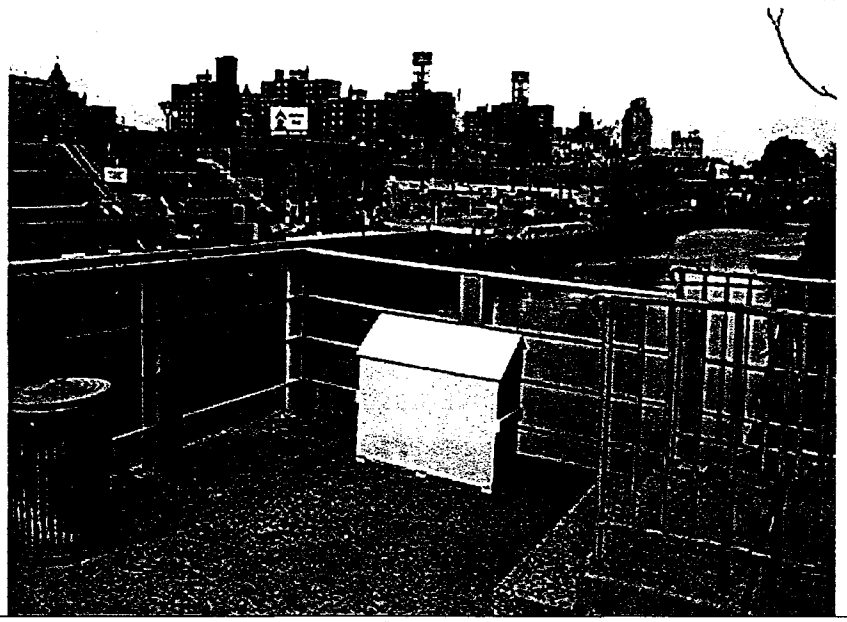
PICTURE 4
COVERED FUEL OIL LOADING BAYS



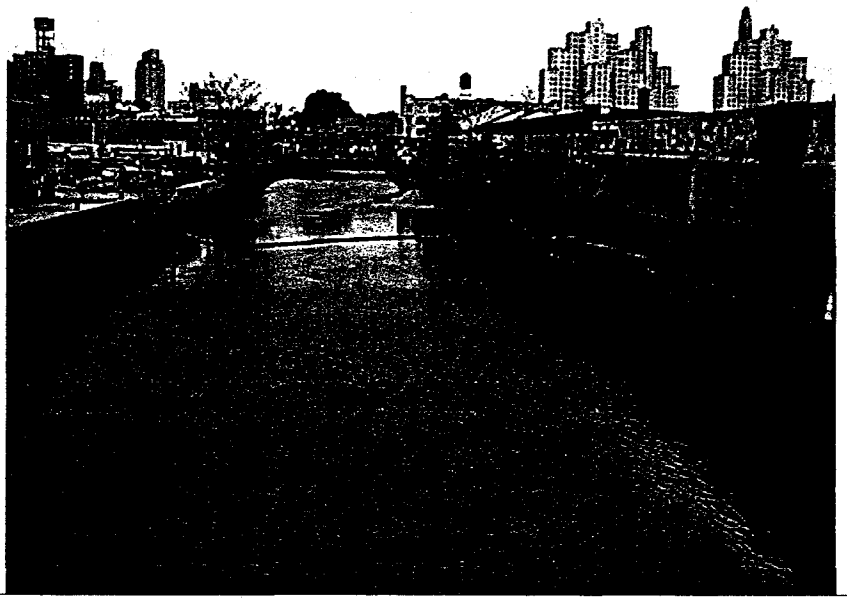
PICTURE 5
DRIVEWAY TO SOUTH, RETAINING WALL LEFT, WAREHOUSE RIGHT



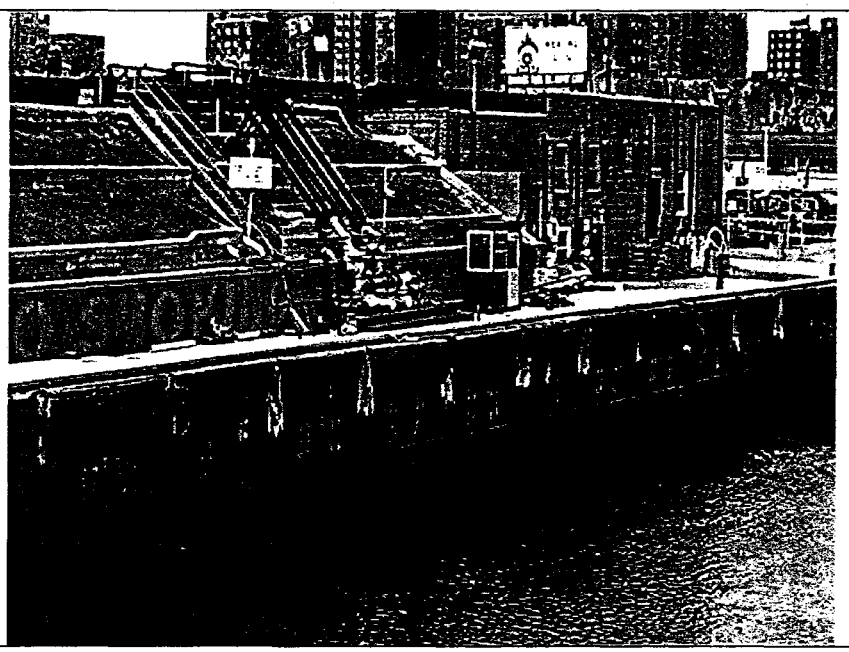
PICTURE 6
ACROSS GOWANUS CANAL TO DOCK AND ASTs



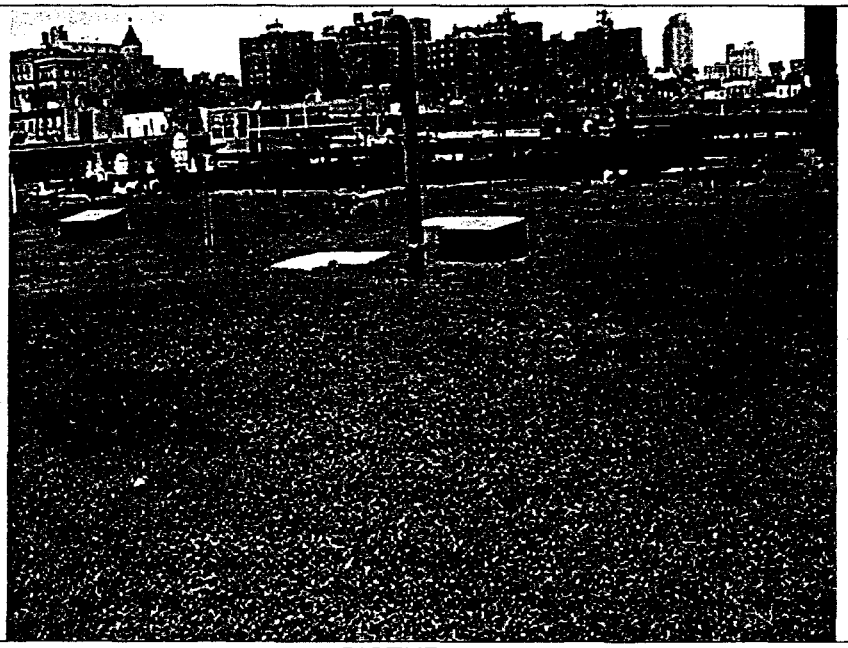
PICTURE 7
ACROSS CANAL TO DOCK, ASTs AND OFFICE



PICTURE 8
GOWANUS CANAL LOOKING NORTH

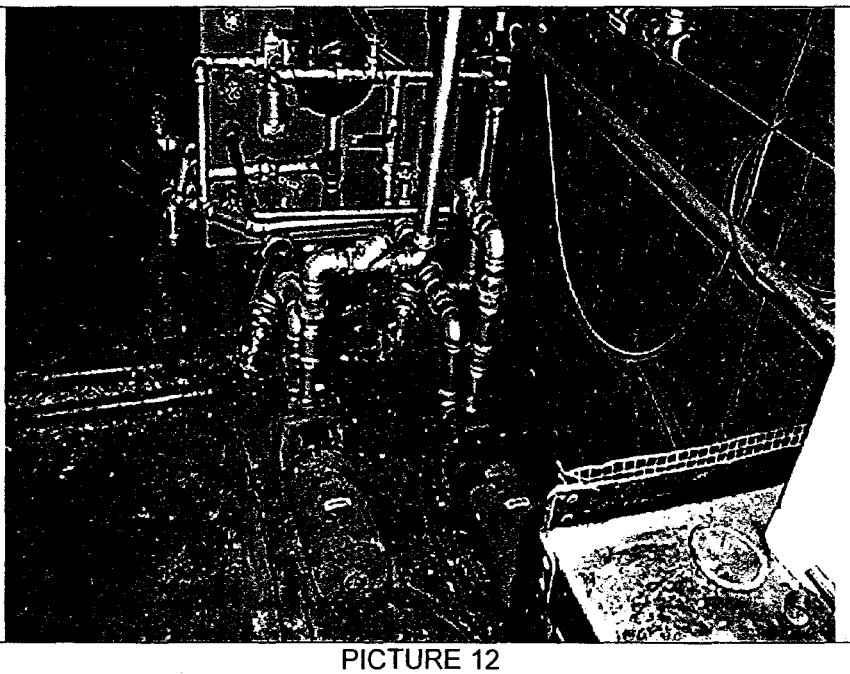


PICTURE 9
FUEL TRANSMISSION LINES FOR ASTs

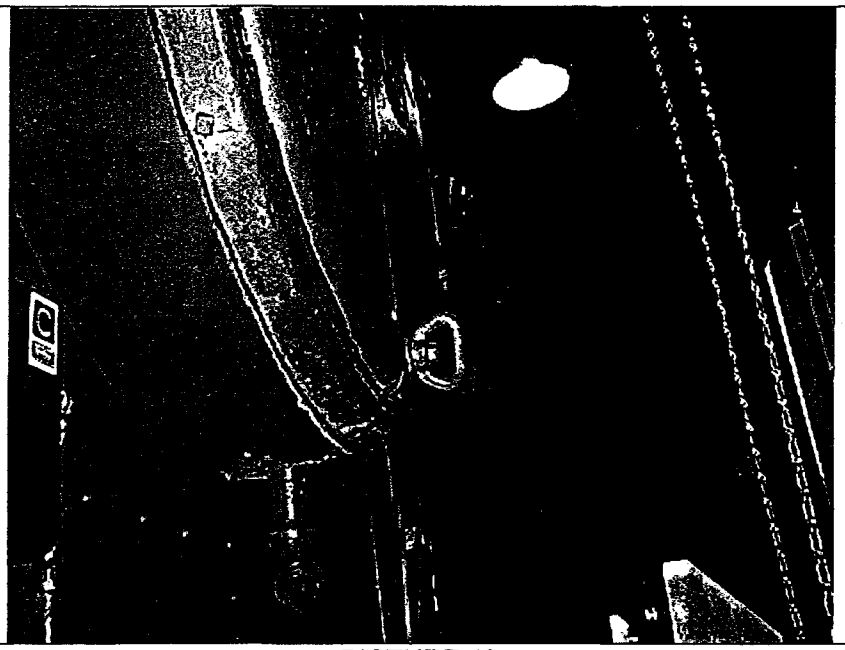


PICTURE 10
ON TOP OF ASTs, FUEL TRAMSMISSION LINES

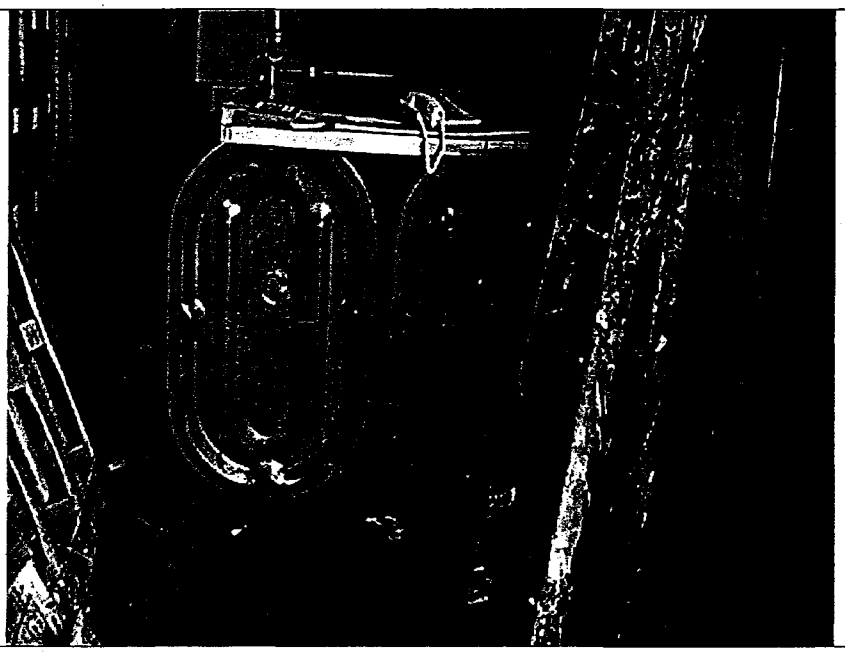
PICTURE 11
ON TOP OF ASTs, FUEL TRAMSMISSION LINES



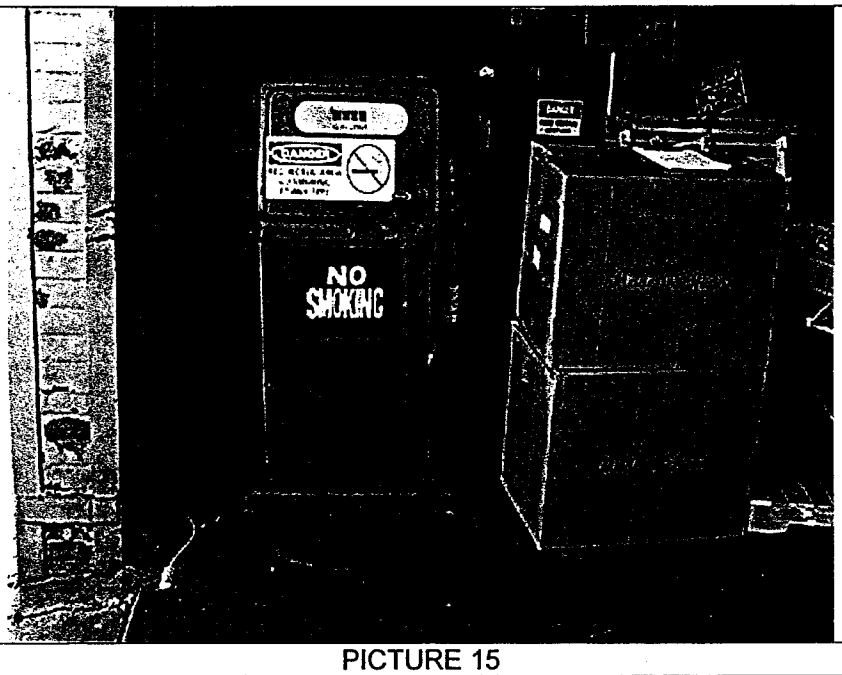
PICTURE 12
ON TOP OF ASTs, FUEL TRAMSMISSION LINES



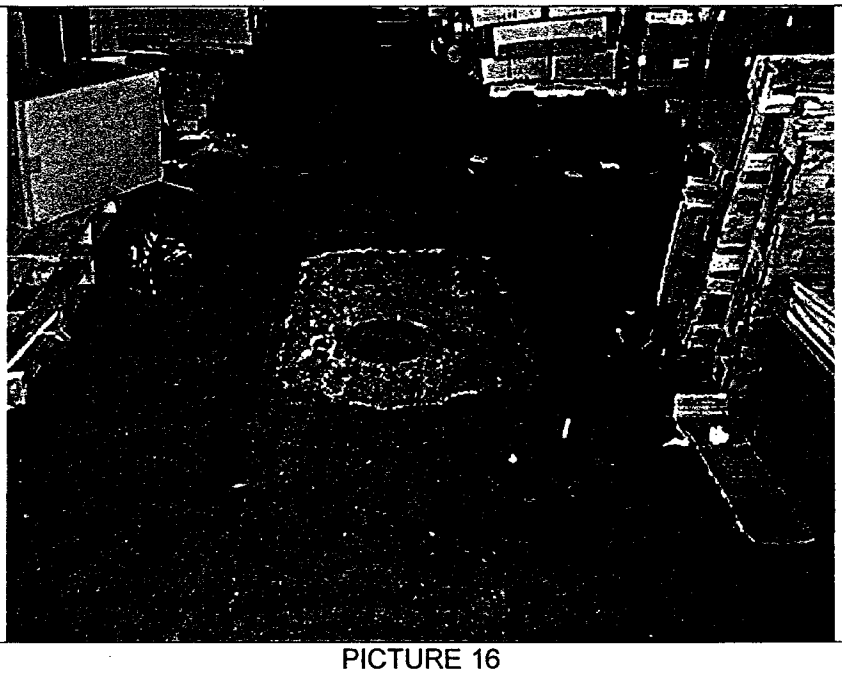
PICTURE 13
BOILER ROOM



PICTURE 14
FUEL OIL ASTs IN WAREHOUSE



PICTURE 15
GASOLINE DISPENSER IN WAREHOUSE



PICTURE 16
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PICTURE 17
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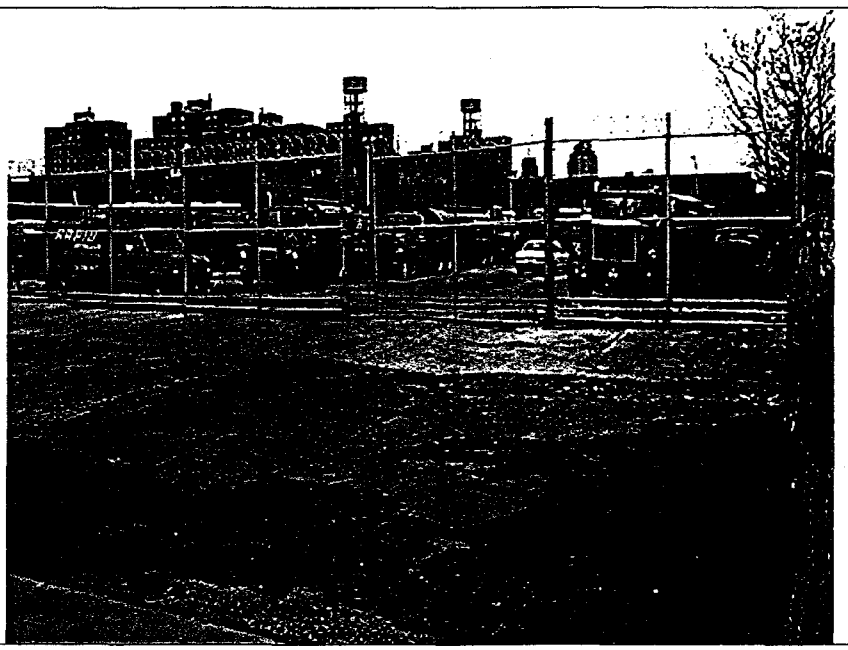

PICTURE 18
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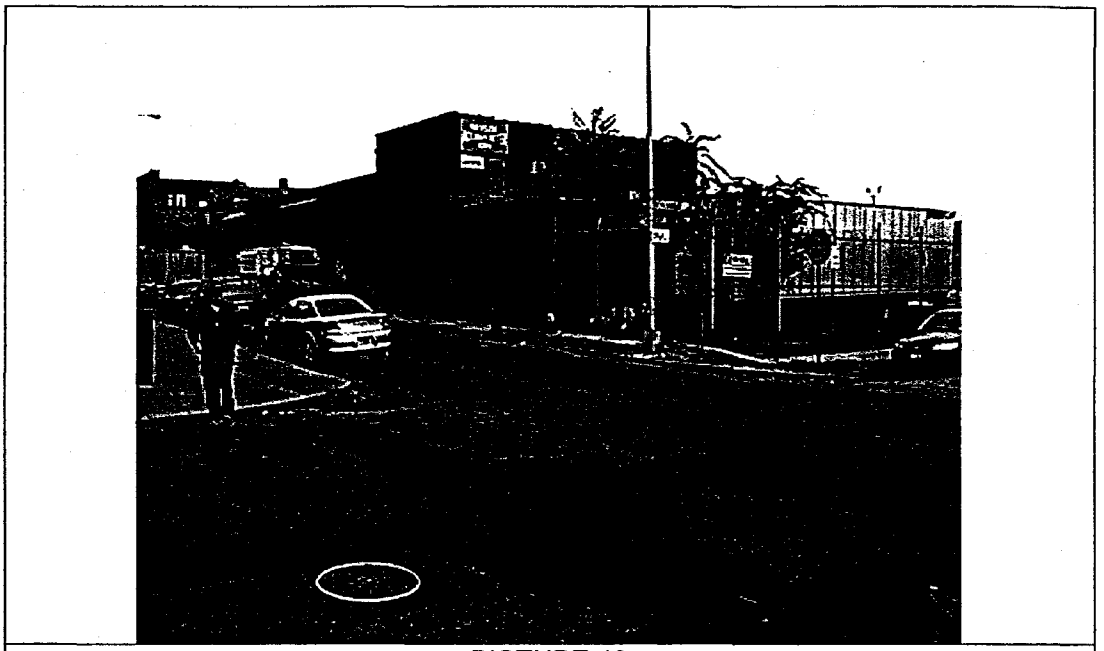
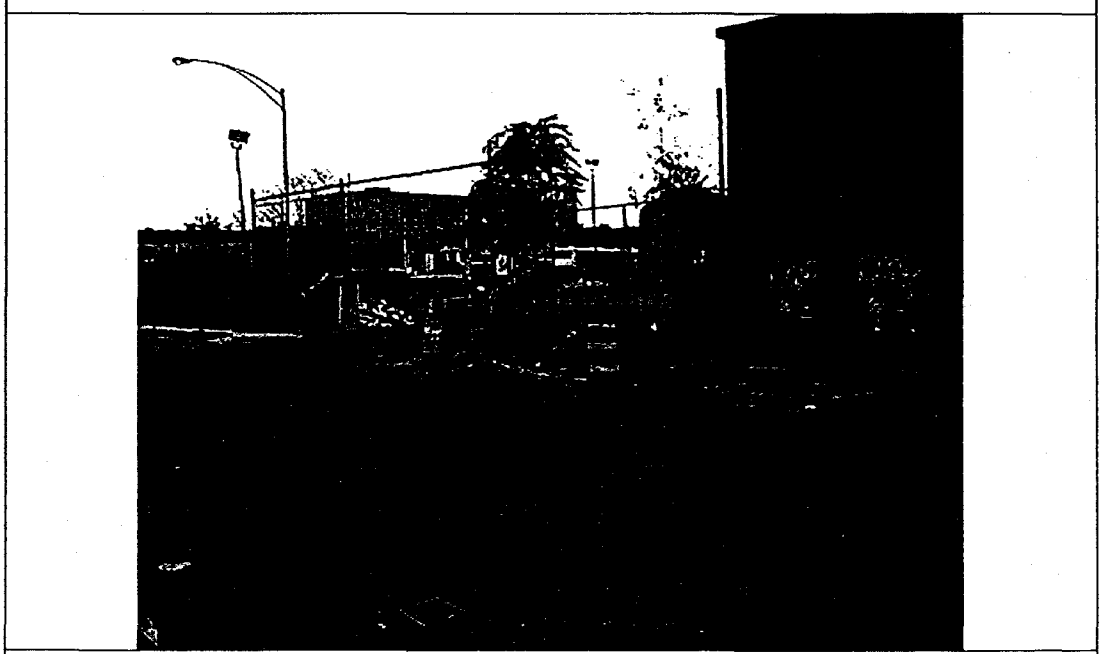
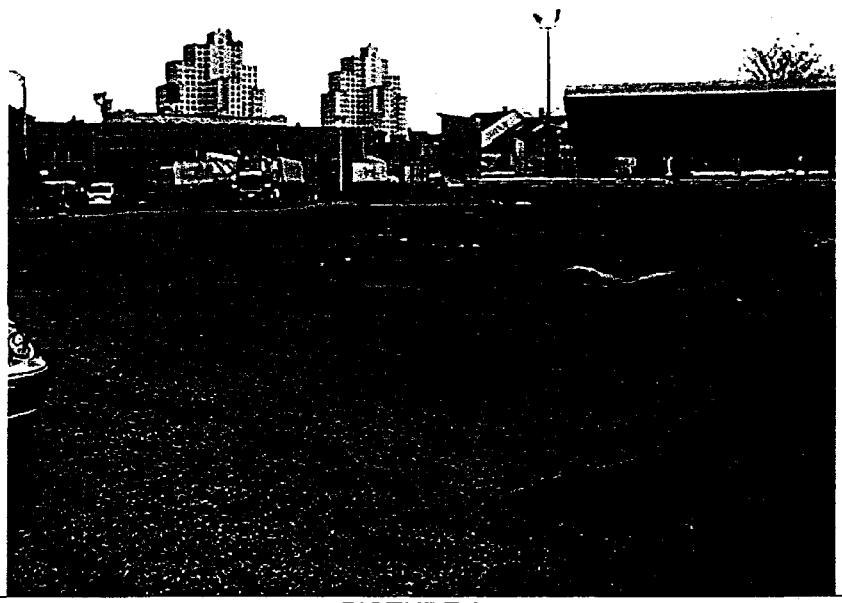


PICTURE 19
WEST SIDE OF TRUCK REPAIR GARAGES

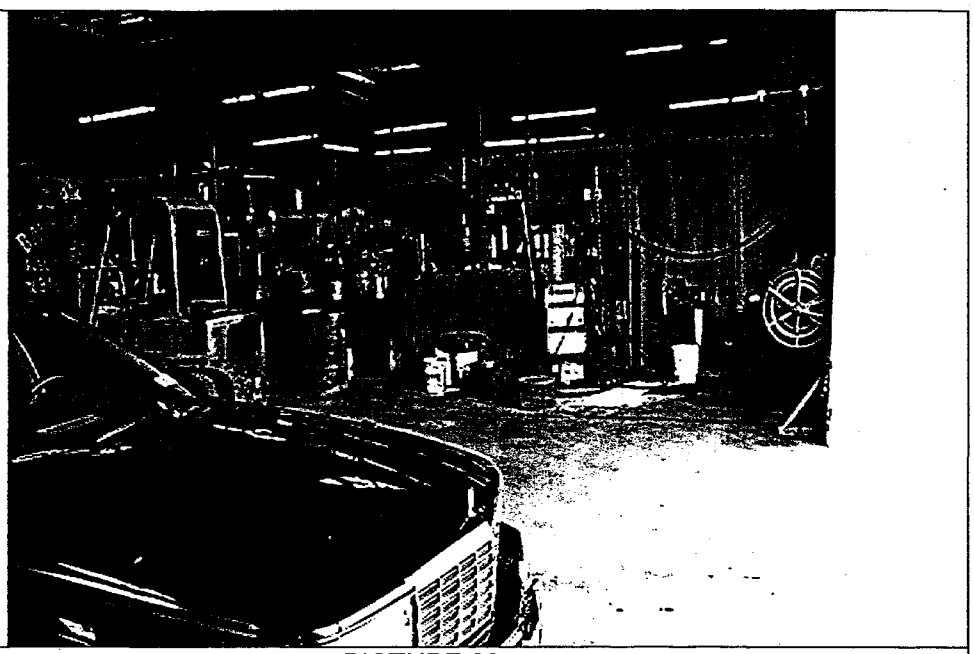


PICTURE 20
DEGRAW STREET ENTRANCE TO BLOCK 424

PICTURE 21
EAST SIDE OF TRUCK REPAIR GARAGES

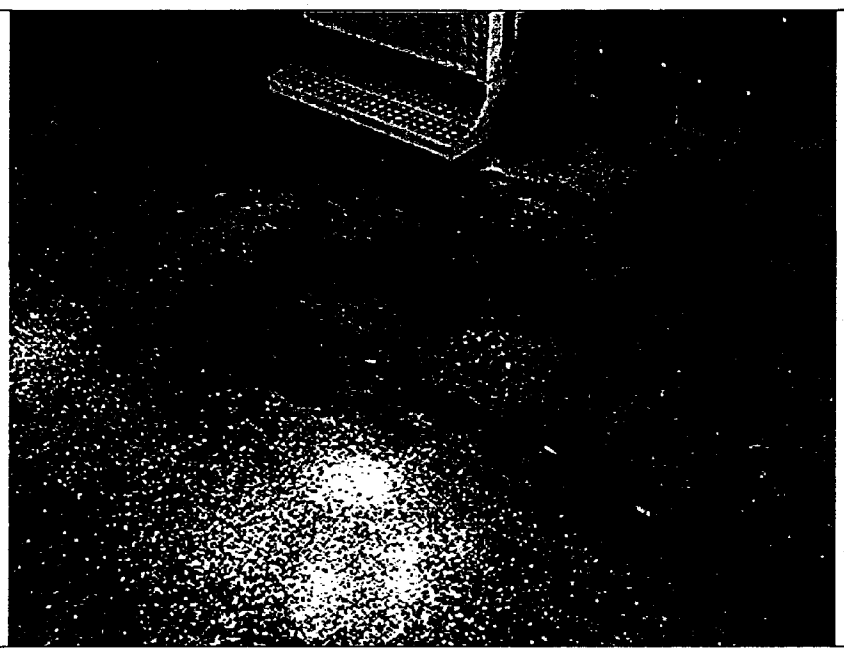


PICTURE 22
TRUCK PARKING AREA, BLOCK 424

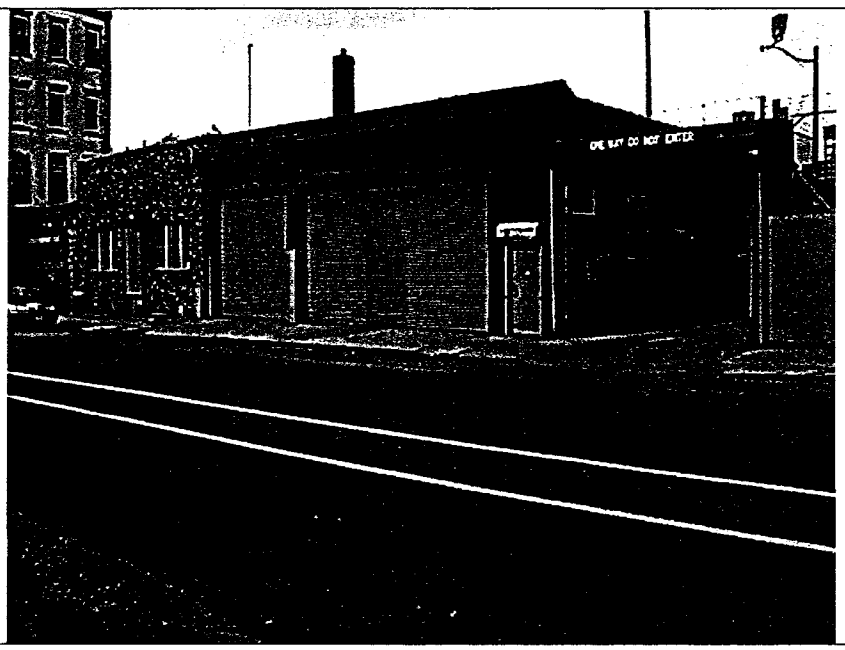


PICTURE 23
TRUCK REPAIR GARAGE

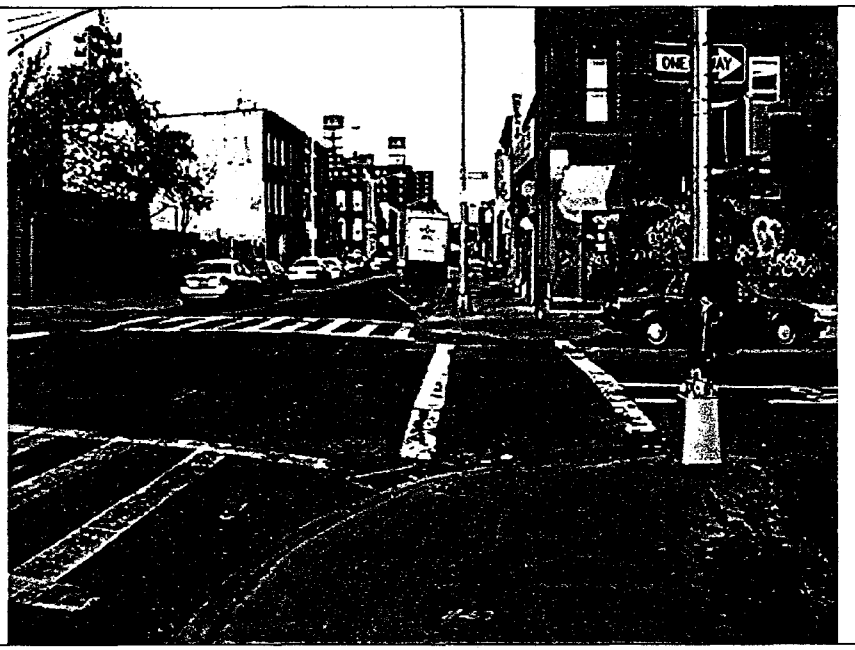
PICTURE 24
TRUCK REPAIR GARAGE



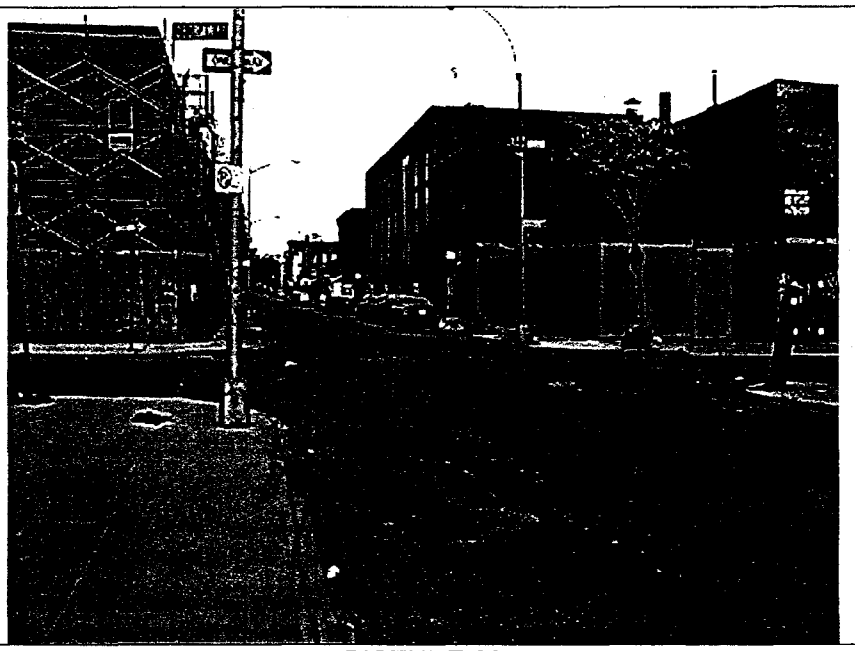
PICTURE 25
FLOOR DRAIN IN TRUCK REPAIR GARAGE



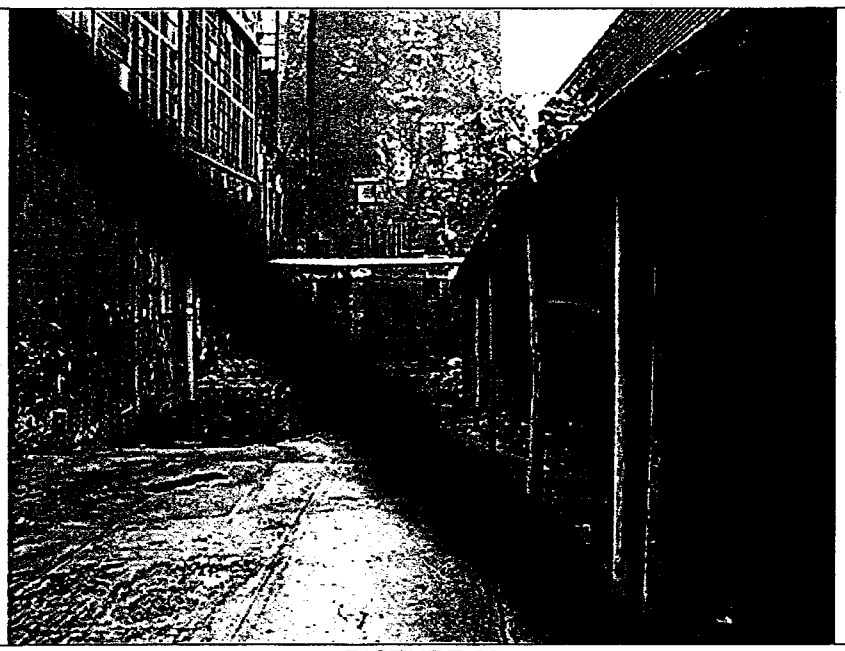
PICTURE 26
SURROUNDING PROPERTY, SOUTHWEST PORTION OF BLOCK 431



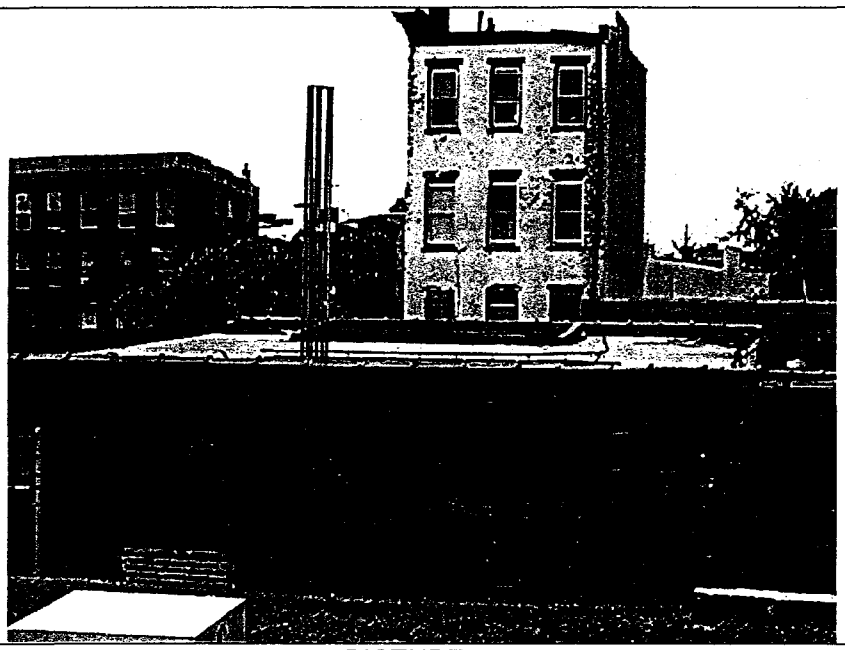
PICTURE 27
SURROUNDING PROPERTY, ON BOND STREET



PICTURE 28
SURROUNDING PROPERTY, ON BOND STREET



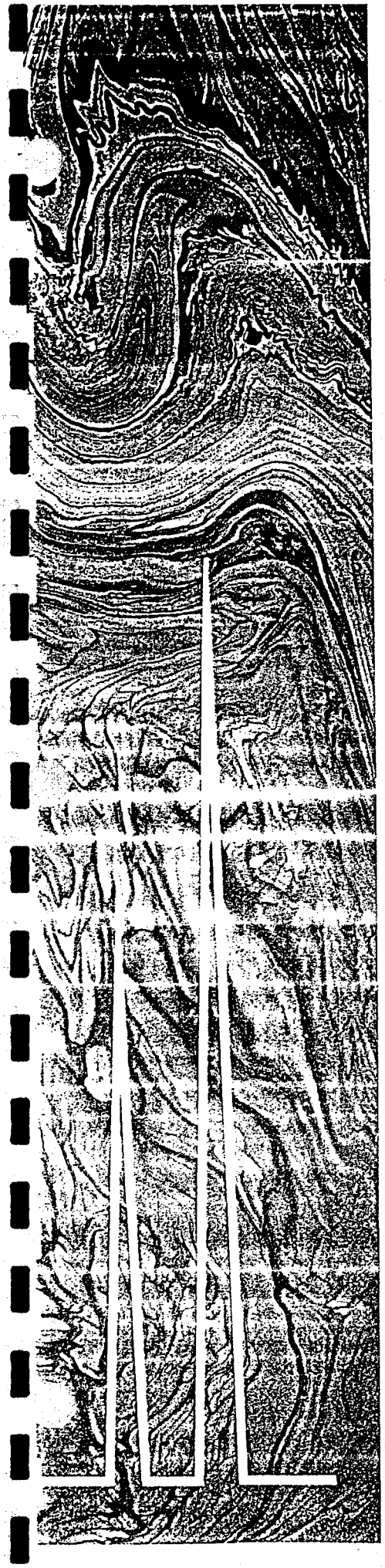
PICTURE 29
SURROUNDING PROPERTY, NORTH OF BLOCK 424



PICTURE 30
SURROUNDING PROPERTY, SOUTHWEST PORTION OF BLOCK 431

APPENDIX B

CATHODIC PROTECTION SYSTEM SURVEY AND TANK TIGHTNESS TESTING DOCUMENTS



Tracer Research Corporation

Tracer Research
Corporation

Prepared for:

Bayside Fuel Oil Depot
1776 Shore Parkway
Brooklyn, NY 11214

Telephone: 718 732 9800
Facsimile: 718 266 3744
Attn: Scott Vitello

Tracer Tight®
Leak Detection Test of Fuel Oil Storage Tanks

Bayside Fuel Oil
Sacket Street Facility
TANKS A, B, C, D & E

21 August – 20 September 2001

Prepared by:

TRACER RESEARCH CORPORATION (NJ)
1583 Livingston Avenue, Unit 6
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Telephone: (732) 220 8757
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Submitted by:

Ben Duncan
TRACER RESEARCH CORPORATION 36299G

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Appendix C: Map of Storage Tanks with Sampling Locations

1.0 Sacket Street Facility Leak Testing

Tracer Research Corporation performed *Tracer Tight*® tightness testing on fuel oil storage tanks A, B, C, D and E at Bayside Fuel Oil Depot's Sacket Street Facility located at 510 Sacket Street in Brooklyn, New York between 21 August and 20 September 2001.

On 21 August 2001, Tracer D was injected into Tanks A, C and E, Tracer A into Tank B, and Tracer R into Tank D. Tracers were injected into each tank through a gauging hatch on the roof.

2.0 *Tracer Tight*® Concept

Tracer Tight® testing is a patented process performed by mixing a volatile chemical concentrate, a tracer, with the product inside a tank or pipeline followed by the detection of tracer, underground, in the vapor phase. The tracer is added to the product at very low concentrations. The tracer has no impact on the chemical or physical properties of the product. The tracer chemical, being highly volatile, distributes itself throughout the product in the tank or pipeline as well as into the vapor space above the product.

If a tank or pipeline leaks, the tracer is released into the soil and disperses in all directions through the air porosity of the soil by molecular diffusion. After the tracer has had time to diffuse and migrate away from the leak, soil gas samples are collected from the area surrounding the tank or pipeline. Leak detection monitoring system probes are placed in the back-fill adjacent to the tank or pipeline to collect the tracer vapors that might appear in the soil if there is a leak. The probes are driven into the ground and a small amount of soil gas is pulled by vacuum through each probe. Samples of this soil gas are collected and analyzed for the presence of tracer and hydrocarbons.

3.0 System Installation

The leak detection monitoring system for Tanks A, B, C, D and E is made up of vertical galvanized steel probes placed in the moat sand around the tank farm. Pneumatic and hand pounding tools were used to sink the probes to depths of 4meters and 2meters below the top surface of the tank structure. Each probe is fitted with a brass and PVC *Tracer Tight*® probe cap designed by Tracer Research to remain permanently onsite for future testing.

The leak detection monitoring system was previously installed in the moat area around the tank farm at the Sacket Street facility. During this year's testing, some original probes could not be located. Probe numbers 36, 37, 38 and 39 were re-installed on 22 August 2001. After installation, vacuum measurements were taken from each probe to check soil permeability.

4.0 Leak Simulation

Tracer Tight® probe # 21 was used as a leak simulation probe. Immediately prior to tank inoculation, a small quantity of Tracer C, different from the tracers in the tanks, was injected into the soil at the bottom of the leak simulation probe. This tracer was used to simulate the migration and detection of a test tracer leaking from the bottom of the tank during the test. The information obtained from this simulation was used to confirm proper system design and sufficient soil permeability.

5.0 Results

Tanks A, B, C, D and E were *Tracer Tight®* leak tested. Background samples were collected from the leak detection monitoring system before the test began on 21 August 2001. Inoculation of the leak simulation probe and the tank occurred on the same day. Samples were collected in dedicated vacuum canisters from the probes adjacent to the tanks 1week and 4weeks after inoculation. All samples were analyzed at the Tracer Research Corporation laboratory in Tucson, Arizona.

Based upon the results of the sample analyses, Tanks A, B, C, D and E all **PASSED** the *Tracer Tight®* leak testing. Certification is in Appendix A.

The criteria for passing these tanks was based on the absence of tracer detected above a threshold value of 0.1 µg/L. Failure of the *Tracer Tight®* leak test requires the confirmed presence of tracer concentrations above the threshold.

Vacuum readings observed during sampling indicated that soil porosity was sufficient for tracer migration and the detection of possible leaks.

The data for the *Tracer Tight®* tests are presented in Appendix B. A Map depicting the locations of sample collection can be found in Appendix C.

APPENDIX A: Tank Certification

Tracer Research
Corporation

Tracer Tight® Leak Detection Certification

15 March 2002

Fac: Sacket

Job: 36299G Sacket

Bayside Fuel Oil, Sacket Street Facility
510 Sacket Street, Brooklyn, NY

Source: DataTrace 2.0

System:	*Volume (gal):*	*Product:*	*Tracer:*	*Status:*
Tank A	500,000	#2 Fuel Oil	D	Passed
Tank B	400,000	#2 Fuel Oil	A	Passed
Tank C	300,000	Diesel Fuel	D	Passed
Tank D	200,000	Kerosene	R	Passed
Tank E	100,000	#2 Fuel Oil	D	Passed

Tracer Research Corporation hereby certifies that the above listed system(s) have been tested by means of *Tracer Tight®*

Submitted By: Ben Duncan

Project Manager

Date: 03-15-2002

Pass Criteria: No Tracer Detected above failing threshold level (0.1ug/L)

Fail Criteria: Confirmed Tracer Detected above failing threshold level

Certification Pages: Bayside Sacket St (36299G)

Appendix A

APPENDIX B: Data Report

Tracer Research
Tracer Research Corporation
1583 Livingston Ave, Unit 6
North Brunswick NJ 08902

Bayside Fuel Oil, Sacket St Facility
Tanks A, B, C, D & E
Background Data - 21 August 2001

Probe #	Depth meters	Tank B Tracer A ug/L	Simulation Tracer C ug/L	Tanks A,C&E Tracer D ug/L	Tank D Tracer R ug/L	Hydrocarbons TVHC ug/L
1	4	0.0000	0.0000	0.0000	0.0000	0.0000
2	2	0.0000	0.0000	0.0000	0.0000	0.0000
3	4	0.0000	0.0000	0.0000	0.0000	0.0000
4	2	0.0000	0.0000	0.0000	0.0000	0.0000
5	4	0.0000	0.0000	0.0000	0.0000	0.0000
6	2	0.0000	0.0446	0.0000	0.0000	0.0000
7	4	0.0000	0.0000	0.0000	0.0000	0.0000
8	2	0.0000	0.0000	0.0000	0.0000	0.0000
9	4	0.0000	0.0000	0.0000	0.0000	0.0000
10	2	0.0000	0.0000	0.0000	0.0000	0.0000
11	4	0.0000	0.0000	0.0000	0.0000	0.0000
12	2	0.0000	0.0000	0.0000	0.0000	0.0000
13	4	0.0000	0.0000	0.0000	0.0000	0.0000
14	2	0.0000	0.0000	0.0000	0.0000	0.0000
15	4	0.0000	0.0000	0.0000	0.0000	0.0000
16	2	0.0000	0.0000	0.0000	0.0000	0.0000
17	4	0.0000	0.0000	0.0000	0.0000	0.0000
18	2	0.0000	0.0000	0.0000	0.0000	0.0000
19	4	0.0000	0.0000	0.0000	0.0000	0.0000
20	2	0.0000	0.0000	0.0000	0.0000	0.0000
21	4	0.0000	0.0000	0.0000	0.0000	0.0000
22	2	0.0000	0.0000	0.0000	0.0000	0.0000
23	4	0.0000	0.0000	0.0000	0.0000	0.0000
24	2	0.0000	0.0000	0.0000	0.0000	0.0000
25	4	0.0000	0.0000	0.0000	0.0000	0.0000
26	2	0.0000	0.0000	0.0000	0.0000	0.0000
27	4	0.0000	0.0000	0.0000	0.0000	0.0000
28	2	0.0000	0.0000	0.0000	0.0000	0.0000
29	4	0.0000	0.0000	0.0000	0.0000	0.0000
30	2	0.0000	0.0000	0.0000	0.0000	0.0000
31	4	0.0000	0.0000	0.0000	0.0000	3.9340
32	2	0.0000	0.0000	0.0000	0.0000	0.0000
33	4	0.0000	0.0000	0.0000	0.0000	0.0000
34	2	0.0000	0.0000	0.0000	0.0000	0.0000
35	4	0.0000	0.0000	0.0000	0.0000	0.0000
36	2	0.0000	0.0000	0.0000	0.0974	0.0000
37	4	0.0000	0.0000	0.0000	0.1796	0.7730
38	2	0.0000	0.0000	0.0000	0.1818	0.0000
39	4	0.0000	0.0000	0.0000	0.0000	0.0000
40	2	0.0000	0.0000	0.0000	0.0000	0.0000
41	4	0.0000	0.0000	0.0000	0.0000	0.0000
42	2	0.0000	0.0000	0.0000	0.0000	0.0000
43	4	0.0000	0.0000	0.0000	0.0000	0.0000
44	2	0.0000	0.0000	0.0000	0.0000	0.0000

*** TVHC = Total Volatile Hydrocarbons

Tracer Research
Tracer Research Corporation
1583 Livingston Ave, Unit 6
North Brunswick, NJ 08902

Bayside Fuel Oil, Sacket St Facility
Tanks A, B, C, D & E
1week Data - 29 August 2001

Probe #	Depth meters	Tank B Tracer A ug/L	Simulation Tracer C ug/L	Tanks A,C&E Tracer D ug/L	Tank D Tracer R ug/L	Hydrocarbons TVHC ug/L
1	4	0.0000	0.0000	0.0000	0.0000	0.0000
2	2	0.0000	0.0000	0.0000	0.0000	0.0000
3	4	0.0000	0.0000	0.0000	0.0000	0.0000
4	2	0.0000	0.0000	0.0000	0.0000	0.0000
5	4	0.0000	0.0000	0.0000	0.0000	0.0000
6	2	0.0000	0.0426	0.0000	0.0000	0.0000
7	4	0.0000	0.0000	0.0000	0.0000	0.0000
8	2	0.0000	0.0000	0.0000	0.0000	0.0000
9	4	0.0000	0.0000	0.0000	0.0000	0.0000
10	2	0.0000	0.0000	0.0000	0.0000	0.0000
11	4	0.0000	0.0000	0.0000	0.0000	0.0000
12	2	0.0000	0.0000	0.0000	0.0000	0.0000
13	4	0.0000	0.0000	0.0000	0.0000	0.0000
14	2	0.0000	0.0000	0.0000	0.0000	0.0000
15	4	0.0000	0.0000	0.0000	0.0000	0.0000
16	2	0.0000	0.0000	0.0000	0.0000	0.0000
17	4	0.0000	0.0000	0.0000	0.0000	0.0000
18	2	0.0000	0.0000	0.0000	0.0000	0.0000
19	4	0.0000	0.0000	0.0000	0.0000	0.0000
20	2	0.0000	0.0000	0.0000	0.0000	0.0000
21	4	0.0000	8.5855	0.0000	0.0000	0.0000
22	2	0.0000	0.5050	0.0000	0.0000	0.0000
23	4	0.0000	0.0000	0.0000	0.0000	0.0000
24	2	0.0000	0.0000	0.0000	0.0000	0.0000
25	4	0.0000	0.0000	0.0000	0.0000	0.0000
26	2	0.0000	0.0000	0.0000	0.0000	0.0000
27	4	0.0000	0.0000	0.0000	0.0000	0.0000
28	2	0.0000	0.0000	0.0000	0.0000	0.0000
29	4	0.0000	0.0000	0.0000	0.0000	0.0000
30	2	0.0000	0.0000	0.0000	0.0000	0.0000
31	4	0.0000	0.0000	0.0000	0.0000	0.0000
32	2	0.0000	0.0000	0.0000	0.0000	0.0000
33	4	0.0000	0.0000	0.0000	0.0000	0.0000
34	2	0.0000	0.0000	0.0000	0.0000	0.0000
35	4	0.0000	0.0000	0.0000	0.0000	0.0000
36	2	0.0000	0.0000	0.0000	0.0000	0.0000
37	4	0.0000	0.0000	0.0000	0.0000	0.0000
38	2	0.0000	0.0000	0.0000	0.0000	0.0000
39	4	0.0000	0.0000	0.0000	0.0000	0.0000
40	2	0.0000	0.0000	0.0000	0.0000	0.0000
41	4	0.0000	0.0000	0.0000	0.0000	0.0000
42	2	0.0000	0.0000	0.0000	0.0000	0.0000
43	4	0.0000	0.0000	0.0000	0.0000	0.0000
44	2	0.0000	0.0000	0.0000	0.0000	0.0000

*** TVHC = Total Volatile Hydrocarbons

Tracer Research
Tracer Research Corporation
1583 Livingston Ave, Unit 6
North Brunswick, NJ 08902

Bayside Fuel Oil, Sacket St Facility
Tanks A, B, C, D & E
4week Data - 20 September 2001

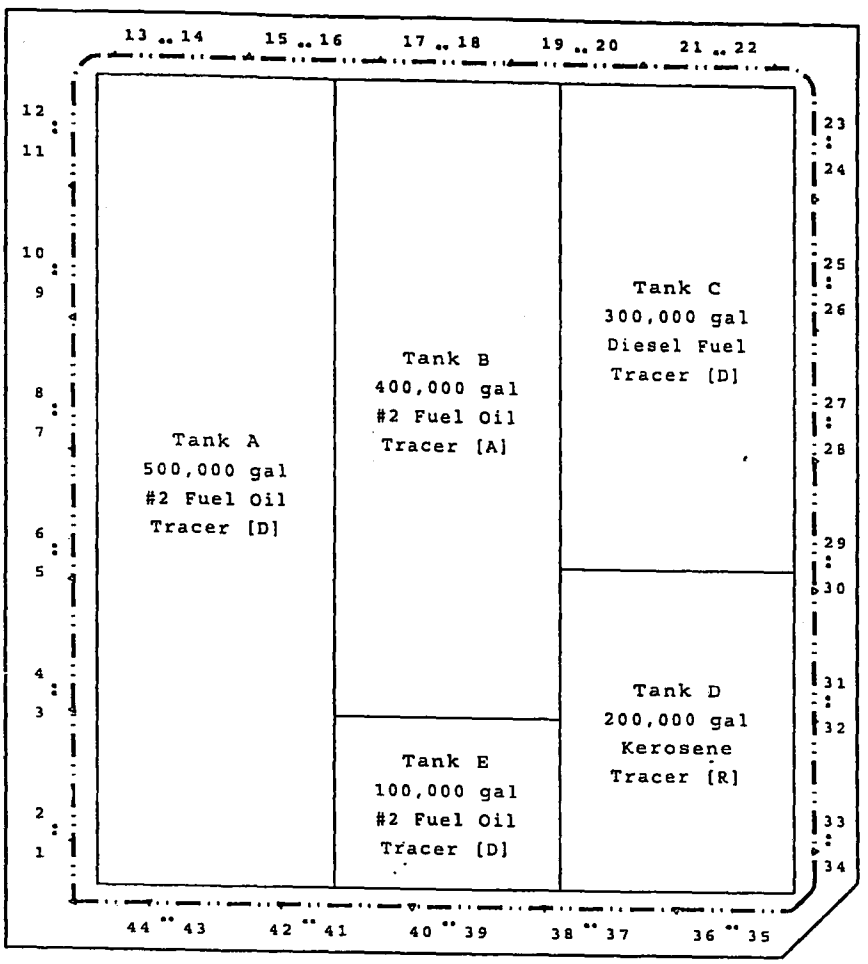
Probe #	Depth meters	Tank B Tracer A ug/L	Simulation Tracer C ug/L	Tanks A,C&E Tracer D ug/L	Tank D Tracer R ug/L	Hydrocarbons TVHC ug/L
1	4	0.0000	0.0000	0.0000	0.0000	0.0000
2	2	0.0000	0.0000	0.0000	0.0000	0.0000
3	4	0.0000	0.0000	0.0000	0.0000	0.0000
4	2	0.0000	0.0000	0.0000	0.0000	0.0000
5	4	0.0000	0.0000	0.0000	0.0000	0.0000
6	2	0.0000	0.0298	0.0000	0.0000	0.0000
7	4	0.0000	0.0000	0.0000	0.0000	0.0000
8	2	0.0000	0.0000	0.0000	0.0000	0.0000
9	4	0.0000	0.0000	0.0000	0.0000	0.0000
10	2	0.0000	0.0000	0.0000	0.0000	0.0000
11	4	0.0000	0.0000	0.0000	0.0000	0.0000
12	2	0.0000	0.0000	0.0000	0.0000	0.0000
13	4	0.0000	0.0000	0.0000	0.0000	0.0000
14	2	0.0000	0.0000	0.0000	0.0000	0.0000
15	4	0.0000	0.0000	0.0000	0.0000	0.0000
16	2	0.0000	0.0000	0.0000	0.0000	0.0000
17	4	0.0000	0.0000	0.0000	0.0000	0.0000
18	2	0.0000	0.0000	0.0000	0.0000	0.0000
19	4	0.0000	0.0000	0.0000	0.0000	0.0000
20	2	0.0000	0.0000	0.0000	0.0000	0.0000
21	4	0.0000	2.8530	0.0000	0.0000	0.0000
22	2	0.0000	0.0751	0.0000	0.0000	0.0000
23	4	0.0000	0.0000	0.0000	0.0000	0.0000
24	2	0.0000	0.0359	0.0000	0.0000	0.0000
25	4	0.0000	0.0000	0.0000	0.0000	0.0000
26	2	0.0000	0.0000	0.0000	0.0000	0.0000
27	4	0.0000	0.0000	0.0000	0.0000	0.0000
28	2	0.0000	0.0000	0.0000	0.0000	0.0000
29	4	0.0000	0.0000	0.0000	0.0000	0.0000
30	2	0.0000	0.0000	0.0000	0.0000	0.0000
31	4	0.0000	0.0000	0.0000	0.0000	0.0000
32	2	0.0000	0.0000	0.0000	0.0000	0.0000
33	4	0.0000	0.0000	0.0000	0.0000	0.0000
34	2	0.0000	0.0000	0.0000	0.0000	0.0000
35	4	0.0000	0.0000	0.0000	0.0000	0.0000
36	2	0.0000	0.0000	0.0000	0.0000	0.0000
37	4	0.0000	0.0000	0.0000	0.0000	0.0000
38	2	0.0000	0.0000	0.0000	0.0000	0.7680
39	4	0.0000	0.0000	0.0000	0.0000	0.0000
40	2	0.0000	0.0000	0.0000	0.0000	0.0000
41	4	0.0000	0.0000	0.0000	0.0000	0.0000
42	2	0.0000	0.0000	0.0000	0.0000	0.0000
43	4	0.0000	0.0000	0.0000	0.0000	0.0000
44	2	0.0000	0.0000	0.0000	0.0000	0.0000

*** TVHC = Total Volatile Hydrocarbons

APPENDIX C: Map of Storage Tanks with Sampling Locations

Tracer Research Corporation

Tracer Research
Corporation



Probe Number & Depth	
1-4m	2-2m
3-4m	4-2m
5-4m	6-2m
7-4m	8-2m
9-4m	10-2m
11-4m	12-2m
13-4m	14-2m
15-4m	16-2m
17-4m	18-2m
19-4m	20-2m
21-4m	22-2m
23-4m	24-2m
25-4m	26-2m
27-4m	28-2m
29-4m	30-2m
31-4m	32-2m
33-4m	34-2m
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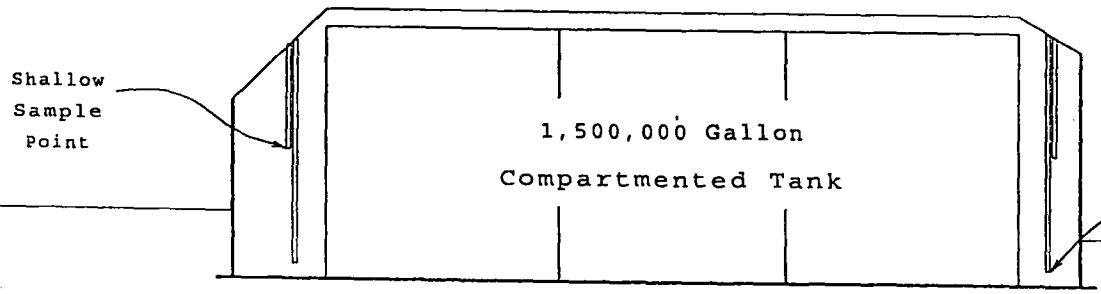
37-4m	38-2m
39-4m	40-2m
41-4m	42-2m
43-4m	44-2m



Cross - Section

EXPLANATION

0 4 8
meters

•1 Sampling Probe Location

Cathodic Protection System

36299G-0000

BAYSIDE FUEL OIL DEPOT CORPORATION

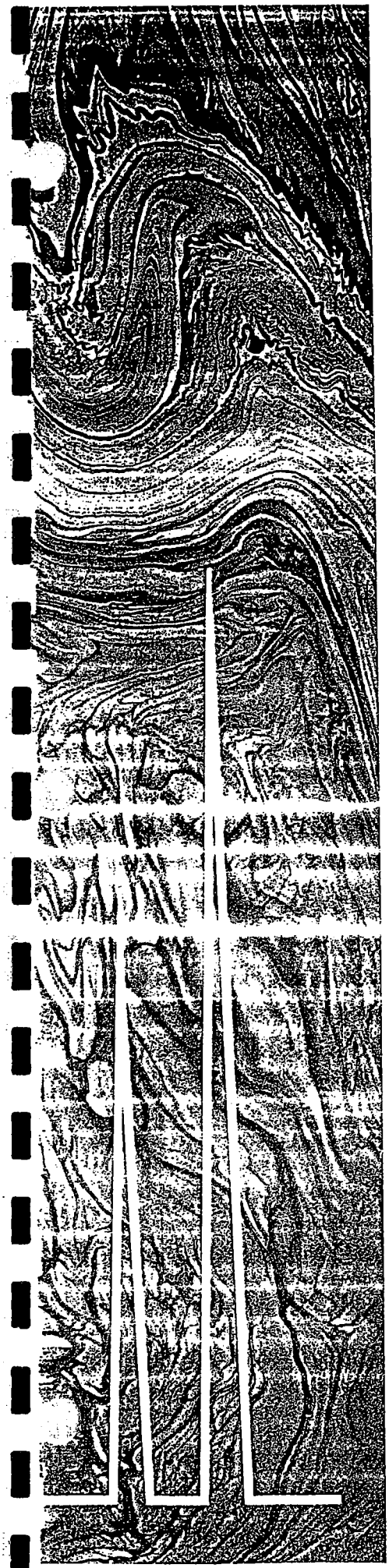
SACKETT ST. FACILITY

BROOKLYN, NEW YORK

SAMPLING LOCATIONS

Figure 1

Tracer Research Corporation appreciates the opportunity to do business with your organization. We constantly strive to improve our service and are very interested in any comments or suggestions you may have about how we can be more responsive to the needs of your company. Should you have any questions or wish to share your comments about the field work performed, analytical results obtained, or this report, please contact Ben Duncan at (732) 220 8757 or bduncan@tracerresearch.com.



Tracer Research Corporation

Tracer Research
Corporation

Prepared for:

Bayside Fuel Oil Depot
1776 Shore Parkway
Brooklyn, NY 11214

Telephone: 718 732 9800
Facsimile: 718 266 3744
Attn: Scott Vitello

Tracer Tight®
Leak Detection Test of Fuel Oil Storage Tanks

Bayside Fuel Oil
Sacket Street Facility
TANKS A, B, C, D & E

21 August – 20 September 2001

Prepared by:

TRACER RESEARCH CORPORATION (NJ)
1583 Livingston Avenue, Unit 6
North Brunswick, NJ 08902
Telephone: (732) 220 8757
Facsimile: (732) 220 9002

Submitted by:

Ben Duncan
TRACER RESEARCH CORPORATION 36299G

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Appendix C: Map of Storage Tanks with Sampling Locations

1.0 Sacket Street Facility Leak Testing

Tracer Research Corporation performed *Tracer Tight*® tightness testing on fuel oil storage tanks A, B, C, D and E at Bayside Fuel Oil Depot's Sacket Street Facility located at 510 Sacket Street in Brooklyn, New York between 21 August and 20 September 2001.

On 21 August 2001, Tracer D was injected into Tanks A, C and E, Tracer A into Tank B, and Tracer R into Tank D. Tracers were injected into each tank through a gauging hatch on the roof.

2.0 *Tracer Tight*® Concept

Tracer Tight® testing is a patented process performed by mixing a volatile chemical concentrate, a tracer, with the product inside a tank or pipeline followed by the detection of tracer, underground, in the vapor phase. The tracer is added to the product at very low concentrations. The tracer has no impact on the chemical or physical properties of the product. The tracer chemical, being highly volatile, distributes itself throughout the product in the tank or pipeline as well as into the vapor space above the product.

If a tank or pipeline leaks, the tracer is released into the soil and disperses in all directions through the air porosity of the soil by molecular diffusion. After the tracer has had time to diffuse and migrate away from the leak, soil gas samples are collected from the area surrounding the tank or pipeline. Leak detection monitoring system probes are placed in the back-fill adjacent to the tank or pipeline to collect the tracer vapors that might appear in the soil if there is a leak. The probes are driven into the ground and a small amount of soil gas is pulled by vacuum through each probe. Samples of this soil gas are collected and analyzed for the presence of tracer and hydrocarbons.

3.0 System Installation

The leak detection monitoring system for Tanks A, B, C, D and E is made up of vertical galvanized steel probes placed in the moat sand around the tank farm. Pneumatic and hand pounding tools were used to sink the probes to depths of 4meters and 2meters below the top surface of the tank structure. Each probe is fitted with a brass and PVC *Tracer Tight*® probe cap designed by Tracer Research to remain permanently onsite for future testing.

The leak detection monitoring system was previously installed in the moat area around the tank farm at the Sacket Street facility. During this year's testing, some original probes could not be located. Probe numbers 36, 37, 38 and 39 were re-installed on 22 August 2001. After installation, vacuum measurements were taken from each probe to check soil permeability.

4.0 Leak Simulation

Tracer Tight® probe # 21 was used as a leak simulation probe. Immediately prior to tank inoculation, a small quantity of Tracer C, different from the tracers in the tanks, was injected into the soil at the bottom of the leak simulation probe. This tracer was used to simulate the migration and detection of a test tracer leaking from the bottom of the tank during the test. The information obtained from this simulation was used to confirm proper system design and sufficient soil permeability.

5.0 Results

Tanks A, B, C, D and E were *Tracer Tight®* leak tested. Background samples were collected from the leak detection monitoring system before the test began on 21 August 2001. Inoculation of the leak simulation probe and the tank occurred on the same day. Samples were collected in dedicated vacuum canisters from the probes adjacent to the tanks 1week and 4weeks after inoculation. All samples were analyzed at the Tracer Research Corporation laboratory in Tucson, Arizona.

Based upon the results of the sample analyses, Tanks A, B, C, D and E all PASSED the *Tracer Tight®* leak testing. Certification is in Appendix A.

The criteria for passing these tanks was based on the absence of tracer detected above a threshold value of 0.1 µg/L. Failure of the *Tracer Tight®* leak test requires the confirmed presence of tracer concentrations above the threshold.

Vacuum readings observed during sampling indicated that soil porosity was sufficient for tracer migration and the detection of possible leaks.

The data for the *Tracer Tight®* tests are presented in Appendix B. A Map depicting the locations of sample collection can be found in Appendix C.

APPENDIX A: Tank Certification

Tracer Research Corporation

Tracer Tight® Leak Detection Certification

15 March 2002

Fac: Sacket

Job: 36299G Sacket

Bayside Fuel Oil, Sacket Street Facility
510 Sacket Street, Brooklyn, NY

Source: DataTrace 2.0

System:	*Volume (gal):*	*Product:*	*Tracer:*	*Status:*
Tank A	500,000	#2 Fuel Oil	D	Passed
Tank B	400,000	#2 Fuel Oil	A	Passed
Tank C	300,000	Diesel Fuel	D	Passed
Tank D	200,000	Kerosene	R	Passed
Tank E	100,000	#2 Fuel Oil	D	Passed

Tracer Research Corporation hereby certifies that the above listed system(s) have been tested by means of *Tracer Tight®*

Submitted By: Ben Duncan

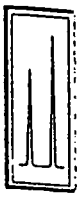
Project Manager

Date: 03-15-2002

Pass Criteria: No Tracer Detected above failing threshold level (0.1ug/L)

Fail Criteria: Confirmed Tracer Detected above failing threshold level

Certification Pages: Bayside Sacket St (36299G) *Appendix A*



APPENDIX B: Data Report

Tracer Research
Tracer Research Corporation
1583 Livingston Ave, Unit 6
North Brunswick NJ 08902

Bayside Fuel Oil, Sacket St Facility
Tanks A, B, C, D & E
Background Data - 21 August 2001

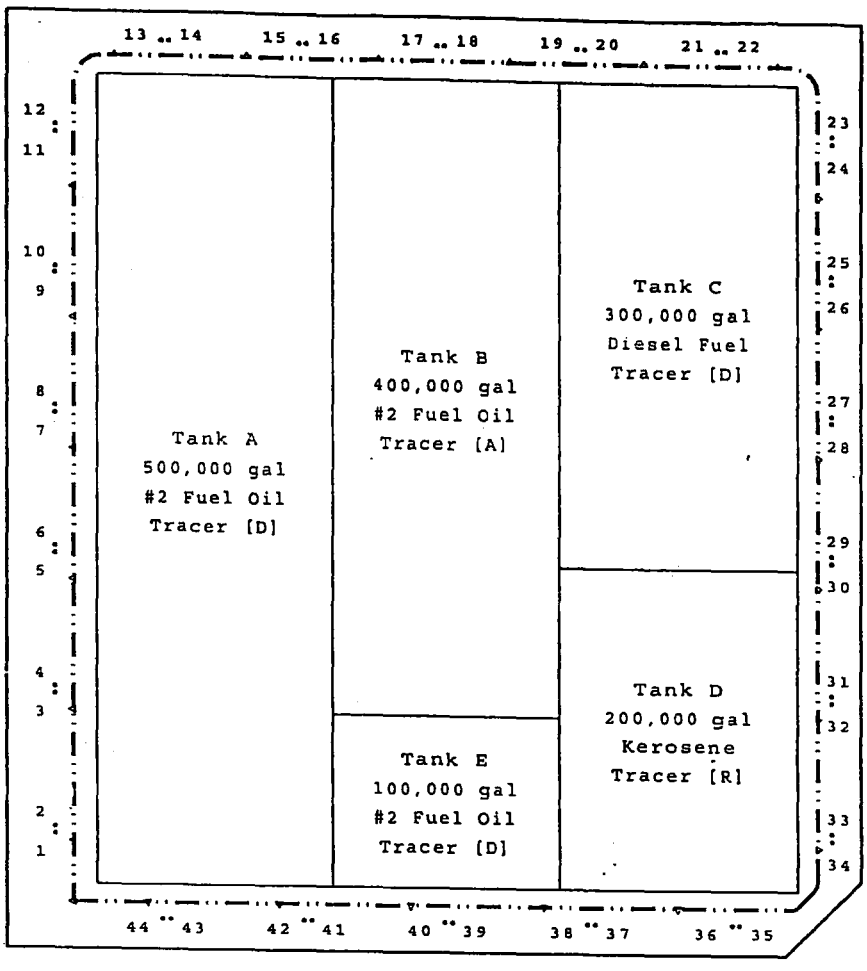
Probe #	Depth meters	Tank B Tracer A ug/L	Simulation Tracer C ug/L	Tanks A,C&E Tracer D ug/L	Tank D Tracer R ug/L	Hydrocarbons TVHC ug/L
1	4	0.0000	0.0000	0.0000	0.0000	0.0000
2	2	0.0000	0.0000	0.0000	0.0000	0.0000
3	4	0.0000	0.0000	0.0000	0.0000	0.0000
4	2	0.0000	0.0000	0.0000	0.0000	0.0000
5	4	0.0000	0.0000	0.0000	0.0000	0.0000
6	2	0.0000	0.0446	0.0000	0.0000	0.0000
7	4	0.0000	0.0000	0.0000	0.0000	0.0000
8	2	0.0000	0.0000	0.0000	0.0000	0.0000
9	4	0.0000	0.0000	0.0000	0.0000	0.0000
10	2	0.0000	0.0000	0.0000	0.0000	0.0000
11	4	0.0000	0.0000	0.0000	0.0000	0.0000
12	2	0.0000	0.0000	0.0000	0.0000	0.0000
13	4	0.0000	0.0000	0.0000	0.0000	0.0000
14	2	0.0000	0.0000	0.0000	0.0000	0.0000
15	4	0.0000	0.0000	0.0000	0.0000	0.0000
16	2	0.0000	0.0000	0.0000	0.0000	0.0000
17	4	0.0000	0.0000	0.0000	0.0000	0.0000
18	2	0.0000	0.0000	0.0000	0.0000	0.0000
19	4	0.0000	0.0000	0.0000	0.0000	0.0000
20	2	0.0000	0.0000	0.0000	0.0000	0.0000
21	4	0.0000	0.0000	0.0000	0.0000	0.0000
22	2	0.0000	0.0000	0.0000	0.0000	0.0000
23	4	0.0000	0.0000	0.0000	0.0000	0.0000
24	2	0.0000	0.0000	0.0000	0.0000	0.0000
25	4	0.0000	0.0000	0.0000	0.0000	0.0000
26	2	0.0000	0.0000	0.0000	0.0000	0.0000
27	4	0.0000	0.0000	0.0000	0.0000	0.0000
28	2	0.0000	0.0000	0.0000	0.0000	0.0000
29	4	0.0000	0.0000	0.0000	0.0000	0.0000
30	2	0.0000	0.0000	0.0000	0.0000	0.0000
31	4	0.0000	0.0000	0.0000	0.0000	0.0000
32	2	0.0000	0.0000	0.0000	0.0000	3.9340
33	4	0.0000	0.0000	0.0000	0.0000	0.0000
34	2	0.0000	0.0000	0.0000	0.0000	0.0000
35	4	0.0000	0.0000	0.0000	0.0000	0.0000
36	2	0.0000	0.0000	0.0000	0.0974	0.0000
37	4	0.0000	0.0000	0.0000	0.1796	0.7730
38	2	0.0000	0.0000	0.0000	0.1818	0.0000
39	4	0.0000	0.0000	0.0000	0.0000	0.0000
40	2	0.0000	0.0000	0.0000	0.0000	0.0000
41	4	0.0000	0.0000	0.0000	0.0000	0.0000
42	2	0.0000	0.0000	0.0000	0.0000	0.0000
43	4	0.0000	0.0000	0.0000	0.0000	0.0000
44	2	0.0000	0.0000	0.0000	0.0000	0.0000

*** TVHC = Total Volatile Hydrocarbons

Tracer Research Corporation

Tracer Research
Corporation

Union Street



Sackett Street

Probe Number & Depth	
1-4m	2-2m
3-4m	4-2m
5-4m	6-2m
7-4m	8-2m
9-4m	10-2m
11-4m	12-2m
13-4m	14-2m
15-4m	16-2m
17-4m	18-2m
19-4m	20-2m
21-4m	22-2m
23-4m	24-2m
25-4m	26-2m
27-4m	28-2m
29-4m	30-2m
31-4m	32-2m
33-4m	34-2m
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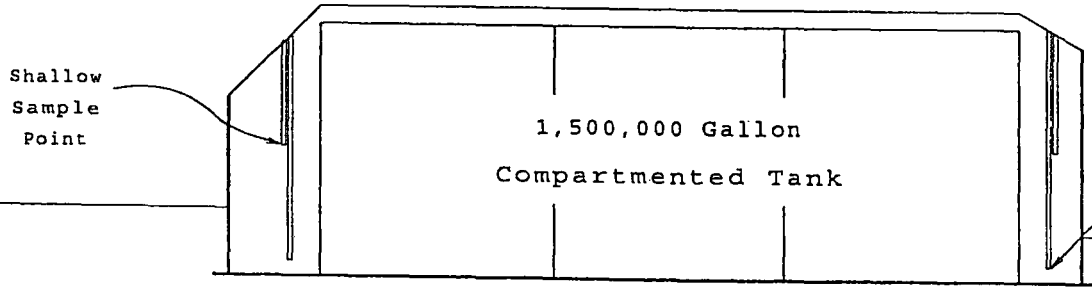
37-4m	38-2m
39-4m	40-2m
41-4m	42-2m
43-4m	44-2m



Cross - Section

EXPLANATION

0 4 8
meters

•1 Sampling Probe Location

Cathodic Protection System

36299G-0000

BAYSIDE FUEL OIL DEPOT CORPORATION

SACKETT ST. FACILITY

BROOKLYN, NEW YORK

SAMPLING LOCATIONS

Figure 1

Tracer Research Corporation appreciates the opportunity to do business with your organization. We constantly strive to improve our service and are very interested in any comments or suggestions you may have about how we can be more responsive to the needs of your company. Should you have any questions or wish to share your comments about the field work performed, analytical results obtained, or this report, please contact Ben Duncan at (732) 220 8757 or bduncan@tracerresearch.com.

APPENDIX C

TANK CLOSURE REPORT, 1999

TANK CLOSURE REPORT
BAYSIDE FUEL CORPORATION
BOND STREET TERMINAL
Brooklyn, New York

Prepared for: Kerri-Ann O'Dowd
NYSDEC Region 2

Prepared by: Andrew Tuomey
A Cleaner Environment

February 17, 1999

Kerri-Ann O'Dowd
Environmental Engineer I
Environmental Remediation Division Region 2
New York State Department of Environmental Conservation
Division of Environmental Remediation
Bureau of Spills Management
47-40 21st Street
Long Island City, NY 11101

Re: **Tank Closure Report**
Bayside Fuel Corp.
267-285 Bond Street
Brooklyn, New York

Dear Ms. O'Dowd:

The following is the Tank Closure Report you requested for the above referenced spill location. During the week of November 30, 1998, fourteen five-hundred and fifty gallon (14x550) Underground Storage Tanks (USTs) were removed from this location. Ten of these tanks contained diesel fuel while the other four tanks contained kerosene.

* *Discussion of the tanks closed*

As mentioned above, fourteen five hundred and fifty gallon UST's (14x550) were removed during excavation activities. The tanks were constructed of steel and were a standard 42" in diameter. All tanks removed were free from corrosion and holes and appeared to be "tight". All Petroleum Bulk Storage (PBS) records for the site are updated and accurate (please see PBS records).

The entire tank farm along with the associated piping, fills, pumps, and vents were cut, cleaned and removed during excavation and removal activities.

* *Site Maps*

A site map has been drafted as Figure 1 (Site Map) depicting the former tank locations with their associated piping, pump islands, and vent lines. Field sampling locations and PID readings are included on Figure 2 (Sample Location Map). Proposed monitoring well and soil boring locations are depicted as Figure 3 (Boring Location Map).

* ***End Point Sampling***

Ten end point samples were obtained from four side walls, both pump islands, the remote fill, and the bottom of the excavation. A hand held Photo-Ionization Detector (PID) was calibrated and used to determine the extent and direction of excavation activities.

Numerous soil samples were obtained from various depths in the excavations and field-scanned via head space analysis with the PID. For each sample location, a minimum of three samples were obtained and field-scanned. The sample exhibiting the highest PID reading was used for the end point sample.

Three water samples were taken from the bottom of the excavation. Bottom samples were obtained from the North, South, and Middle of the excavation to determine the quality of the groundwater beneath the excavated tanks. End point samples were also obtained from under the removed Pump Islands (Pump Island #1 and #2). One composite sample was taken from each removed Pump Island location. An endpoint sample was also obtained from the Remote Fill location (see site map).

Samples were placed in Teflon lined jars and transported under chain of custody in a cooler to maintain temperature. A total of ten (7 soil, 3 water) end point samples were submitted to a NYS certified laboratory for analysis of "STARS" parameters of both Volatiles (EPA Method 8021) and Semi-Volatiles (EPA method 8270). Please see chain of custody and laboratory analytical results.

* ***Laboratory Analysis Summary***

Laboratory analytical results have been tabulated for both semi-volatiles (8270) as Table 1 and volatiles (8021) as Table 2. All analytical results are in micrograms per kilogram or parts per billion (ppb). Analytical data was then compared to STARS Guidance Values for fuel oil contaminated soil (STARS Guidance Values).

Soil Samples - Analytical data indicates the soils from the North and West side walls, the two Pump Island locations, and the Remote Fill location are slightly above STARS Guidance Values. Laboratory analytical results from the South and East Walls were below STARS Guidance Values.

In an effort to remove all encountered contamination, *additional soil was removed after end-point samples were collected* from the areas which exhibited elevated PID readings. Additional end point samples will be obtained to determine if all impacted soils were removed. Please see Boring Location Map (Figure 3).

Water Samples - Volatile laboratory analytical data (8021) from the bottom samples indicate the presence of dissolved gasoline constituents in the groundwater. Analytical data from the semi-volatile (8270) constituents were below STARS Guidance Values. End point samples obtained from the soil above the watertable did not indicate the presence of gasoline.

* *Geology*

The native geology on site consists mainly of fine sand and silt. The first three feet of sediments consist mainly of fill material. The tank mat was located beneath asphalt and blue stone. Bedrock has not been encountered on site.

Soil staining and petroleum impacted soils were encountered during excavation activities. Olfactory observations and PID readings indicated the presence of petroleum impacted soils. Impacted soils encountered were excavated and removed. Additional impacted soils were also removed after end point samples were obtained.

* *Groundwater Conditions*

Groundwater was encountered in the excavation at approximately eight feet below grade. Light Non Aqueous Phase Liquid (LNAPL) was not encountered in the excavation at any time during excavation activities. Excavation activities were performed during the seasonal low water mark, therefore, a large portion of the smear zone is believed to be removed as well as the entire source area. Laboratory analytical data revealed the presence of dissolved gasoline constituents present in the groundwater.

* *Soil Disposal*

One hundred and twenty (120) yards of impacted soil were excavated, removed and transported to a certified Transportation Storage and Disposal Facility (TSDF) under Non-Hazardous Document of Cargo #'s 10784, 10310, 9261, 10093, 7116, and 8960 (see disposal documents).

* *Conclusions*

The majority of impacted soils have been removed from the former tank bed. All tanks and lines removed were free from extensive corrosion and appeared to be tight. Impacted soils in the tank farm encountered are believed to have resulted from a small crack in a suction line. Impacted soils encountered under the Pump Islands and at the Remote Fill location are believed to have been from overfills.

End point sample laboratory analysis indicates the North Wall, West Wall, Pump Island #1, Pump Island #2, and the Remote Fill location have constituents slightly above STARS action levels. The Pump Island and Remote Fill end point samples were taken at 0'-2' below grade. After end point samples were obtained additional soils were excavated from these areas to approximately 5'-6' below grade. Therefore additional samples must be secured to determine if all impacted soils have been removed.

Analytical data from the soils above the water table (in the tank bed) do NOT indicate the presence of gasoline contaminated soils. All UST's removed contained either Diesel Fuel or Kerosene. Analytical data from the water samples indicate the presence of dissolved gasoline constituents. Additional samples must be obtained to determine the source of the gasoline found on the property.

* ***Recommendations***

- Install three monitoring wells (PMW's) as shown in Figure 3 to monitor water quality.
- Monitoring wells will be sampled for STARS constituents.
- Gauge fluid levels in on site wells on a monthly.
- Casing elevations will be surveyed to establish groundwater flow direction.
- Perform soil borings and obtain additional end point samples from the North and West ends of the former excavation, below the former Pump Islands, and from the former Remote Fill location (see Figure 3). Samples will be analyzed for STARS parameters.
- To determine the source of gasoline impacted groundwater, soil and water samples will be obtained from areas on and off the subject property (see Figure 3).
- After laboratory analytical data has been reviewed a Remedial Action Plan will be drafted to summarize work performed and outline a plan to bring the open spill number toward closure.

Monitoring wells will be installed with either a Hollow Stem Auger drill rig or through direct push technology. Soil samples will be obtained from various depths at each location to determine the extent of impacted soils on site. A hand held PID will be used to measure for the presence of Volatile and Semi-Volatile Organic Compounds in soil samples. The sample with the highest PID reading will be sent to the laboratory to be analyzed. If all soil samples are free from olfactory and elevated PID measurements, the soil sample that intersects the water table will be sent to the laboratory to be analyzed.

Soil and water samples obtained while determining the source of the dissolved gasoline plume will be sampled for gasoline constituents only (EPA Method 602). Please see Figure 3 for the proposed location of all monitoring wells and soil borings.

Following field activities and a review of Laboratory Analytical data, a Remedial Action Plan will be drafted which will include the following:

- A scaled groundwater flow map.
- Boring and monitoring well locations.
- Monitoring data from the three on site wells.
- Laboratory analytical data.
- Boring logs summarizing the geology encountered and PID readings.
- A dissolved plume map indicating possible sources of the gasoline on site.
- Conclusions and Recommendations.

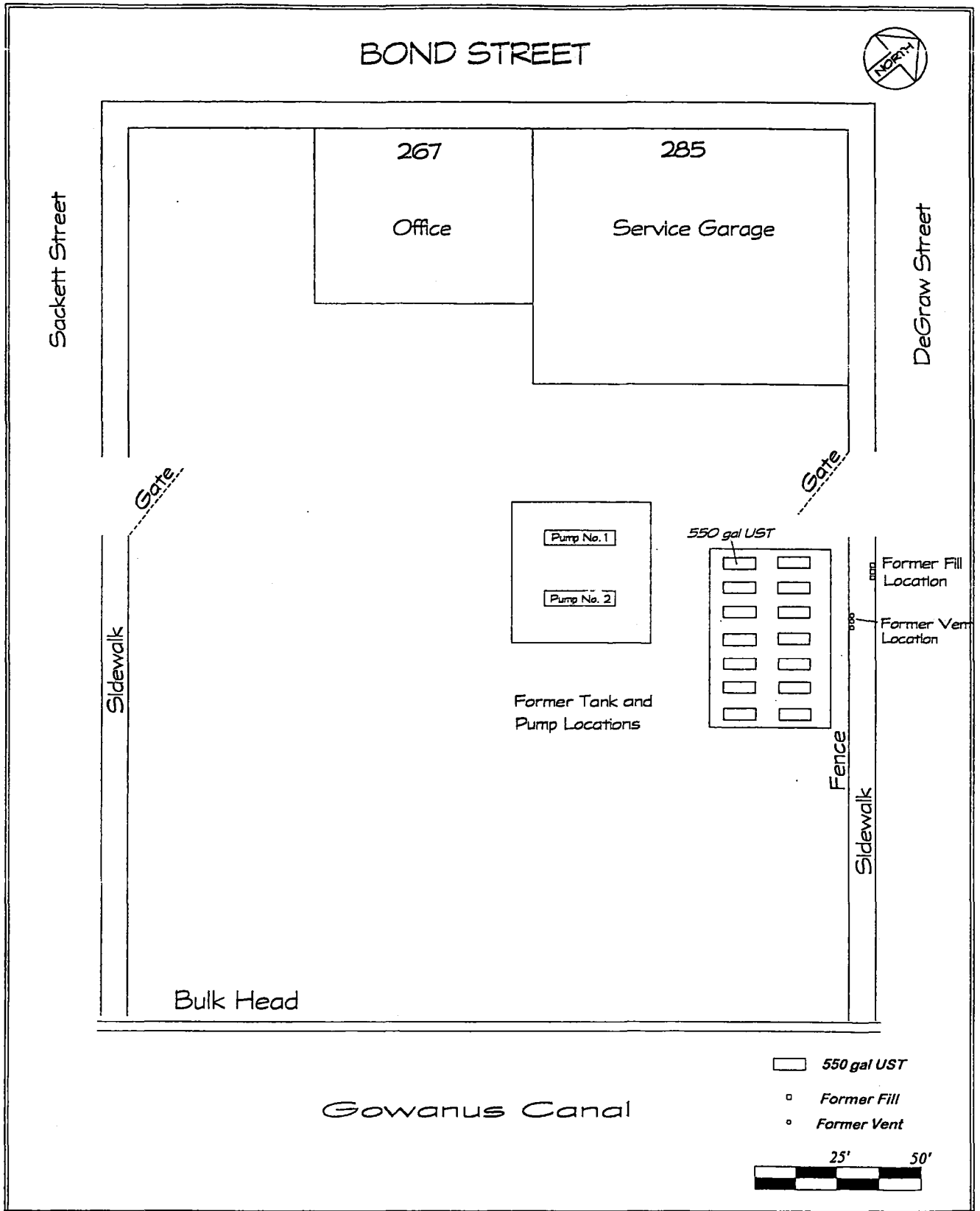
If you have any questions or comments regarding the information contained within this report please feel free to contact me directly.

Yours truly,
A Cleaner Environment

Andrew Tuomey
Hydrogeologist

cc **Anthony J. Natale**, Bayside Fuel Corp.

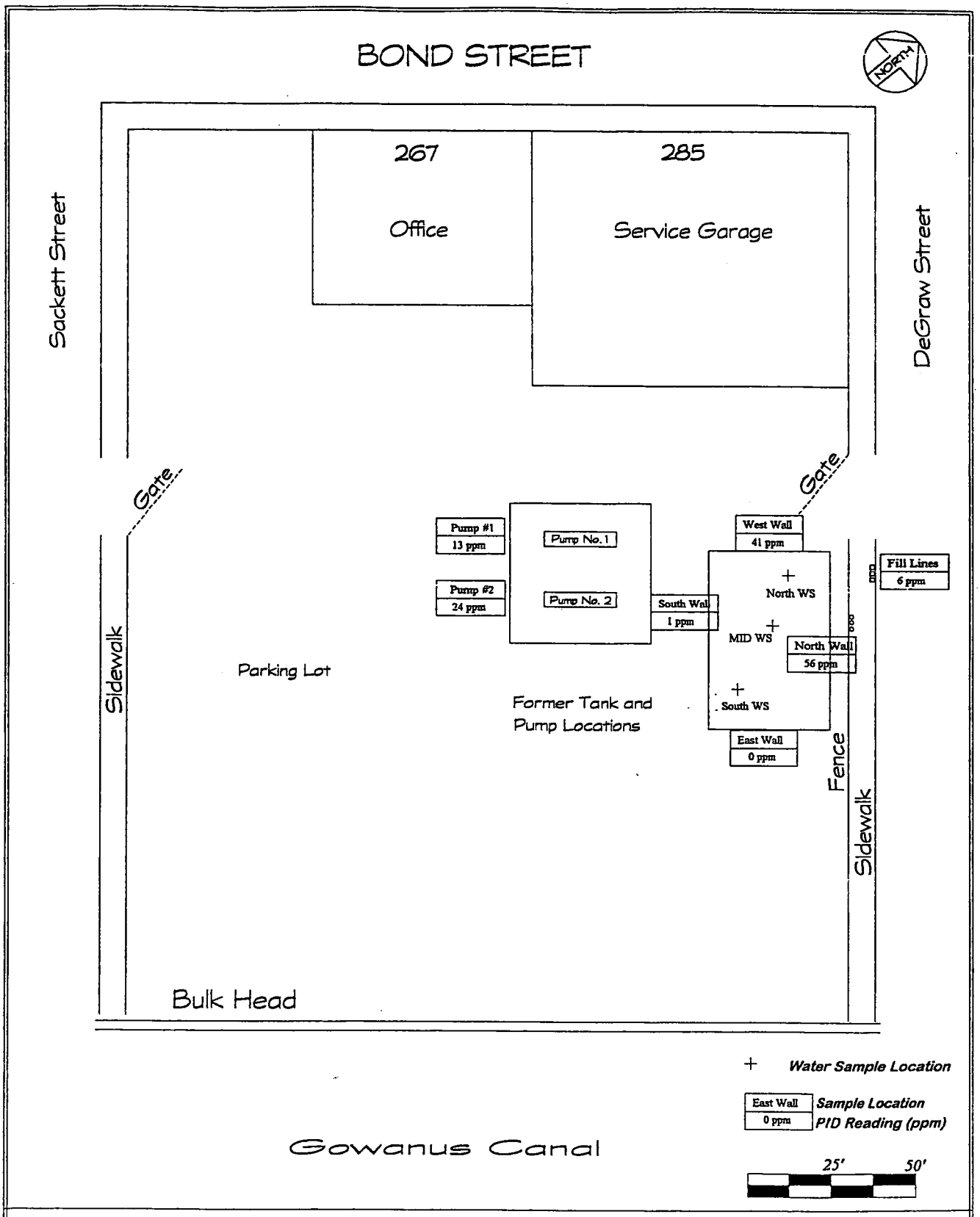
FIGURES AND TABLES



Bayside Fuel Corp.
Bond Street Terminal
Brooklyn, New York

FIGURE 1
SITE MAP
Spill # 98-10785

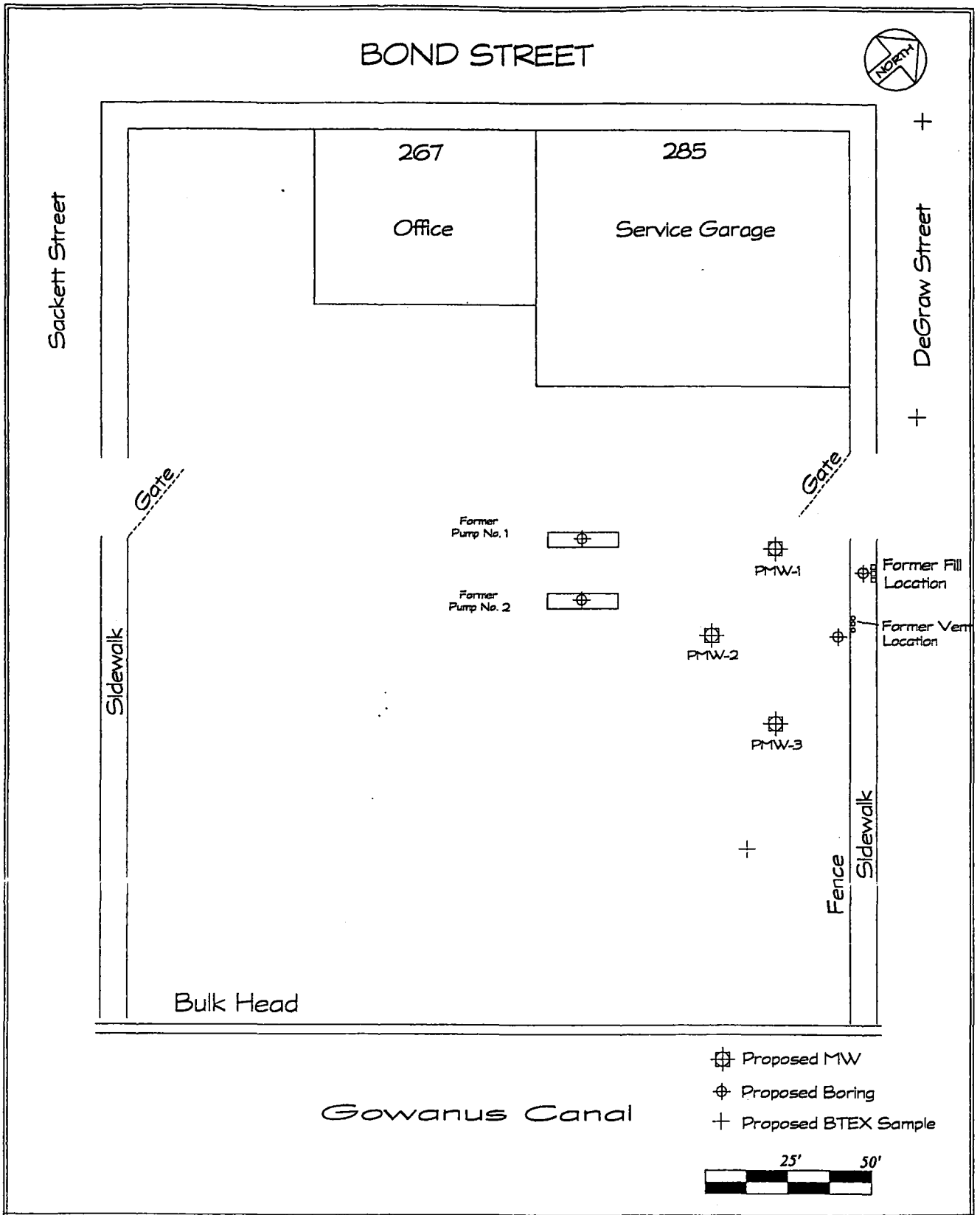
Prepared by:
Andrew Tuomey
A Cleaner Environment
116 Second Street
S. Jamesport NY 11970-0277



Bayside Fuel Corp.
Bond Street Terminal
Brooklyn, New York

FIGURE 2
Sample Locations
Spill # 98-10785

Prepared by:
Andrew Tuomey
A Cleaner Environment
116 Second Street
S. Jamesport NY 11970-0277



Bayside Fuel Corp.
Bond Street Terminal
Brooklyn, New York

FIGURE 3
Boring Locations
Spill # 98-10785

Prepared by:
Andrew Tuomey
A Cleaner Environment
116 Second Street
S. Jamesport NY 11970-0277

BAYSIDE FUEL CORP. - BOND STREET TERMINAL

END-POINT SAMPLE ANALYTICAL RESULTS

EPA Method 8270 (Stars)
Analytical Parameters

SAMPLE LOCATION	North Pump Island No. 1	South Pump Island No. 2	Fill Lines	Excavation Bottom North	Excavation Bottom Middle	Excavation Bottom South	Excavation North Wall	Excavation South Wall	Excavation East Wall	Excavation West Wall
SAMPLE DEPTH (feet below grade)	0-1'	0-1'	1'-2'	9'	9'	9'	6'-7'	7'	6'-7'	6'-7'
SAMPLE MATRIX	SOIL	SOIL	SOIL	WATER	WATER	WATER	SOIL	SOIL	SOIL	SOIL
Acenaphthene 50 ppm	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV
Antharacene 50	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	*1380*
✓ Benzo (a) anthracene 0.224	*1230*	*2180*	BSGV	BSGV	BSGV	BSGV	*2500*	BSGV	BSGV	*2950*
Benzo (a)pyrene 0.061	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV
Benzo (b) fluoranthene 1.1	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV
Benzo (g,h,i) perylene 50	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV
Benzo (k) fluoranthene 1.1	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV
Chrysene 0.4	*785*	*1290*	BSGV	BSGV	BSGV	BSGV	*1370*	BSGV	BSGV	*2050*
Dibenzo(a,h)anthracene 0.014	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV
Fluoranthene 50	*3050*	*5190*	BSGV	BSGV	BSGV	BSGV	*5060*	BSGV	BSGV	*6300*
Fluorene 50	BSGV	BSGV	BSGV	BSGV	BSGV	DSGV	BSGV	DSGV	BSGV	BSGV
Indeno(1,2,3-cd)pyrene 3.2	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV
Napthalene 13	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	*210*
Phenanthrene 50	*925*	*1300*	BSGV	BSGV	BSGV	BSGV	*2180*	BSGV	BSGV	*3500*
Pyrene 50	*2130*	*3160*	BSGV	BSGV	BSGV	BSGV	*1990*	BSGV	BSGV	*5900*

Samples obtained December 1998 **Units : ug/Kg** ***BSGV=Below STARS Guidance Values***

TABLE 1

BAYSIDE FUEL CORP. - BOND STREET TERMINAL

EPA Method 8021 (Stars)

END-POINT SAMPLE ANALYTICAL RESULTS

Analytical Parameters

SAMPLE LOCATION	North Pump Island No. 1	South Pump Island No. 2	Fill Lines	Excavation Bottom North	Excavation Bottom Middle	Excavation Bottom South	Excavation North Wall	Excavation South Wall	Excavation East Wall	Excavation West Wall	
SAMPLE DEPTH (feet below grade)	0-1'	0-1'	1'-2'	9'	9'	9'	6'-7'	7'	6'-7'	6'-7'	
SAMPLE MATRIX	SOIL	SOIL	SOIL	WATER	WATER	WATER	SOIL	SOIL	SOIL	SOIL	GW
Benzene 0.06	BSGV	BSGV	BSGV	***560***	***940***	***1000***	BSGV	BSGV	BSGV	BSGV	0.7
n-Butylbenzene	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	
sec-Butylbenzene	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	
tert-Butylbenzene	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	
Ethylbenzene	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	
Isoporpylbenzene	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	
p-Isopropyltoluene	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	
MTBE	***80***	***50***	***80***	BSGV	BSGV	BSGV	BSGV	BSGV	***90***	***72***	
Napthalene	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	
n-Propylbenzene	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	
Toluene 1.5	BSGV	BSGV	BSGV	BSGV	***880*** 0.015	***950***	BSGV	BSGV	BSGV	BSGV	5
1,2,4-Trimethylbenzene	BSGV	BSGV	BSGV	BSGV	***137***	***141***	BSGV	BSGV	***215***	BSGV	
1,3,5-Trimethylbenzene	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	
o-Xylene	BSGV	BSGV	BSGV	BSGV	***200***	***200***	BSGV	BSGV	BSGV	BSGV	5
m,p-Xylene 1.2	BSGV	BSGV	***160***	BSGV	***405***	***415***	BSGV	BSGV	BSGV	BSGV	5
Mix Xylene 1.2	BSGV	BSGV	***219***	BSGV	***605***	***615***	BSGV	BSGV	BSGV	BSGV	5

Samples obtained December 1998 **Units : ug/Kg** ***BSGV=Below STARS Guidance Values***

PBS Records

93-19-1 (1/9

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION

PETROLEUM BULK STORAGE APPLICATION

Pursuant to the Petroleum Bulk Storage Law,
Article 17, Title 10 of ECL; 6 NYCRR 612-614 and 6 NYCRR, Subpart 360-14
(Continued on the Reverse Side—Please Be Sure to Complete Section B)

Please Type or Print Clearly and Complete All Items

SECTION A—See Instructions on Cover Sheet

PBS NUMBER: 2-017574

Indicate other existing DEC Numbers, if any, for this facility:

CBS Number: N/A

SPDES Number: N/A

TRANSACTION TYPE (Check all that apply)
NOTE: Transaction Types 1, 2 and 5 may require a fee.

- Initial/ 1 ☐ New Facility
- Change of 2 ☐ Ownership
- 3 ☒ Substantial Tank Modification
- 4 ☒ Information Correction
- 5 ☐ Renewal

Geographical Locator for this Facility: (If known)

LATITUDE: ° ' "
DEG MIN SEC

LONGITUDE: ° ' "
DEG MIN SEC

FACILITY

FACILITY NAME: BAYSIDE FUEL OIL CORP.
LOCATION (Not P.O. Boxes): 267 BOND ST
LOCATION (Continued):
CITY/TOWN/VILLAGE: BROOKLYN
STATE: NY
ZIP CODE: 11231
COUNTY: KINGS
TOWNSHIP OR CITY:
NAME OF OPERATOR AT FACILITY:
FACILITY TELEPHONE NUMBER: (718) 946-7889
EMERGENCY CONTACT NAME: VINCENT ALLEGRETTI
EMERGENCY TELEPHONE NO: (917) 641-2052

OWNER

OWNER NAME: BAYSIDE FUEL OIL CORP
ADDRESS (Street and/or PO Box): 1810 SHORE PARKWAY
CITY: BROOKLYN
STATE: NY
ZIP CODE: 11214
FEDERAL TAX ID NUMBER: 11-1177549
OWNER TELEPHONE NUMBER: (718) 946-4000
TYPE OF OWNER (Check only one)
1 ☐ Private Resident 2 ☐ State Government 3 ☐ Local Government
4 ☐ Federal Government 5 ☒ Corporate/Commercial

CORRESPONDENCE

ATTENTION: ANTHONY NATALE/OPER MGR.
NAME OF COMPANY: BAYSIDE FUEL OIL DEPOT CORP.
ADDRESS: 1776 SHORE PARKWAY
ADDRESS:
CITY/STATE/ZIP CODE: BROOKLYN NY 11214
TELEPHONE NUMBER: (718) 372-9800

TYPE OF PETROLEUM FACILITY:
(Check all that apply)

- A. ☐ Storage Terminal/Petroleum Distributor
- B. ☐ Retail Gasoline Sales
- C. ☐ Other Retail Sales
- D. ☐ Manufacturing
- E. ☐ Utility
- F. ☒ Trucking/Transportation
- G. ☐ Apartment Building
- H. ☐ School
- I. ☐ Farm
- J. ☐ Private Residence
- K. ☐ Airline (Air Taxi)
- L. ☐ Other (Specify Below)

I hereby certify under penalty of perjury that the information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

NAME OF OWNER OR AUTHORIZED REPRESENTATIVE: ALFRED ALLEGRETTI
AMOUNT ENCLOSED: $
TITLE: VICE-PRESIDENT
SIGNATURE: Alfred Allegretti
DATE: 12-8-98

OFFICIAL USE ONLY

Page ____ of ____
Date Received: DEC 9 1998
Date Processed: __/__/__
Amount Received $ ____
Reviewed By: ____

2-017574

Tank Information f[illegible]eum Bulk Storage Facility
SECTION B—See Instructions on Cover Sheet

Year	Tank Number	Tank Location	Status	Installation or Permanent Closure Date (MO) (YR)	Capacity (Gallons)	Product Stored	Tank Type	Tank Internal Protection	Tank External Protection	Piping Location	Piping Type	Piping Internal Protection	Piping External Protection	Secondary Containment	Leak Detection	Spill/ Overfill Prevention	Dispenser	Last Test Date (Underground Tanks) (MO) (YR)
3	001	4	3	12 98	550	6	1	0	0 0	2	1	0	0 0	0 1	0	0	2	1 09 7
3	002	4	3	12 98	550	6	1	0	0 0	2	1	0	0 0	0 1	0	0	2	1 09 7
3	003	4	3	12 98	550	6	1	0	0 0	2	1	0	0 0	0 1	0	0	2	1 09 7
3	004	4	3	12 98	550	6	1	0	0 0	2	1	0	0 0	0 1	0	0	2	1 09 7
3	005	4	3	12 98	550	6	1	0	0 0	2	1	0	0 0	0 1	0	0	2	09 7
3	006	4	3	12 98	550	6	1	0	0 0	2	1	0	0 0	0 1	0	0	2	1 09 7
3	007	4	3	12 98	550	6	1	0	0 0	2	1	0	0 0	0 1	0	0	2	1 09 7
3	008	4	3	12 98	550	6	1	0	0 0	2	1	0	0 0	0 1	0	0	2	1 09 7
3	009	4	3	12 98	550	6	1	0	0 0	2	1	0	0 0	0 1	0	0	2	1 09 7
3	010	4	3	12 98	550	6	1	0	0 0	2	1	0	0 0	0 1	0	0	2	1 09 7
3	011	4	3	12 98	550	5	1	0	0 0	2	1	0	0 0	0 1	0	0	2	1 09 7
3	012	4	3	12 98	550	5	1	0	0 0	2	1	0	0 0	0 1	0	0	2	1 09 7
3	013	4	3	12 98	550	5	1	0	0 0	2	1	0	0 0	0 1	0	0	2	1 09 7
2	017	4	2	12 60	550	5	1	0	0 0	2	1	0	0 0	0 1	0	0	2	1 09 7
3	017	4	3	12 98	550		1	0	0 0	2	1	0	0 0	0 1	0	0	2	

KEY FOR SECTION B

ACTION
1. Initial Listing
2. Add Tank
3. Close/Remove Tank
4. Information Correction
5. Recondition/Repair/ Reline Tank

TANK LOCATION
1. Aboveground
2. Aboveground on saddles, legs, stilts, rack, or cradle
3. Aboveground; 10% or more below ground
4. Underground
5. Underground, vaulted, with access

STATUS
1. In-service
2. Temporarily out-of-service
3. Closed—Removed
4. Closed—In Place
5. Tank Converted to Non-Regulated Use

PRODUCT STORED
0. Empty
1. Leaded Gasoline
2. Unleaded Gasoline
3. Nos. 1, 2, or 4 Fuel Oil
4. Nos. 5 or 6 Fuel Oil
5. Kerosene
6. Diesel
A. Lube Oil
B. ~~Lube Oil~~ Used Oil(fuel)
C. Used Oil
9. Other*

TANK TYPE
1. Steel/Carbon Steel
2. Stainless Steel Alloy
3. Concrete
4. Fiberglass Coated Steel
5. Fiberglass Reinforced Plastic (FRP)
6. Equivalent Technology
9. Other*

PIPING TYPE
0. None
1. Steel/Iron
2. Galvanized Steel
3. Fiberglass (FRP)
4. Copper
9. Other*

INTERNAL PROTECTION: Tank/Piping
0. None
1. Epoxy Liner
2. Rubber Liner
3. Fiberglass Liner (FRP)
4. Glass Liner
9. Other*

EXTERNAL PROTECTION: Tank/Piping
0. None
1. Painted/Asphalt Coating
2. Sacrifical Anode
3. Impressed Current
4. Fiberglass
5. Jacketed
6. Wrapped (Piping)
9. Other*

* If other, please list on separate sheet including Tank Number

PIPING LOCATION
0. None
1. Aboveground
2. Underground
3. Aboveground/ Underground Combination

SECONDARY CONTAINMENT
0. None
1. Vault
2. Double-Walled Tank
3. Excavation Liner
4. Cut-off Walls
5. Impervious Underlayment
6. Earthen Dike
7. Prefabricated Steel Dike
8. Concrete Dike
A. Synthetic Liner
B. Natural Liner
9. Other*

LEAK DETECTION
0. None
1. Interstitial Monitoring
2. Vapor Well
3. Groundwater Well
4. In-Tank System
5. Concrete Pad w/channels
6. Double Bottom
9. Other*

SPILL/OVERFILL PREVENTION
0. None
1. Float Vent Valve
2. High Level Alarm
3. Automatic Shut-off
4. Product Level Gauge
5. Catch Basin
6. Vent Whistle
9. Other*

DISPENSER
1. Submersible
2. Suction
3. Gravity

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Petroleum Bulk Storage Program
Facility Information Report

Printed : 11/27/98

PBS # : 2-017574

Site : BAYSIDE FUEL OIL CORP
267 BOND STREET
267 BOND STREET
BROOKLYN, NY 11231
County : KINGS Town : NEW YORK CITY
Latitude : N Longitude : W
SPDES# : CBS# :
Site Type : Info Not Given.

Operator : BAYSIDE FUEL OIL CORP (718) 625-5932
Emergency : FREDERICK J. CAPURRO (718) 946-4000

Site status : Active
Total Active Tanks : 16
Active Capacity : 7,975 gals.

Reg Expires : 10/23/02
Last Inspection : / /
Cert Printed : 11/12/97

Site Errors : Minor Data Missing
Owner Error : Complete
Tank Errors : Minor Data Missing

Owner : BAYSIDE FUEL OIL CORP
1810 SHORE PARKWAY
BROOKLYN, NY 11214

Phone : (718) 946-4000
Owner Type : Corporate/Commercial

Mail : BAYSIDE FUEL OIL CORP
1810 SHORE PARKWAY
BROOKLYN, NY 11214

Att : FREDERICK J. CAPURRO (718) 946-4000

TankNo	TankLoc	Stat	DateIn	Capac (g)	Product	TankType	TankInt	TankExt	PipeLoc	PipeType	PipeInt	PipeExt	SecCont	Leak	OverFil	Disp	LastTest	NextTest	TStat
001	4	1	12/60	550	6	1			3	1	0	00	00	00	00	2	10/97		2
002	4	1	12/60	550	6	1	0		3	1	0	00	00	00	00	0	10/97		2
003	4	1	12/60	550	6	1	0	00	3	1	0	00	00	00	00	2	10/97		1
004	4	1	12/60	550	6	1		00	3	1	0	00	00	00	00	2	10/97		2
005	4	1	12/60	550	6	1	0	00	3	1	0	00	00	00	00	2	10/97		1
006	4	1	12/60	550	6	1	0	00	3	1	0	00	00	00	00	2	10/97		1
007	4	1	12/60	550	6	1	0	00	3	1	0	00	00	00	00	2	10/97		1
008	4	1	12/60	550	6	1	0	00	3	1	0	00	00	00	00	2	10/97		1
009	4	1	12/60	550	6	1	0	00	3	1	0	00	00	00	00	2	10/97		1
010	4	1	12/60	550	6	1	0	00	3	1	0	00	00	00	00	2	10/97		1
011	4	1	12/60	550	6	1	0	00	3	1	0	00	00	00	00	2	10/97		1
012	4	1	12/60	550	6	1	0	00	3	1	0	00	00	00	00	2	10/97		1
013	4	1	12/60	550	6	1	0	00	3	1	0	00	00	00	00	2	10/97		1
014	1	1	08/85	275	A	1	0	00	2	1	0	00	00	00	04	3	00/00		1
015	1	1	08/85	275	A	1	0	00	2	1	0	00	00	00	00	2	00/00		1
016	1	1	08/85	275	C	1	0	00	2	1	0	00	00	00	4	2	00/00		1

APPENDIX D

DATA REPORT BY ENVIRONMENTAL DATA RESOURCES, INC.

The EDR Radius Map
with GeoCheck®

Gowanus Canal
510 Sackett Street
Brooklyn, NY 11217

Inquiry Number: 871320.3s

December 13, 2002

Environmental Data Resources, Inc.

The Source For Environmental Risk Management Data

3530 Post Road
Southport, Connecticut 06890

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

FORM-MAS

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Overview Map	2
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Map Findings	6
Orphan Summary	141
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GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map	A-6
Physical Setting Source Map Findings	A-7
Physical Setting Source Records Searched	A-8

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

510 SACKETT STREET
BROOKLYN, NY 11217

COORDINATES

Latitude (North):	40.680200 - 40° 40' 48.7"
Longitude (West):	73.988200 - 73° 59' 17.5"
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	585506.9
UTM Y (Meters):	4503538.0

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property:	2440073-F8 BROOKLYN, 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
510 SACKETT ST 510 SACKETT ST BROOKLYN, NY	ERNS	N/A
BAYSIDE FUEL OIL DEPOT CORP 510 SACKETT ST BROOKLYN, NY 11231	RCRIS-SQG FINDS FTTS	NYD981872419
510 SACKET ST/BKLYN 510 SACKETT STREET NEW YORK CITY, NY	NY Spills	N/A
510 SACKETT 510 SACKETT BROOKLYN, NY	ERNS	N/A
BAYSIDE FUEL OIL DEPOT CORP. 510 SACKETT ST. BROOKLYN, NY 11231	MOSF UST	N/A
510 SACKETT ST/BKLYN 510 SACKET STREET NEW YORK CITY, NY	NY Spills	N/A
510 SACKETT ST 510 SACKETT ST BROOKLYN, NY	NY Spills	N/A

EXECUTIVE SUMMARY

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
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
RCRIS-TSD	Resource Conservation and Recovery Information System
RCRIS-LQG	Resource Conservation and Recovery Information System

STATE ASTM STANDARD

SHWS	Inactive Hazardous Waste Disposal Sites in New York State
CBS UST	Chemical Bulk Storage Database
VCP	Voluntary Cleanup Agreements
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
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
RAATS	RCRA Administrative Action Tracking System
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
SSTS	Section 7 Tracking Systems

STATE OR LOCAL ASTM SUPPLEMENTAL

HSWDS	Hazardous Substance Waste Disposal Site Inventory
MOSF AST	Major Oil Storage Facilities Database

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS 1 degree 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. EDR's definition of a site with an elevation equal to the target property includes a tolerance of +/- 10 feet. 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 (by more than 10 feet). 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 ASTM STANDARD

CERCLIS-NFRAP: 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.

A review of the CERC-NFRAP list, as provided by EDR, and dated 09/15/2002 has revealed that there is 1 CERC-NFRAP site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
VIDAN AUTO SALVAGE	*327-321 BOND STREET*	*0 - 1/8 WSW*	*I41*	*62*

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 05/02/2002 has revealed that there is 1 CORRACTS site 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 SW*	*68*	*103*

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-SQG list, as provided by EDR, and dated 09/09/2002 has revealed that there are 22 RCRIS-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
NYSDOT UNION ST BRIDGE	*UNION ST BRG - GOWANUS*	*0 - 1/8 SSE*	*10*	*16*
NYCDOT BIN 2240270	*UNION ST BRIDGE OVER*	*0 - 1/8 WSW*	*B12*	*17*
CHATHAM CLEANERS INC	*280 NEVINS ST*	*0 - 1/8 ESE*	*C13*	*18*
THOMAS PAULSON & SON INC	*450 UNION ST*	*0 - 1/8 WSW*	*B15*	*19*
NEW YORK TELEPHONE CO	*318 NEVINS ST*	*0 - 1/8 SSE*	*G28*	*43*
AUTO BODY CONCEPTS DBA ABC COL	*549 SACKETT ST*	*0 - 1/8 ESE*	*H35*	*54*
NYCDEP - GOWANUS PUMPING STATI	*201 DOUGLASS ST*	*0 - 1/8 NNE*	*E36*	*54*
O-Z GEDNEY	*262 BOND ST*	*0 - 1/8 N*	*38*	*59*
VIDAN AUTO SALVAGE	*327-321 BOND STREET*	*0 - 1/8 WSW*	*I41*	*62*
CROSSBAY BAY CONTRACTING	*242 NEVINS ST*	*0 - 1/8 ENE*	*42*	*63*
CRUSADER CANDLE CO INC	*325 NEVINS ST*	*0 - 1/8 S*	*J44*	*65*
TWO DANS ENTERPRISES	*385 CARROLL ST*	*1/8 - 1/4 SW*	*46*	*66*
PENSKE TRUCK LEASING CO LP	*347 BOND ST*	*1/8 - 1/4 SW*	*48*	*68*
PETROLEUM TAMA CLEANERS	*236 BUTLER ST*	*1/8 - 1/4 NE*	*K49*	*68*
REGENCY SERVICE CARTS INC	*337-361 CARROLL ST*	*1/8 - 1/4 WSW*	*53*	*77*
NYC BD OF ED - PUBLIC SCHOOL 3	*317 HOYT ST*	*1/8 - 1/4 W*	*55*	*80*
FORTWAY COLLISION INC	*471 BALTIC ST*	*1/8 - 1/4 NNE*	*56*	*80*

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
NEW AMSTERDAM THEATER	*40 1ST ST*	*1/8 - 1/4 SW*	*57*	*81*
LINDA TOOL & DIE CORP	*459 CARROLL ST*	*1/8 - 1/4 SSE*	*58*	*81*
RYDER TRUCK RENTAL INC	*280 DOUGLAS ST*	*1/8 - 1/4 E*	*L61*	*94*
NYCHA - GOWANUS HOUSES	*423 BALTIC AVE*	*1/8 - 1/4 N*	*63*	*97*
ELECTRIC SWITCHBOARD CO INC	*185 THIRD AVE*	*1/8 - 1/4 E*	*65*	*100*

ERNS: The Emergency Response Notification System records and stores information on reported releases of oil and hazardous substances. The source of this database is the U.S. EPA.

A review of the ERNS list, as provided by EDR, and dated 12/31/2001 has revealed that there is 1 ERNS site within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
318 NEVINS ST	318 NEVINS ST	0 - 1/8 SSE	G31	46

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 3 SWF/LF sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
BALTIC RECYCLING T.S.	524-26 BALTIC STRET	1/8 - 1/4 ENE	59	82
RED HOOK CRUSHERS, INC.	186 3RD STREET	1/4 - 1/2 SSW	M71	107
SPARTAN DISMANTLING CORP	*110 5TH ST*	*1/4 - 1/2 SSW*	*87*	*129*

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 01/01/2002 has revealed that there are 32 LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
325 NEVINS STREET	325 NEVINS STREET	0 - 1/8 S	J43	63
473 PRESIDENT	473 PRESIDENT ST	1/8 - 1/4 SSE	J45	65
267 DOUGLAS STREET	267 DOUGLAS STREET	1/8 - 1/4 E	47	67
RED HOOK TERMINAL	*HAMILTON AVE*	*1/8 - 1/4 S*	*54*	*77*
280 DOUGLAS ST	*280 DOUGLAS ST*	*1/8 - 1/4 E*	*L62*	*95*
WYCKOFF GARDENS	185 NEVINS ST	1/4 - 1/2 NE	66	101
540 PRESIDENT STREET	540 PRESIDENT STREET	1/4 - 1/2 SE	67	102
175 3RD STREET	175 3RD STREET	1/4 - 1/2 SSW	M69	104
THIRD AVE YARD	*222 1ST ST*	*1/4 - 1/2 SSE*	*70*	*105*
WYCKOFF GARDENS	272 WYCKOFF STREET	1/4 - 1/2 NE	N72	108
WYCKOFF GARDENS	272 WYCKOFF STREET	1/4 - 1/2 NE	N73	109
DEL'S AUTO REPAIR	70 2ND ST/NEW UTRECT AV	1/4 - 1/2 WSW	74	110

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
4TH & SACKETT STREET	4TH / SACKETT STREET	1/4 - 1/2 ESE	O75	111
ALL BORO'S	200 3RD ST	1/4 - 1/2 S	76	112
572 WARREN STREET HOUSES	572 WARREN ST	1/4 - 1/2 ENE	P77	113
WYCKOFF CONSOLIDATED	572 WARREN ST	1/4 - 1/2 ENE	P78	114
MERRITT GAS STATION	204-222 4TH AV	1/4 - 1/2 ESE	O79	115
MCIZ CORP	1-25 2ND AV	1/4 - 1/2 SSW	Q81	117
105 3RD AVE	105 3RD AVE	1/4 - 1/2 ENE	82	118
124 4TH AVENUE	124 4TH AVENUE	1/4 - 1/2 E	83	119
Not reported	66 4TH ST	1/4 - 1/2 SW	84	120
ULANO CORP	***280 BERGEN ST***	***1/4 - 1/2 NE***	***85***	***121***
NYC DEPT OF SANITATION - J SCH	***15 2ND AVE BK-N-2***	***1/4 - 1/2 SSW***	***Q86***	***128***
7 3RD STREET/PEP S/S	7 3RD STREET	1/4 - 1/2 WSW	88	130
81-03 THIRD AVE/BKLYN	81-03 THIRD AVE	1/4 - 1/2 NE	89	131
EMPTY LOT	90 4TH AVE	1/4 - 1/2 ENE	90	132
80 3RD AVE.	80 3RD AVE.	1/4 - 1/2 NE	92	134
106 6TH ST	106 6TH ST	1/4 - 1/2 SSW	93	135
IS 293	284 BALTIC ST	1/4 - 1/2 NW	95	137
341 BERGEN ST	341 BERGEN ST	1/4 - 1/2 ENE	96	138

Lower Elevation	Address	Dist / Dir	Map ID	Page
122 HOYT STREET	122 HOYT STREET	1/4 - 1/2 N	94	136
438-440 ATLANTIC AVENUE	438-440 ATLANTIC AVENUE	1/4 - 1/2 NNE	97	139

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 15 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
SACKETT STREET GARAGE	***498-502 SACKETT STREET***	***0 - 1/8 WNW***	***9***	***13***
T E CONKLIN BRASS&COPPER CO,IN	270 NEVINS STREET	0 - 1/8 E	C17	21
ADMIRAL METALS	***270 NEVINS STREET***	***0 - 1/8 E***	***C18***	***24***
BAYSIDE FUEL OIL CORP	***267 BOND STREET***	***0 - 1/8 NNW***	***D19***	***26***
ADAMS BOOK CO. INC.	537 SACKETT ST.	0 - 1/8 ESE	C21	34
NICKS UNION NEVINS SER. STA. C	301 NEVINS STREET	0 - 1/8 SSE	23	36
259 BOND STREET	259 BOND STREET	0 - 1/8 NNW	D26	41
BELL ATLANTIC	***318 NEVINS STREET***	***0 - 1/8 SSE***	***G32***	***46***
A & A BRAKE CO INC	560 SACKETT ST.	0 - 1/8 ESE	H34	53
NYCDEP - GOWANUS PUMPING STATI	***201 DOUGLASS ST***	***0 - 1/8 NNE***	***E36***	***54***
PETROLEUM TANK CLEANERS INC	***236 BUTLER ST***	***1/8 - 1/4 NE***	***K50***	***69***
GOWANUS	238 BOND STREET	1/8 - 1/4 N	51	74
D GAVER & SONS INC	267 DOUGLASS ST	1/8 - 1/4 E	52	76
RYDER TRUCK RENTAL, INC.	280 DOUGLAS STREET	1/8 - 1/4 E	L60	83
DICENT SERVICE STATION INC.	169 THIRD AVENUE	1/8 - 1/4 ENE	64	97

EXECUTIVE SUMMARY

SWRCY: Registered Recycling Facility List from the Department of Environmental Conservation.

A review of the SWRCY list, as provided by EDR, and dated 07/17/2000 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
RINALDI RECYCLING INC	182 4RH AVE	1/4 - 1/2 ESE	80	116
U.S.A. RECYCLING, INC.	141 SIXTH STREET	1/4 - 1/2 SSW	91	133

STATE OR LOCAL ASTM SUPPLEMENTAL

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 01/01/2002 has revealed that there are 4 AST sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
SACKETT STREET GARAGE	***498-502 SACKETT STREET***	***0 - 1/8 WNW***	***9***	***13***
ADMIRAL METALS	***270 NEVINS STREET***	***0 - 1/8 E***	***C18***	***24***
BAYSIDE FUEL OIL CORP	***267 BOND STREET***	***0 - 1/8 NNW***	***D19***	***26***
BELL ATLANTIC	***318 NEVINS STREET***	***0 - 1/8 SSE***	***G32***	***46***

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
DOUGLAS & DEGRAW	NEVINS ST, DOUGLAS ST.,	0 - 1/8 ENE	27	42

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, has revealed that there are 14 NY Spills sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
Not reported	505 SACKETT STREET	0 - 1/8 WNW	A8	12
BAYSIDE FUEL OIL COMPANY	285 BOND STREET	0 - 1/8 WNW	11	16
VACANT BUILDING	450 UNION ST	0 - 1/8 WSW	B14	18
MANHOLE 2526	UNION ST/BOND ST	0 - 1/8 WSW	B16	20
537 SACKETT STREET	537 SACKETT STREET	0 - 1/8 ESE	C20	33
GOWANUS PUMPING STATION	201 DOUGLAS ST/GOWANUS	0 - 1/8 N	E22	35
NEVINS STREET, DEGRAW STR	NEVINS ST/ DEGRAW ST.	0 - 1/8 E	F25	40
318 NEVINS ST.	318 NEVINS ST.	0 - 1/8 SSE	G29	44

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
318 NEVINS STREET	318 NEVINS STREET	0 - 1/8 SSE	G30	45
NEVIN ST GARAGE	318 NEVIN ST	0 - 1/8 SSE	G33	52
NYCDEP - GOWANUS PUMPING STATI	***201 DOUGLASS ST***	***0 - 1/8 NNE***	***E36***	***54***
201 DOUGLAS ST, BROOKLYN,	201 DOUGLAS ST	0 - 1/8 NNE	E37	58
TM 939	PRESIDENT ST/BOND ST	0 - 1/8 WSW	I39	60
GOWANAS CANAL	325 BOND ST	0 - 1/8 WSW	I40	61

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 4 Coal Gas sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
FULTON MUNICIPAL GAS CO.	263 NEVINS ST.	0 - 1/8 E	F24	40
CITIZENS GAS LIGHT CO.	437 SMITH ST.	1/2 - 1 WSW	98	140
METROPOLITAN GAS LIGHT CO.	35 12TH ST.	1/2 - 1 SSW	99	140
BROOKLYN UNION GAS CO.	157 SECOND AVE.	1/2 - 1 SSW	100	140

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

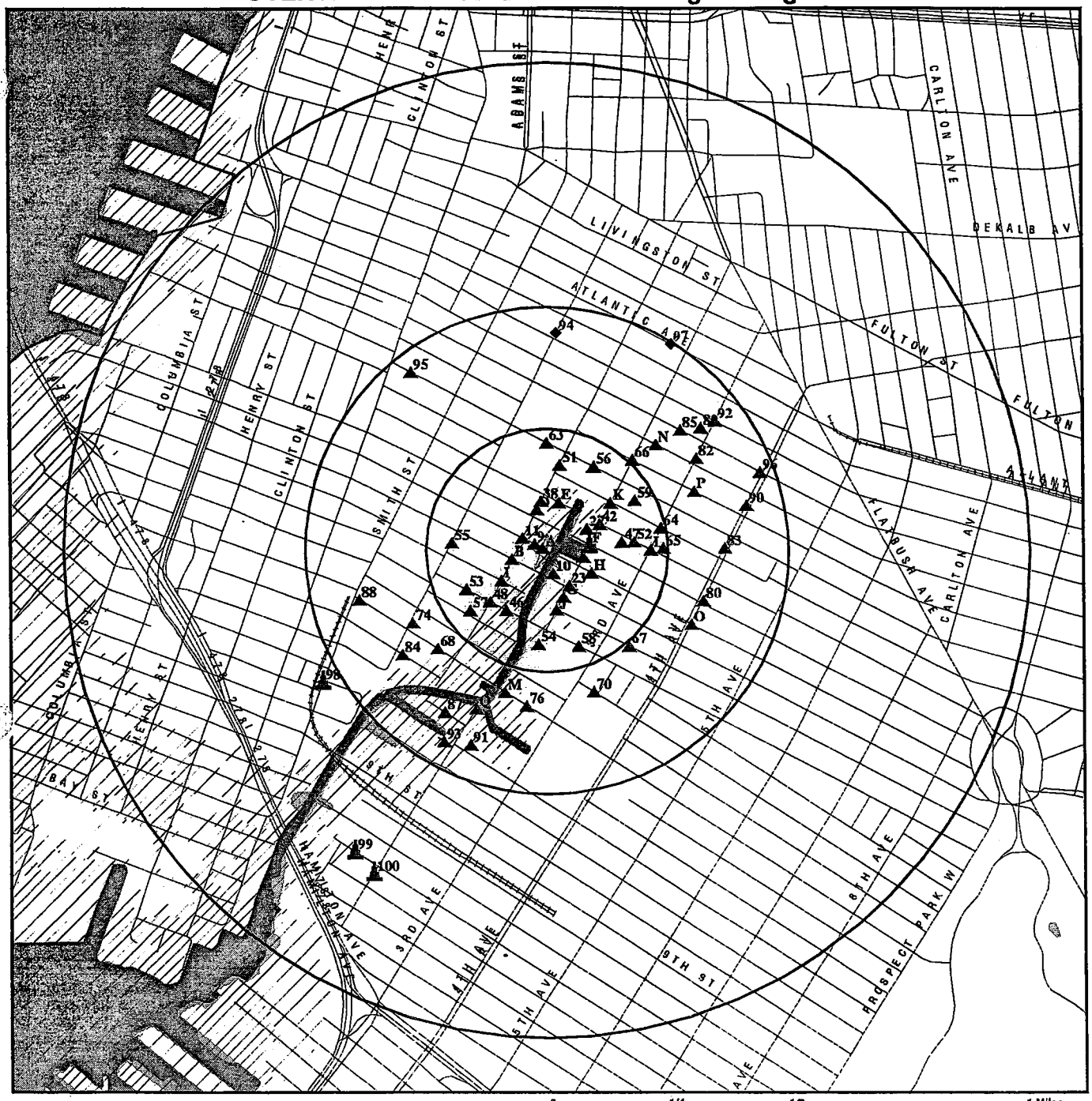
Site Name	Database(s)
CARROL GARDEN	CERC-NFRAP
BKLYN UNION GAS /FULTON MUNI WORK	CERC-NFRAP
PEREZ INTERBORO ASPHALT C	SWF/LF
SMITH STREET	NY Spills, SWF/LF
DICENT SERVICE STATION	RCRIS-SQG, FINDS
MTA NYCT - HOYT SCHERMERHORN STATION	RCRIS-SQG, FINDS
DCAS	RCRIS-SQG, FINDS
NYCDEP - SHAFT 16A	RCRIS-SQG, FINDS
NYC BD OF ED - PUBLIC SCHOOL 369 BKLYN	RCRIS-SQG, FINDS
NYCDOT BRIDGE BIN 2240250	RCRIS-LQG, FINDS
29TH STREET AND 2ND AVE GOWANUS GAS TURBINE SITE	ERNS
29TH ST AND 2ND AVE GOWANUS GAS TURBINE SITE	ERNS
33RD AND 2ND AVE GOWANUS CANAL	ERNS
IN A CANAL NEXT TO THE COMPANY	ERNS
6TH ST BASIN GOWANS CANAL	ERNS
CANAL	ERNS
COWANUS CANAL 29TH STREET AND 2ND AVE	ERNS
GOWANUS GAS TURBINE SITE 29TH ST AND 2ND AVE	ERNS
GOWANUS CANAL /NEAR THE HAMILTON AVE BRIDGE	ERNS
GOWANUS CANAL AND 9TH ST.	ERNS
GOWANUS CANAL BETWEEN 23RD AND 27TH STREET	ERNS
EAST RIVER SOUTH OF GOWANUS GAS TURBINE SITE AT 29TH ST AND	ERNS
PM 2341	NY Spills
43RD ST BETWEEN	NY Spills
MANHOLE 66771	NY Spills
SB 38848	NY Spills
MANHOLE 57618	NY Spills
ATLAS GAS STATION	NY Spills
3RD AV YARD INFO STOREROO	NY Spills
MANHOLE 74514	NY Spills
GOWANUS SUBSTATION	NY Spills
GOWANUS SUBSTATION	NY Spills
GOWNUS SUB STATION	NY Spills
GOWNUS SUB STATION	NY Spills
GOWNUS SUB STATION	NY Spills
GUANAS SUB-STATION	NY Spills
CON EDISON	NY Spills
SOUTH 2ND ST.	NY Spills
MANHOLE 6471	NY Spills
MANHOLE 63639	NY Spills
DAVIDSON PIPE SUPPLY CO	NY Spills
3RD ST BRIDGE SHEEN,BKLYN	NY Spills
MANHOLE #64857	NY Spills
BTWN 57 & 58TH ST	NY Spills
MANHOLE 33640	NY Spills
MANHOLE # 66770	NY Spills
BAY RIDGE CANAL - 57TH ST	NY Spills
57TH ST. & 2ND AVENUE	NY Spills
ANTON JUNIC ENTERPRISES	NY Spills
CON ED YARD	NY Spills
SLATING OIL AT	NY Spills
VAULT 3471	NY Spills
MANHOLE #38662	NY Spills
GOWANUS SUB STATION	NY Spills
GOWANUS SUB STATION	NY Spills
2NS AVE & E. 154TH ST	NY Spills
AVEU/BETWEEN E. 1ST & 2ND	NY Spills
GOWANS SUB STATION	NY Spills
GAS STATION	NY Spills

1ST AVE BET 50 & 51ST STS	NY Spills
MANHOLE 5354	NY Spills
OLD GAS STATION	NY Spills
23RD STREET AND	NY Spills
EAGLE GAS	NY Spills
MH 5553	NY Spills
3RD AVE/27TH ST	NY Spills
1ST AVE/SURF AVE & W. 10	NY Spills
VS6462	NY Spills
PRESIDENT STREET	NY Spills
14 MAJETA STREET	NY Spills
MANHOLE 2527	NY Spills
MANHOLE TM606	NY Spills
CARROLL ST. & UNION ST BR	NY Spills
CON EDISON/NORTH 1ST ST	NY Spills
MANHOLE 6266	NY Spills
MANHOLE #20850	NY Spills
DOMINO SUGAR/S 2ND ST	NY Spills
WYCKOFF AVE	NY Spills
MANHOLE 19758	NY Spills
GOWANIS HWY BY 65TH ST	NY Spills
GOWANUS PUMP STA. BYPASS	NY Spills
51 9TH ST	NY Spills
VS 3203	NY Spills
4TH STREET	NY Spills
SE CORNER STATE &	NY Spills
VAULT #2753	NY Spills
20 FT W OF PRESIDENT ST	NY Spills
ON HWY KENT AVE-EXIT OF	NY Spills
VAULT 2905	NY Spills
SERVICE BOX 37792	NY Spills
CLINTON ST AND	NY Spills
MANHOLE #1399	NY Spills
BOX 38486	NY Spills
MILL BASIN CANAL FLATBUSH	NY Spills
GOWANS CANAL	NY Spills
MAN HOLE #1501	NY Spills
VAULT 4412	NY Spills
NEVINS ST	NY Spills
VAULT 4500	NY Spills
TM 105	NY Spills
TM# 2464	NY Spills
BEHIND WHITMAN DR	NY Spills
MANHOLE 6062	NY Spills
38 PAERDEMAT 3RD ST	NY Spills
VS # 3248	NY Spills
RODNEY ST NEAR S 1ST ST	NY Spills
VERRAZANO BRIDGE	NY Spills
MANHOLE #43243	NY Spills
GOWANAS CANAL	NY Spills
ENG CO. 221 - 161 SOUTH	NY Spills
BROOKLYN WEST 6	NY Spills
335 81ST ST/3RD & 4TH AVE	NY Spills
GOWANUS SUB STATION	NY Spills
MANHOLE 4932	NY Spills
MAN HOLE #4934	NY Spills
MONTROSE AV	NY Spills
VAULT #2720	NY Spills
SB 45173	NY Spills
TM 2470	NY Spills
BUG, FULTON MUNICIPAL WORKS	HSWDS
USPS GOWANUS SITE, FORMER MGP METROPOLIT	VCP

EXECUTIVE SUMMARY

HARBOR ESTATES PROPERTY	VCP
PFIZER (ORGANICS/SUCIAC BLOCK)	VCP

OVERVIEW MAP - 871320.3s - Galli Engineering PC



- ☆ 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
- County Boundary
- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Wetlands

TARGET PROPERTY:	Gowanus Canal	CUSTOMER:	Galli Engineering PC
ADDRESS:	510 Sackett Street	CONTACT:	Bill Conroy
CITY/STATE/ZIP:	Brooklyn NY 11217	INQUIRY #:	871320.3s
LAT/LONG:	40.6802 / 73.9882	DATE:	December 13, 2002 7:54 am

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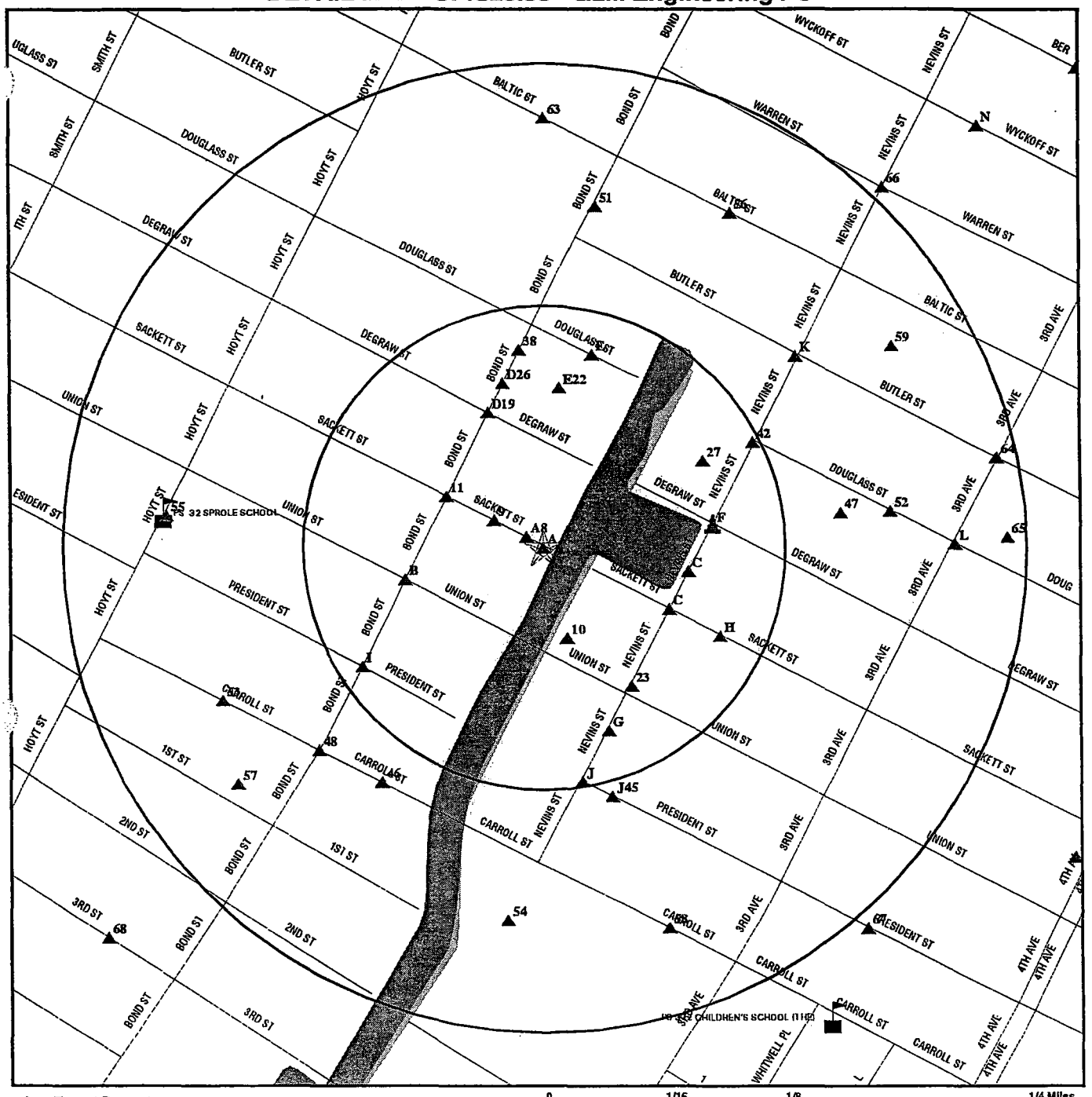
DETAIL MAP - 871320.3s - Galli Engineering PC



- 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
- County Boundary
- Power transmission lines
- Oil & Gas pipelines
- Wetlands

TARGET PROPERTY:	Gowanus Canal	CUSTOMER:	Galli Engineering PC
ADDRESS:	510 Sackett Street	CONTACT:	Bill Conroy
CITY/STATE/ZIP:	Brooklyn NY 11217	INQUIRY #:	871320.3s
LAT/LONG:	40.6802 / 73.9882	DATE:	December 13, 2002 7:55 am

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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 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	0	NR	NR	0
CERC-NFRAP		0.250	1	0	NR	NR	NR	1
CORRACTS		1.000	0	0	1	0	NR	1
RCRIS-TSD		0.500	0	0	0	NR	NR	0
RCRIS Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRIS Sm. Quan. Gen.	X	0.250	11	11	NR	NR	NR	22
ERNS	X	0.125	1	NR	NR	NR	NR	1
STATE ASTM STANDARD								
State Haz. Waste		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	1	2	NR	NR	3
LTANKS		0.500	1	4	27	NR	NR	32
UST		0.250	10	5	NR	NR	NR	15
CBS UST		0.250	0	0	NR	NR	NR	0
MOSF UST	X	0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
SWTIRE		0.500	0	0	0	NR	NR	0
SWRCY		0.500	0	0	2	NR	NR	2
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	X	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
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	X	TP	NR	NR	NR	NR	NR	0
STATE OR LOCAL ASTM SUPPLEMENTAL								
HSWDS		0.500	0	0	0	NR	NR	0
AST		0.125	4	NR	NR	NR	NR	4
CBS AST		0.250	1	0	NR	NR	NR	1
MOSF AST		0.500	0	0	0	NR	NR	0
NY Spills	X	0.125	14	NR	NR	NR	NR	14

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
EDR PROPRIETARY HISTORICAL DATABASES								
Coal Gas		1.000	1	0	0	3	NR	4
AQUIFLOW - see EDR Physical Setting Source Addendum								

TP = Target Property

NR = Not Requested at this Search Distance

* Sites may be listed in more than one database

510 SACKET ST/BKLYN (Continued) **S102146152**

SPILLS:

Spill Number:	9011319	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
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
Spiller Contact:	Not reported	Spiller Phone:	(718) 720-7207
Spiller:	ECKLOFF MARINE		
Spiller Address:	Not reported		
Spill Class:	Not reported		
Spill Closed Dt:	01/25/1991		
Spill Cause:	Equipment Failure	Resource Affected:	Surface Water
Water Affected:	GOWANUS CANAL	Spill Source:	Vessel
Spill Notifier:	Other	PBS Number:	Not reported
Spill Date:	01/25/1991 16:00	Reported to Dept:	01/25/1991 16:41
Cleanup Ceased:	01/25/1991		
Last Inspection:	Not reported		

Cleanup Meets Standard: True
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: Not reported
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 02/08/1991
Date Region Sent Summary to Central Office: 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: 25
- Units: Gallons
- Unknown Qty Spilled: 25
- Quantity Recovered: 0
- Unknown Qty Recovered: False
- Material: #2 FUEL OIL
- Class Type: Petroleum
- Chem Abstract Service Number: #2 FUEL OIL
- Last Date: 12/07/1994
- Num Times Material Entry In File: 24464

Remark: BARGE-GOWANUS TRADER LEAKING,NYCFD,USCG DEC ON SITE,SPILL BOOMED OFF SORBENTS BEING USED,PUMPING OUT COMPARTMENT OF BARGE,ECKLOFF S SPIL L CREW CLEANED UP SPILL OFFLOADED BARGE.

DEC Remarks: Not reported

A4 Target Property — **510 SACKETT**, **510 SACKETT**, **BROOKLYN, NY** — ERNS — 90184666 / N/A

Site 4 of 8 in cluster A

A5 Target Property — **BAYSIDE FUEL OIL DEPOT CORP.**, **510 SACKETT ST.**, **BROOKLYN, NY 11231** — MOSF UST — S103275956 / N/A

Site 5 of 8 in cluster A

MOSF UST:

Facility ID:	2-1220	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) 625-5932
Owner:	ALFRED ALLEGRETTI BAYSIDE FUEL OIL DEPOT CORP. 1776 SHORE PARKWAY BROOKLYN, NY 11214		
Owner Tel:	(718) 372-9800	Owner Type:	UNDEFINED
Mail To:	BAYSIDE FUEL OIL DEPOT CORP. 1776 SHORE PARKWAY P.O. BOX 140128 BROOKLYN, NY 11214 ATTN: ALFRED ALLEGRETTI (718) 372-9800		
Owner Status:	1	COI Date:	/ /
Legal Agent:	ALFRED ALLEGRETTI 1776 SHORE PARKWAY BROOKLYN, NY 11214		
Date Filed:	03/65	CBS Number:	Not reported
Emerg Contact:	VINCENT ALLEGRETTI, (718) 625-5932		
SPDES Num:	Not reported		
Total Tanks:	2	Total Capacity:	1501000
Tank Status:	In Service		
Status of Data:	Complete		
Avg Throughput:	60000	License Stat:	Issued
License Issued:	04/01/2000	Expiration Date:	03/31/2005
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge		
Applic Rcvd:	01/31/2000	Tank ID:	A-B-C
Tank Location:	Underground		
Install Date:	12/47	Capacity (Gal):	1500000
Product:	Nos. 1, 2, or 4 Fuel Oil	Tank Internal:	Epoxy Liner
Tank Type:	Steel/carbon steel		
Tank External:	13		
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Submersible
Pipe External:	13		
Second Contain:	None		
Leak Detection:	Groundwater Well		
Overfill Protection:	20		
Test Date:	12/96	Date Closed:	Not reported
Lat/Long:	40|40|50 / 73|59|20		
Inspected Date:	12/03/1998		
Inspector Initials:	AS		
Owner Mark:	1	Operator Name:	VINCENT ALLEGRETTI
Prod Xfer Options:	AC	Operator Name:	VINCENT ALLEGRETTI
Inspector Status:	Not reported	License Issued:	04/01/2000

BAYSIDE FUEL OIL DEPOT CORP. (Continued) **S103275956**

Vessel Id:	Not reported	Renew Date:	11/16/1999
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1220	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) 625-5932
Owner:	ALFRED ALLEGRETTI BAYSIDE FUEL OIL DEPOT CORP. 1776 SHORE PARKWAY BROOKLYN, NY 11214		
Owner Tel:	(718) 372-9800	Owner Type:	UNDEFINED
Mail To:	BAYSIDE FUEL OIL DEPOT CORP. 1776 SHORE PARKWAY P.O. BOX 140128 BROOKLYN, NY 11214 ATTN: ALFRED ALLEGRETTI (718) 372-9800		
Owner Status:	1	COI Date:	/ /
Legal Agent:	ALFRED ALLEGRETTI 1776 SHORE PARKWAY BROOKLYN, NY 11214		
Date Filed:	03/65	CBS Number:	Not reported
Emerg Contact:	VINCENT ALLEGRETTI, (718) 625-5932		
SPDES Num:	Not reported		
Total Tanks:	2	Total Capacity:	1501000
Tank Status:	In Service		
Status of Data:	Complete		
Avg Throughput:	60000	License Stat:	Issued
License Issued:	04/01/2000	Expiration Date:	03/31/2005
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge		
Applic Rcvd:	01/31/2000	Tank ID:	BOILER TANK
Tank Location:	Underground		
Install Date:	12/47	Capacity (Gal):	1000
Product:	Nos. 1, 2, or 4 Fuel Oil	Tank Internal:	Epoxy Liner
Tank Type:	Steel/carbon steel		
Tank External:	13		
Pipe Location:	Underground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	13		
Second Contain:	None		
Leak Detection:	Groundwater Well		
Overfill Protection:	24		
Test Date:	08/79	Date Closed:	Not reported
Lat/Long:	40|40|50 / 73|59|20		
Inspected Date:	12/03/1998		
Inspector Initials:	AS		
Owner Mark:	1	Operator Name:	VINCENT ALLEGRETTI
Prod Xfer Options:	AC	Operator Name:	VINCENT ALLEGRETTI
Inspector Status:	Not reported	License Issued:	04/01/2000
Vessel Id:	Not reported	Renew Date:	11/16/1999
Pipe Flag:	True	Renew Flag:	True

A6 **510 SACKETT ST/BKLYN** **NY Spills** **S103560346**
Target **510 SACKET STREET** **N/A**
Property **NEW YORK CITY, NY**

Site 6 of 8 in cluster A

510 SACKETT ST/BKLYN (Continued) **S103560346**

SPILLS:

Spill Number:	9011318	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	SIGONA	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
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	TANK BARGE-GOWANUS TRADER		
Spiller Address:	Not reported		
Spill Class:	Not reported		
Spill Closed Dt:	01/26/1991		
Spill Cause:	Other	Resource Affected:	Surface Water
Water Affected:	GOWANUS CANAL	Spill Source:	Vessel
Spill Notifier:	Federal Government	PBS Number:	Not reported
Spill Date:	01/25/1991 16:00	Reported to Dept:	01/25/1991 16:34
Cleanup Ceased:	01/26/1991		
Last Inspection:	Not reported		

Cleanup Meets Standard: True
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: Not reported
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 02/08/1991
Date Region Sent Summary to Central Office: 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: 20
- Units: Gallons
- Unknown Qty Spilled: 20
- Quantity Recovered: 0
- Unknown Qty Recovered: False
- Material: #2 FUEL OIL
- Class Type: Petroleum
- Chem Abstract Service Number: #2 FUEL OIL
- Last Date: 12/07/1994
- Num Times Material Entry In File: 24464

Remark: HOLE IN ONE OF THE COMPARTMENTS OF THE BARGE,HOLE BELOW WATERLINE, PR ODUCT RELEASED IS APPROX 25GAL,BOOMS SORBENT PADS ARE IN PLACE, LEAK STOPPED BY PUMPING OUT THE LEAKING COMPARTMENT.

DEC Remarks: 01/26/91: NYCFD,USCG NYSDEC RESPONDED TO SPILL,CLEAN UP SITUATION UN DER CONTROL.

A7 **510 SACKETT ST** **NY Spills** **S102240352**
Target **510 SACKETT ST** **N/A**
Property **BROOKLYN, NY**

Site 7 of 8 in cluster A

SPILLS:

Spill Number:	9604267	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	TANG	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
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	BAYSIDE OIL CO		
Spiller Address:	510 SACKETT ST BROOKLYN, NY		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	06/28/1996		
Spill Cause:	Deliberate	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Spill Notifier:	Local Agency	PBS Number:	Not reported
Spill Date:	06/28/1996 15:42	Reported to Dept:	06/28/1996 16:01
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported		

Cleanup Meets Standard:	False
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Date:	Not reported
Enforcement Date:	Not reported
Investigation Complete:	Not reported
UST Involvement:	False
Spill Record Last Update:	07/02/1996
Is Updated:	False
Corrective Action Plan Submitted:	Not reported
Date Spill Entered In Computer Data File:	06/28/1996
Date Region Sent Summary to Central Office:	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:	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:	09/29/1994
Num Times Material Entry In File:	21329
Material Class Type:	1
Quantity Spilled:	0

510 SACKETT ST (Continued) **S102240352**

Units: Gallons
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: True
Material: UNKNOWN PETROLEUM
Class Type: Petroleum
Chem Abstract Service Number: UNKNOWN PETROLEUM
Last Date: 09/29/1994
Num Times Material Entry In File: 16414
Remark: REPORTING PERSON WORKS FOR BAYSIDE OIL HE WAS ASK TO CLEAN UP MATERAL WHICH IS IN DRUMS AT LOCATION - DRUMS APPEARENTLY ARE LEAKING AND HE WO ULD NOT CLEAN UP THE MATERAL DUE TO THE HAZARD HE CALLED DEPT OF ENVIRO . PROTECTION WHO INTERN CALLED US-- ALONG WITH ABOVE MATERAL THERE IS A LSO LOOSE ASBESTOS ON SITE
DEC Remarks: Not reported

A8 **NY Spills** **S104648107**
WNW **505 SACKETT STREET** **N/A**
< 1/8 **BROOKLYN, NY**
54 ft.
Higher **Site 8 of 8 in cluster A**

SPILLS:
Spill Number: 9809650 | Region of Spill: 2
Facility Contact: Not reported | Facility Tele: Not reported
Investigator: ENGELHARDT | 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
Spiller Contact: Not reported | Spiller Phone: (212) 580-6763
Spiller: CON EDISON
Spiller Address: 4 IRVING PLACE
NEW YORK, NY 10003
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: Not reported
Spill Cause: Unknown | Resource Affected: On Land
Water Affected: Not reported | Spill Source: Other Commercial/Industrial
Spill Notifier: Responsible Party | PBS Number: Not reported
Spill Date: 11/02/1998 09:00 | Reported to Dept: 11/02/1998 09:52
Cleanup Ceased: Not reported
Last Inspection: Not reported
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 11/06/1998
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 11/02/1998
Date Region Sent Summary to Central Office: Not reported
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported

(Continued) S104648107

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: 1
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
Remark: MANHOLE 56074. 1 QUART IN MANHOLE. NO SEWERS OR DRAINS. SAMPLES TAKEN . TO BE CLEANED UP PENDING TESTS RESULTS. CON EDISON REFERENCE NUMBER 1 20966.
DEC Remarks: Not reported

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9 WNW < 1/8 154 ft. Higher **SACKETT STREET GARAGE** **UST U003074650**
498-502 SACKETT STREET **AST N/A**
BROOKLYN NY, NY 11231

PBS UST:

PBS Number:	2-017590	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	ANTHONY NATALE (718) 946-4000		
Emergency Contact:	VINCENT ALLEGRETTI (917) 641-2052		
Total Tanks:	3		
Owner:	BAYSIDE FUEL OIL CORP 180 SHORE PARKWAY BROOKLYN, NY 11214 (718) 946-4000		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	BAYSIDE FUEL OIL CORP ATTN: FREDERICK J. CAPURO 1810 SHORE PARKWAY BROOKLYN, NY 11214 (718) 976-4000		
Tank Status:	In Service		
Capacity (gals):	4000		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	06/01/1979
Tank Type:	Steel/carbon steel	Product Stored:	UNLEADED GASOLINE
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Underground	Pipe Type:	GALVANIZED STEEL
Tank External:	NONE/IMPRESSED CURRENT		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE/IMPRESSED CURRENT		
Second Containment:	NONE/NONE		
Leak Detection:	NONE/IN-TANK SYSTEM		
Overfill Prot:	High Level Alarm, Catch Basin	Dispenser:	Suction
Date Tested:	10/01/1997	Next Test Date:	Not reported

SACKETT STREET GARAGE (Continued) **U003074650**

Date Closed:	Not reported	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:	4550	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	11/12/1997
Old PBS Number:	Not reported	Expiration Date:	10/23/2002
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 AST:

PBS Number:	2-017590	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:	Corporate/Commercial		
Owner Sub Type:	Not reported		
Owner:	BAYSIDE FUEL OIL CORP 180 SHORE PARKWAY BROOKLYN, NY 11214		
Owner Phone:	(718) 946-4000		
Facility Phone:	(718) 946-4000		
Operator:	ANTHONY NATALE		
Emergency Name:	VINCENT ALLEGRETTI		
Emergency Phone:	(917) 641-2052		
Total Tanks:	3		
Total Capacity:	4550		
Tank ID:	002		
Capacity (Gal):	275		
Missing Data for Tank :	No data missing		
Tank Location:	ABOVEGROUND		
Product Stored:	LUBE OIL		
Tank Type:	Steel/carbon steel		
Install Date:	06/01/1985		
Tank Internal:	NONE		
Tank External:	NONE/NONE		
Tank Containment:	NONE/NONE		
Pipe Type:	STEEL/IRON		
Pipe Location:	Aboveground		
Pipe Internal:	NONE		
Pipe External:	NONE/NONE		
Leak Detection:	NONE/NONE		
Overfill Protection:	Product Level Gauge		
Dispenser Method:	Gravity		
Date Tested:	/ /	Next Test Date:	/ /
Date Closed:	/ /	Test Method:	Not reported
Updated:	True	Deleted:	False
Date Inspected:	Not reported	Inspector:	Not reported

SACKETT STREET GARAGE (Continued) **U003074650**

Result of Inspection:	Not reported		
Mailing Name:	BAYSIDE FUEL OIL CORP		
Mailing Address:	1810 SHORE PARKWAY BROOKLYN, NY 11214		
Mailing Contact:	FREDERICK J. CAPURO		
Mailing Telephone:	(718) 976-4000		
Owner Mark:	First Owner	Expiration Date:	10/23/2002
Certification Flag:	False	Certification Date:	11/12/1997
Renew Flag:	False	Renew Date:	/ /
Lat/Long:	Not reported		
Dead Letter:	False		
Facility Screen:	Minor data missing		
Owner Screen:	No 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:	2-017590	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:	Corporate/Commercial		
Owner Sub Type:	Not reported		
Owner:	BAYSIDE FUEL OIL CORP 180 SHORE PARKWAY BROOKLYN, NY 11214		
Owner Phone:	(718) 946-4000		
Facility Phone:	(718) 946-4000		
Operator:	ANTHONY NATALE		
Emergency Name:	VINCENT ALLEGRETTI		
Emergency Phone:	(917) 641-2052		
Total Tanks:	3		
Total Capacity:	4550		
Tank ID:	003		
Capacity (Gal):	275		
Missing Data for Tank :	Minor data missing		
Tank Location:	ABOVEGROUND		
Product Stored:	LUBE OIL		
Tank Type:	Steel/carbon steel		
Install Date:	06/01/1985		
Tank Internal:	Not reported		
Tank External:	Not reported		
Tank Containment:	NONE/NONE		
Pipe Type:	STEEL/IRON		
Pipe Location:	Aboveground		
Pipe Internal:	NONE		
Pipe External:	NONE/NONE		
Leak Detection:	NONE/NONE		
Overfill Protection:	Product Level Gauge		
Dispenser Method:	Gravity		
Date Tested:	/ /	Next Test Date:	/ /
Date Closed:	/ /	Test Method:	Not reported

SACKETT STREET GARAGE (Continued) **U003074650**

Updated:	True	Deleted:	False
Date Inspected:	Not reported	Inspector:	Not reported
Result of Inspection:	Not reported		
Mailing Name:	BAYSIDE FUEL OIL CORP		
Mailing Address:	1810 SHORE PARKWAY BROOKLYN, NY 11214		
Mailing Contact:	FREDERICK J. CAPURO		
Mailing Telephone:	(718) 976-4000		
Owner Mark:	First Owner	Expiration Date:	10/23/2002
Certification Flag:	False	Certification Date:	11/12/1997
Renew Flag:	False	Renew Date:	/ /
Lat/Long:	Not reported		
Dead Letter:	False		
Facility Screen:	Minor data missing		
Owner Screen:	No 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

10
SSE
< 1/8
253 ft.
Higher

NYSDOT UNION ST BRIDGE **RCRIS-SQG** **1000555037**
UNION ST BRG - GOWANUS CANAL **FINDS** **NYD986975324**
BROOKLYN, NY 11201

RCRIS:

Owner:	NYSDOT (212) 555-1212
EPA ID:	NYD986975324
Contact:	MUHAMMAD AFZAL (212) 414-7172
Classification:	Small Quantity Generator
Used Oil Recyc:	No
TSDF Activities:	Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

11
WNW
< 1/8
301 ft.
Higher

BAYSIDE FUEL OIL COMPANY **NY Spills** **S103574768**
285 BOND STREET **N/A**
BROOKLYN, NY

SPILLS:

Spill Number:	9810785	Region of Spill:	2
Facility Contact:	TONY NATALE	Facility Tele:	(718) 946-7889
Investigator:	SACCACIO	SWIS:	61
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported

BAYSIDE FUEL OIL COMPANY (Continued) **S103574768**

Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spiller Contact:	TONY NATALE	Spiller Phone:	(718) 372-9800
Spiller:	BAYSIDE FUEL OIL COMPANY		
Spiller Address:	285 BOND STREET BROOKLYN, NY		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	Not reported		
Spill Cause:	Equipment Failure	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Spill Notifier:	Responsible Party	PBS Number:	Not reported
Spill Date:	11/25/1998 11:00	Reported to Dept:	11/25/1998 11:41
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported		

Cleanup Meets Standard:	False
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Date:	Not reported
Enforcement Date:	Not reported
Investigation Complete:	Not reported
UST Involvement:	False
Spill Record Last Update:	10/16/2000
Is Updated:	False
Corrective Action Plan Submitted:	Not reported
Date Spill Entered In Computer Data File:	11/25/1998
Date Region Sent Summary to Central Office:	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:	20
Units:	Gallons
Unknown Qty Spilled:	20
Quantity Recovered:	0
Unknown Qty Recovered:	False
Material:	DIESEL
Class Type:	Petroleum
Chem Abstract Service Number:	DIESEL
Last Date:	07/28/1994
Num Times Material Entry In File:	10625

Remarks: SUCTION LINE LEAK
DEC Remarks: Not reported

B12
WSW
< 1/8
379 ft.
Higher

NYCDOT BIN 2240270
UNION ST BRIDGE OVER
BROOKLYN, NY 11231

Site 1 of 4 in cluster B

RCRIS-SQG **1001090370**
FINDS **NYR000022079**

NYCDOT BIN 2240270 (Continued) **1001090370**

RCRIS:
Owner: NYCDOT
(212) 788-2083
EPA ID: NYR000022079

Contact: JOHN ANZALONE
(212) 788-2083

Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

NY MANIFEST
Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

C13 **CHATHAM CLEANERS INC** **RCRIS-SQG 1000407106**
ESE **280 NEVINS ST** **FINDS NYD981133747**
< 1/8 **BROOKLYN, NY 11217**
379 ft.
Higher **Site 1 of 5 in cluster C**

RCRIS:
Owner: Not reported
EPA ID: NYD981133747

Contact: BORIS WEISS
(718) 834-6060

Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

NY MANIFEST
Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
AIRS Facility System (AIRS/AFS)
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

B14 **VACANT BUILDING** **NY Spills S105057992**
WSW **450 UNION ST** **N/A**
< 1/8 **BROOKLYN, NY**
390 ft.
Higher **Site 2 of 4 in cluster B**

SPILLS:

Spill Number:	0102612	Region of Spill:	2
Facility Contact:	JAMES RIGNEY	Facility Tele:	(718) 923-8003
Investigator:	SANGESLAND	SWIS:	61
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported

VACANT BUILDING (Continued) **S105057992**

Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Spiller Contact: JAMES RIGNEY
Spiller Phone: (718) 923-8003
Spiller: VACANT BUILDING
Spiller Address: 450 UNION ST
BROOKLYN, NY
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: Not reported
Spill Cause: Unknown
Resource Affected: On Land
Water Affected: Not reported
Spill Source: Other Commercial/Industrial
Spill Notifier: Other
PBS Number: Not reported
Spill Date: 06/08/2001 10:00
Reported to Dept: 06/08/2001 10:24
Cleanup Ceased: Not reported
Last Inspection: Not reported
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 07/16/2001
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 06/08/2001
Date Region Sent Summary to Central Office: 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: 0
- Units: Gallons
- Unknown Qty Spilled: No
- Quantity Recovered: 0
- Unknown Qty Recovered: False
- Material: #2 FUEL OIL
- Class Type: Petroleum
- Chem Abstract Service Number: #2 FUEL OIL
- Last Date: 12/07/1994
- Num Times Material Entry In File: 24464

Remark: CONTAMINATED SOIL FOUND AT LOCATION AFTER SOIL SAMPLES WERE TAKEN. PROPERTY ACROSS ST FROM LOCATION IS AN OIL DEPOT.

DEC Remarks: 7/16/2001 Testing was done. Borings along Union st. all samples were high Took water samples along union St. along Gowanas Canal and inside the building all water samples were clean). Bayside Fuel is across the street from this site.

B15 **THOMAS PAULSON & SON INC** **RCRIS-SQG 1000296296**
WSW **450 UNION ST** **FINDS NYD001263136**
< 1/8 **BROOKLYN, NY 11231**
390 ft.
Higher **Site 3 of 4 in cluster B**

THOMAS PAULSON & SON INC (Continued) **1000296296**

RCRIS:
Owner: Not reported
EPA ID: NYD001263136
Contact: IRVIN SCHLANSKY
(718) 625-2936
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
AIRS Facility System (AIRS/AFS)
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)
Toxic Chemical Release Inventory System (TRIS)

B16 **MANHOLE 2526** **NY Spills** **S104193529**
WSW **UNION ST/BOND ST** **N/A**
< 1/8 **BROOKLYN, NY**
390 ft.
Higher **Site 4 of 4 in cluster B**

SPILLS:

Spill Number:	9905323	Region of Spill:	2
Facility Contact:	CALLER	Facility Tele:	( ) -
Investigator:	O'CONNELL	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
Spiller Contact:	CALLER	Spiller Phone:	Not reported
Spiller:	CON ED		
Spiller Address:	4 IRVING PL MANHATTEN, NY 10003		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	Not reported		
Spill Cause:	Equipment Failure	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Spill Notifier:	Responsible Party	PBS Number:	Not reported
Spill Date:	08/03/1999 09:35	Reported to Dept:	08/03/1999 10:46
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported		

Cleanup Meets Standard:	False
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Date:	Not reported
Enforcement Date:	Not reported
Investigation Complete:	Not reported
UST Involvement:	False
Spill Record Last Update:	08/03/1999
Is Updated:	False
Corrective Action Plan Submitted:	Not reported
Date Spill Entered In Computer Data File:	08/03/1999
Date Region Sent Summary to Central Office:	Not reported
Tank Test:	

MANHOLE 2526 (Continued) **S104193529**

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:	DIELECTRIC FLUID
Class Type:	Petroleum
Chem Abstract Service Number:	DIELECTRIC FLUID
Last Date:	Not reported
Num Times Material Entry In File:	41
Remarks:	1qt on 100 gallons water. con ed 126006. samples.
DEC Remarks:	Not reported

This is the most recent NY SPILLS record for this site.
The NY SPILLS database contains 1 additional record for this site.
Please contact your EDR Account Executive for more information.

C17 **T E CONKLIN BRASS&COPPER CO,IN** **UST** **1000551031**
East **270 NEVINS STREET** **N/A**
< 1/8 **BKLN, NY 11217**
398 ft.
Higher **Site 2 of 5 in cluster C**

PBS UST:

PBS Number:	2-349216	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	T E CONKLIN BRASS&COPPER CO,IN (718) 643-6360		
Emergency Contact:	THOMAS FAILLA (516) 536-4568		
Total Tanks:	0		
Owner:	NEVINS CANAL CORP 116 JOHN ST RM 312 NEW YORK, NY 10038 (212) 349-5618		
Owner Type:	Not reported		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	NEVINS CANAL CORP 116 JOHN ST RM 312 NEW YORK, NY 10038 (212) 349-5618		
Tank Status:	Closed - In Place		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	DIESEL
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		

T E CONKLIN BRASS&COPPER CO,IN (Continued) **1000551031**

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:	04/01/1993	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:	0	Renewal Date:	Not reported
Tank Screen:	0	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	05/19/1988
Old PBS Number:	Not reported	Expiration Date:	05/19/1993
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:	2-349216	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	T E CONKLIN BRASS&COPPER CO,IN (718) 643-6360		
Emergency Contact:	THOMAS FAILLA (516) 536-4568		
Total Tanks:	0		
Owner:	NEVINS CANAL CORP 116 JOHN ST RM 312 NEW YORK, NY 10038 (212) 349-5618		
Owner Type:	Not reported		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	NEVINS CANAL CORP 116 JOHN ST RM 312 NEW YORK, NY 10038 (212) 349-5618		
Tank Status:	Closed - In Place		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	002	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	DIESEL
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:	NONE		
Leak Detection:	NONE		
Overfill Prot:	Product Level Gauge	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	04/01/1993	Test Method:	Not reported
Deleted:	False	Updated:	True

T E CONKLIN BRASS&COPPER CO,IN (Continued) **1000551031**

Dead Letter:	False	Owner Screen:	Minor 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:	Minor data missing
Certification Flag:	False	Certification Date:	05/19/1988
Old PBS Number:	Not reported	Expiration Date:	05/19/1993
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:	2-349216	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	T E CONKLIN BRASS&COPPER CO,IN (718) 643-6360		
Emergency Contact:	THOMAS FAILLA (516) 536-4568		
Total Tanks:	0		
Owner:	NEVINS CANAL CORP 116 JOHN ST RM 312 NEW YORK, NY 10038 (212) 349-5618		
Owner Type:	Not reported		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	NEVINS CANAL CORP 116 JOHN ST RM 312 NEW YORK, NY 10038 (212) 349-5618		
Tank Status:	Closed - In Place		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	003	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:	Not reported		
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:	04/01/1993	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:	0	Renewal Date:	Not reported
Tank Screen:	0	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	05/19/1988
Old PBS Number:	Not reported	Expiration Date:	05/19/1993

T E CONKLIN BRASS&COPPER CO,IN (Continued) **1000551031**

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		

C18 **ADMIRAL METALS** **UST U000408644**
East **270 NEVINS STREET** **AST N/A**
< 1/8 **BROOKLYN, NY 11217**
398 ft.
Higher **Site 3 of 5 in cluster C**

PBS UST:

PBS Number:	2-483001	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	TOM FAILLA (718) 858-2808		
Emergency Contact:	HERBERT CHAVES (212) 349-5618		
Total Tanks:	1		
Owner:	NEVINS CANAL CORP 116 JOHN STREET, ROOM 312 NEW YORK, NY 10038 (212) 349-5618		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	NEVINS CANAL CORPORATION ATTN: HERBERT CHAVEZ 116 JOHN STREET, ROOM 312 NEW YORK, NY 10038 (212) 349-5618		
Tank Status:	Closed - Removed		
Capacity (gals):	5000		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	Not reported
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:	10/01/1990	Next Test Date:	Not reported
Date Closed:	08/01/1998	Test Method:	HORNER
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	5000	Renewal Date:	Not reported
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	09/29/2000
Old PBS Number:	Not reported	Expiration Date:	11/16/2005
Inspected Date:	Not reported	Inspector:	Not reported

ADMIRAL METALS (Continued) **U000408644**

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 AST:

PBS Number:	2-483001	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:	NEVINS CANAL CORP 116 JOHN STREET, ROOM 312 NEW YORK, NY 10038		
Owner Phone:	(212) 349-5618		
Facility Phone:	(718) 858-2808		
Operator:	TOM FAILLA		
Emergency Name:	HERBERT CHAVES		
Emergency Phone:	(212) 349-5618		
Total Tanks:	1		
Total Capacity:	5000		
Tank ID:	002		
Capacity (Gal):	5000		
Missing Data for Tank :	No data missing		
Tank Location:	ABOVEGROUND		
Product Stored:	NOS 1,2, OR 4 FUEL OIL		
Tank Type:	Steel/carbon steel		
Install Date:	08/01/1998		
Tank Internal:	NONE		
Tank External:	NONE/PAINTED/ASPHALT COATING		
Tank Containment:	VAULT/NONE		
Pipe Type:	STEEL/IRON		
Pipe Location:	Aboveground		
Pipe Internal:	NONE		
Pipe External:	NONE/NONE		
Leak Detection:	NONE/NONE		
Overfill Protection:	Product Level Gauge, Vent Whistle		
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:	NEVINS CANAL CORPORATION		
Mailing Address:	116 JOHN STREET, ROOM 312 NEW YORK, NY 10038		
Mailing Contact:	HERBERT CHAVEZ		
Mailing Telephone:	(212) 349-5618		
Owner Mark:	First Owner	Expiration Date:	11/16/2005
Certification Flag:	False	Certification Date:	09/29/2000
Renew Flag:	False	Renew Date:	/ /
Lat/Long:	Not reported		

ADMIRAL METALS (Continued) **U000408644**

Dead Letter:	False
Facility Screen:	No data missing
Owner Screen:	Minor data missing
Tank Screen:	No 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

D19 **BAYSIDE FUEL OIL CORP** **UST U003074649**
NNW **267 BOND STREET** **AST N/A**
< 1/8 **BROOKLYN, NY 11231**
400 ft.
Higher **Site 1 of 2 in cluster D**

PBS UST:

PBS Number:	2-017574	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	BAYSIDE FUEL OIL CORP (718) 946-7889		
Emergency Contact:	VINCENT ALLEGRETTI (917) 641-2052		
Total Tanks:	3		
Owner:	BAYSIDE FUEL OIL CORP 1810 SHORE PARKWAY BROOKLYN, NY 11214 (718) 946-4000		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	BAYSIDE FUEL OIL CORP ATTN: ANTHONY NATALE/OPER.MGR. 1776 SHORE PARKWAY BROOKLYN, NY 11214 (718) 372-9800		
Tank Status:	Closed - Removed		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	017	Install Date:	12/01/1960
Tank Type:	Steel/carbon steel	Product Stored:	KEROSENE
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/NONE		
Leak Detection:	NONE/NONE		
Overfill Prot:	High Level Alarm	Dispenser:	Submersible
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	12/01/1998	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:	825	Renewal Date:	Not reported
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	11/12/1997
Old PBS Number:	Not reported	Expiration Date:	10/23/2002

BAYSIDE FUEL OIL CORP (Continued) **U003074649**

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:	2-017574	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	BAYSIDE FUEL OIL CORP (718) 946-7889		
Emergency Contact:	VINCENT ALLEGRETTI (917) 641-2052		
Total Tanks:	3		
Owner:	BAYSIDE FUEL OIL CORP 1810 SHORE PARKWAY BROOKLYN, NY 11214 (718) 946-4000		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	BAYSIDE FUEL OIL CORP ATTN: ANTHONY NATALE/OPER.MGR. 1776 SHORE PARKWAY BROOKLYN, NY 11214 (718) 372-9800		
Tank Status:	Closed - Removed		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	12/01/1960
Tank Type:	Steel/carbon steel	Product Stored:	DIESEL
Tank Internal:	0	Pipe Internal:	NONE
Pipe Location:	Above/Underground Combination	Pipe Type:	STEEL/IRON
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	NONE/NONE		
Second Containment:	NONE/NONE		
Leak Detection:	NONE/NONE		
Overfill Prot:	None	Dispenser:	Suction
Date Tested:	10/01/1997	Next Test Date:	Not reported
Date Closed:	12/01/1998	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:	825	Renewal Date:	Not reported
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	11/12/1997
Old PBS Number:	Not reported	Expiration Date:	10/23/2002
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		

BAYSIDE FUEL OIL CORP (Continued) **U003074649**

County Code:	61		
Region:	2		
PBS Number:	2-017574	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	BAYSIDE FUEL OIL CORP (718) 946-7889		
Emergency Contact:	VINCENT ALLEGRETTI (917) 641-2052		
Total Tanks:	3		
Owner:	BAYSIDE FUEL OIL CORP 1810 SHORE PARKWAY BROOKLYN, NY 11214 (718) 946-4000		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	BAYSIDE FUEL OIL CORP ATTN: ANTHONY NATALE/OPER.MGR. 1776 SHORE PARKWAY BROOKLYN, NY 11214 (718) 372-9800		
Tank Status:	Closed - Removed		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	002	Install Date:	12/01/1960
Tank Type:	Steel/carbon steel	Product Stored:	DIESEL
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Above/Underground Combination	Pipe Type:	STEEL/IRON
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	NONE/NONE		
Second Containment:	NONE/NONE		
Leak Detection:	NONE/NONE		
Overfill Prot:	None	Dispenser:	None
Date Tested:	10/01/1997	Next Test Date:	Not reported
Date Closed:	12/01/1998	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:	825	Renewal Date:	Not reported
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	11/12/1997
Old PBS Number:	Not reported	Expiration Date:	10/23/2002
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:	2-017574	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	BAYSIDE FUEL OIL CORP		

BAYSIDE FUEL OIL CORP (Continued) **U003074649**

(718) 946-7889
Emergency Contact: VINCENT ALLEGRETTI
(917) 641-2052
Total Tanks: 3
Owner: BAYSIDE FUEL OIL CORP
1810 SHORE PARKWAY
BROOKLYN, NY 11214
(718) 946-4000
Owner Type: Corporate/Commercial
Owner Mark: First Owner
Owner Subtype: Not reported
Mailing Address: BAYSIDE FUEL OIL CORP
ATTN: ANTHONY NATALE/OPER.MGR.
1776 SHORE PARKWAY
BROOKLYN, NY 11214
(718) 372-9800
Tank Status: Closed - Removed
Capacity (gals): 550
Tank Location: UNDERGROUND
Tank Id: 003 Install Date: 12/01/1960
Tank Type: Steel/carbon steel Product Stored: DIESEL
Tank Internal: NONE Pipe Internal: NONE
Pipe Location: Above/Underground Combination Pipe Type: STEEL/IRON
Tank External: NONE/NONE
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: 10/01/1997 Next Test Date: Not reported
Date Closed: 12/01/1998 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: 825 Renewal Date: Not reported
Tank Screen: No data missing Federal ID: Not reported
Renew Flag: Renwal has not been printed Facility Screen: Minor data missing
Certification Flag: False Certification Date: 11/12/1997
Old PBS Number: Not reported Expiration Date: 10/23/2002
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: 2-017574 CBS Number: Not reported
SPDES Number: Not reported SWIS ID: 6101
Operator: BAYSIDE FUEL OIL CORP
(718) 946-7889
Emergency Contact: VINCENT ALLEGRETTI
(917) 641-2052
Total Tanks: 3
Owner: BAYSIDE FUEL OIL CORP
1810 SHORE PARKWAY

BAYSIDE FUEL OIL CORP (Continued) **U003074649**

BROOKLYN, NY 11214
(718) 946-4000

Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	BAYSIDE FUEL OIL CORP ATTN: ANTHONY NATALE/OPER.MGR. 1776 SHORE PARKWAY BROOKLYN, NY 11214 (718) 372-9800		
Tank Status:	Closed - Removed		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	004	Install Date:	12/01/1960
Tank Type:	Steel/carbon steel	Product Stored:	DIESEL
Tank Internal:	0	Pipe Internal:	NONE
Pipe Location:	Above/Underground Combination	Pipe Type:	STEEL/IRON
Tank External:	NONE/NONE		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	NONE/NONE		
Second Containment:	NONE/NONE		
Leak Detection:	NONE/NONE		
Overfill Prot:	None	Dispenser:	Suction
Date Tested:	10/01/1997	Next Test Date:	Not reported
Date Closed:	12/01/1998	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:	825	Renewal Date:	Not reported
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	11/12/1997
Old PBS Number:	Not reported	Expiration Date:	10/23/2002
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		

This is the most recent NY PBS data for this site.
The NY PBS database contains 9 additional records for this site.
Please contact your EDR Account Executive for more information.

PBS AST:

PBS Number:	2-017574	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS Code:	6101
Federal ID:	Not reported	Previous PBS#:	Not reported
Facility Status:	4 - Subpart 360-14 only (active)		
Facility Type:	Not reported		
Owner Type:	Corporate/Commercial		
Owner Sub Type:	Not reported		
Owner:	BAYSIDE FUEL OIL CORP 1810 SHORE PARKWAY BROOKLYN, NY 11214		
Owner Phone:	(718) 946-4000		

Tracer Research
Tracer Research Corporation
1583 Livingston Ave, Unit 6
North Brunswick, NJ 08902

Bayside Fuel Oil, Sacket St Facility
Tanks A, B, C, D & E
1week Data - 29 August 2001

Probe #	Depth meters	Tank B Tracer A ug/L	Simulation Tracer C ug/L	Tanks A,C&E Tracer D ug/L	Tank D Tracer R ug/L	Hydrocarbons TVHC ug/L
1	4	0.0000	0.0000	0.0000	0.0000	0.0000
2	2	0.0000	0.0000	0.0000	0.0000	0.0000
3	4	0.0000	0.0000	0.0000	0.0000	0.0000
4	2	0.0000	0.0000	0.0000	0.0000	0.0000
5	4	0.0000	0.0000	0.0000	0.0000	0.0000
6	2	0.0000	0.0426	0.0000	0.0000	0.0000
7	4	0.0000	0.0000	0.0000	0.0000	0.0000
8	2	0.0000	0.0000	0.0000	0.0000	0.0000
9	4	0.0000	0.0000	0.0000	0.0000	0.0000
10	2	0.0000	0.0000	0.0000	0.0000	0.0000
11	4	0.0000	0.0000	0.0000	0.0000	0.0000
12	2	0.0000	0.0000	0.0000	0.0000	0.0000
13	4	0.0000	0.0000	0.0000	0.0000	0.0000
14	2	0.0000	0.0000	0.0000	0.0000	0.0000
15	4	0.0000	0.0000	0.0000	0.0000	0.0000
16	2	0.0000	0.0000	0.0000	0.0000	0.0000
17	4	0.0000	0.0000	0.0000	0.0000	0.0000
18	2	0.0000	0.0000	0.0000	0.0000	0.0000
19	4	0.0000	0.0000	0.0000	0.0000	0.0000
20	2	0.0000	0.0000	0.0000	0.0000	0.0000
21	4	0.0000	8.5855	0.0000	0.0000	0.0000
22	2	0.0000	0.5050	0.0000	0.0000	0.0000
23	4	0.0000	0.0000	0.0000	0.0000	0.0000
24	2	0.0000	0.0000	0.0000	0.0000	0.0000
25	4	0.0000	0.0000	0.0000	0.0000	0.0000
26	2	0.0000	0.0000	0.0000	0.0000	0.0000
27	4	0.0000	0.0000	0.0000	0.0000	0.0000
28	2	0.0000	0.0000	0.0000	0.0000	0.0000
29	4	0.0000	0.0000	0.0000	0.0000	0.0000
30	2	0.0000	0.0000	0.0000	0.0000	0.0000
31	4	0.0000	0.0000	0.0000	0.0000	0.0000
32	2	0.0000	0.0000	0.0000	0.0000	0.0000
33	4	0.0000	0.0000	0.0000	0.0000	0.0000
34	2	0.0000	0.0000	0.0000	0.0000	0.0000
35	4	0.0000	0.0000	0.0000	0.0000	0.0000
36	2	0.0000	0.0000	0.0000	0.0000	0.0000
37	4	0.0000	0.0000	0.0000	0.0000	0.0000
38	2	0.0000	0.0000	0.0000	0.0000	0.0000
39	4	0.0000	0.0000	0.0000	0.0000	0.0000
40	2	0.0000	0.0000	0.0000	0.0000	0.0000
41	4	0.0000	0.0000	0.0000	0.0000	0.0000
42	2	0.0000	0.0000	0.0000	0.0000	0.0000
43	4	0.0000	0.0000	0.0000	0.0000	0.0000
44	2	0.0000	0.0000	0.0000	0.0000	0.0000

*** TVHC = Total Volatile Hydrocarbons

Tracer Research
Tracer Research Corporation
1583 Livingston Ave, Unit 6
North Brunswick, NJ 08902

Bayside Fuel Oil, Sacket St Facility
Tanks A, B, C, D & E
4week Data - 20 September 2001

Probe #	Depth meters	Tank B Tracer A ug/L	Simulation Tracer C ug/L	Tanks A,C&E Tracer D ug/L	Tank D Tracer R ug/L	Hydrocarbons TVHC ug/L
1	4	0.0000	0.0000	0.0000	0.0000	0.0000
2	2	0.0000	0.0000	0.0000	0.0000	0.0000
3	4	0.0000	0.0000	0.0000	0.0000	0.0000
4	2	0.0000	0.0000	0.0000	0.0000	0.0000
5	4	0.0000	0.0000	0.0000	0.0000	0.0000
6	2	0.0000	0.0298	0.0000	0.0000	0.0000
7	4	0.0000	0.0000	0.0000	0.0000	0.0000
8	2	0.0000	0.0000	0.0000	0.0000	0.0000
9	4	0.0000	0.0000	0.0000	0.0000	0.0000
10	2	0.0000	0.0000	0.0000	0.0000	0.0000
11	4	0.0000	0.0000	0.0000	0.0000	0.0000
12	2	0.0000	0.0000	0.0000	0.0000	0.0000
13	4	0.0000	0.0000	0.0000	0.0000	0.0000
14	2	0.0000	0.0000	0.0000	0.0000	0.0000
15	4	0.0000	0.0000	0.0000	0.0000	0.0000
16	2	0.0000	0.0000	0.0000	0.0000	0.0000
17	4	0.0000	0.0000	0.0000	0.0000	0.0000
18	2	0.0000	0.0000	0.0000	0.0000	0.0000
19	4	0.0000	0.0000	0.0000	0.0000	0.0000
20	2	0.0000	0.0000	0.0000	0.0000	0.0000
21	4	0.0000	2.8530	0.0000	0.0000	0.0000
22	2	0.0000	0.0751	0.0000	0.0000	0.0000
23	4	0.0000	0.0000	0.0000	0.0000	0.0000
24	2	0.0000	0.0359	0.0000	0.0000	0.0000
25	4	0.0000	0.0000	0.0000	0.0000	0.0000
26	2	0.0000	0.0000	0.0000	0.0000	0.0000
27	4	0.0000	0.0000	0.0000	0.0000	0.0000
28	2	0.0000	0.0000	0.0000	0.0000	0.0000
29	4	0.0000	0.0000	0.0000	0.0000	0.0000
30	2	0.0000	0.0000	0.0000	0.0000	0.0000
31	4	0.0000	0.0000	0.0000	0.0000	0.0000
32	2	0.0000	0.0000	0.0000	0.0000	0.0000
33	4	0.0000	0.0000	0.0000	0.0000	0.0000
34	2	0.0000	0.0000	0.0000	0.0000	0.0000
35	4	0.0000	0.0000	0.0000	0.0000	0.0000
36	2	0.0000	0.0000	0.0000	0.0000	0.0000
37	4	0.0000	0.0000	0.0000	0.0000	0.0000
38	2	0.0000	0.0000	0.0000	0.0000	0.7680
39	4	0.0000	0.0000	0.0000	0.0000	0.0000
40	2	0.0000	0.0000	0.0000	0.0000	0.0000
41	4	0.0000	0.0000	0.0000	0.0000	0.0000
42	2	0.0000	0.0000	0.0000	0.0000	0.0000
43	4	0.0000	0.0000	0.0000	0.0000	0.0000
44	2	0.0000	0.0000	0.0000	0.0000	0.0000

*** TVHC = Total Volatile Hydrocarbons

APPENDIX C: Map of Storage Tanks with Sampling Locations

BAYSIDE FUEL OIL CORP (Continued) **U003074649**

Facility Phone:	(718) 946-7889		
Operator:	BAYSIDE FUEL OIL CORP		
Emergency Name:	VINCENT ALLEGRETTI		
Emergency Phone:	(917) 641-2052		
Total Tanks:	3		
Total Capacity:	825		
Tank ID:	014		
Capacity (Gal):	275		
Missing Data for Tank :	No data missing		
Tank Location:	ABOVEGROUND		
Product Stored:	LUBE OIL		
Tank Type:	Steel/carbon steel		
Install Date:	08/01/1985		
Tank Internal:	NONE		
Tank External:	NONE/NONE		
Tank Containment:	NONE/NONE		
Pipe Type:	STEEL/IRON		
Pipe Location:	Underground		
Pipe Internal:	NONE		
Pipe External:	NONE/NONE		
Leak Detection:	NONE/NONE		
Overfill Protection:	Product Level Gauge		
Dispenser Method:	Gravity		
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:	BAYSIDE FUEL OIL CORP		
Mailing Address:	1776 SHORE PARKWAY BROOKLYN, NY 11214		
Mailing Contact:	ANTHONY NATALE/OPER.MGR.		
Mailing Telephone:	(718) 372-9800		
Owner Mark:	First Owner	Expiration Date:	10/23/2002
Certification Flag:	False	Certification Date:	11/12/1997
Renew Flag:	False	Renew Date:	/ /
Lat/Long:	Not reported		
Dead Letter:	False		
Facility Screen:	Minor data missing		
Owner Screen:	No data missing		
Tank Screen:	No 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:	2-017574	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS Code:	6101
Federal ID:	Not reported	Previous PBS#:	Not reported
Facility Status:	4 - Subpart 360-14 only (active)		
Facility Type:	Not reported		
Owner Type:	Corporate/Commercial		
Owner Sub Type:	Not reported		
Owner:	BAYSIDE FUEL OIL CORP 1810 SHORE PARKWAY BROOKLYN, NY 11214		

BAYSIDE FUEL OIL CORP (Continued) **U003074649**

Owner Phone:	(718) 946-4000		
Facility Phone:	(718) 946-7889		
Operator:	BAYSIDE FUEL OIL CORP		
Emergency Name:	VINCENT ALLEGRETTI		
Emergency Phone:	(917) 641-2052		
Total Tanks:	3		
Total Capacity:	825		
Tank ID:	015		
Capacity (Gal):	275		
Missing Data for Tank :	No data missing		
Tank Location:	ABOVEGROUND		
Product Stored:	LUBE OIL		
Tank Type:	Steel/carbon steel		
Install Date:	08/01/1985		
Tank Internal:	NONE		
Tank External:	NONE/NONE		
Tank Containment:	NONE/NONE		
Pipe Type:	STEEL/IRON		
Pipe Location:	Underground		
Pipe Internal:	NONE		
Pipe External:	NONE/NONE		
Leak Detection:	NONE/NONE		
Overfill Protection:	None		
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:	BAYSIDE FUEL OIL CORP		
Mailing Address:	1776 SHORE PARKWAY BROOKLYN, NY 11214		
Mailing Contact:	ANTHONY NATALE/OPER.MGR.		
Mailing Telephone:	(718) 372-9800		
Owner Mark:	First Owner	Expiration Date:	10/23/2002
Certification Flag:	False	Certification Date:	11/12/1997
Renew Flag:	False	Renew Date:	/ /
Lat/Long:	Not reported		
Dead Letter:	False		
Facility Screen:	Minor data missing		
Owner Screen:	No data missing		
Tank Screen:	No 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:	2-017574	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS Code:	6101
Federal ID:	Not reported	Previous PBS#:	Not reported
Facility Status:	4 - Subpart 360-14 only (active)		
Facility Type:	Not reported		
Owner Type:	Corporate/Commercial		
Owner Sub Type:	Not reported		
Owner:	BAYSIDE FUEL OIL CORP 1810 SHORE PARKWAY		

BAYSIDE FUEL OIL CORP (Continued) **U003074649**

BROOKLYN, NY 11214
Owner Phone: (718) 946-4000
Facility Phone: (718) 946-7889
Operator: BAYSIDE FUEL OIL CORP
Emergency Name: VINCENT ALLEGRETTI
Emergency Phone: (917) 641-2052
Total Tanks: 3
Total Capacity: 825
Tank ID: 016
Capacity (Gal): 275
Missing Data for Tank : No data missing
Tank Location: ABOVEGROUND
Product Stored: USED OIL
Tank Type: Steel/carbon steel
Install Date: 08/01/1985
Tank Internal: NONE
Tank External: NONE/NONE
Tank Containment: NONE/NONE
Pipe Type: STEEL/IRON
Pipe Location: Underground
Pipe Internal: NONE
Pipe External: NONE/NONE
Leak Detection: NONE/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: BAYSIDE FUEL OIL CORP
Mailing Address: 1776 SHORE PARKWAY
BROOKLYN, NY 11214
Mailing Contact: ANTHONY NATALE/OPER.MGR.
Mailing Telephone: (718) 372-9800
Owner Mark: First Owner Expiration Date: 10/23/2002
Certification Flag: False Certification Date: 11/12/1997
Renew Flag: False Renew Date: / /
Lat/Long: Not reported
Dead Letter: False
Facility Screen: Minor data missing
Owner Screen: No data missing
Tank Screen: No 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

C20 **537 SACKETT STREET** **NY Spills** **S102147383**
ESE **537 SACKETT STREET** **N/A**
< 1/8 **BROOKLYN, NY**
402 ft.
Higher **Site 4 of 5 in cluster C**

SPILLS:
Spill Number: 9310522 Region of Spill: 2
Facility Contact: Not reported Facility Tele: Not reported
Investigator: TANG SWIS: 61

537 SACKETT STREET (Continued) **S102147383**

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
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	Not reported		
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:	11/30/1993		
Spill Cause:	Human Error	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Spill Notifier:	Other	PBS Number:	Not reported
Spill Date:	11/30/1993 14:15	Reported to Dept:	11/30/1993 14:21
Cleanup Ceased:	11/30/1993		
Last Inspection:	Not reported		

Cleanup Meets Standard: True
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: Not reported
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 12/01/1993
Date Region Sent Summary to Central Office: 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: 5
- Units: Gallons
- Unknown Qty Spilled: 5
- Quantity Recovered: 0
- Unknown Qty Recovered: False
- Material: #2 FUEL OIL
- Class Type: Petroleum
- Chem Abstract Service Number: #2 FUEL OIL
- Last Date: 12/07/1994
- Num Times Material Entry In File: 24464

Remarks: OVER ORDERED - SPILL CONTAINED ON SIDE WALK - SPILL TEAM ENROUTE.
DEC Remarks: Not reported

C21 **ADAMS BOOK CO. INC.** **UST U003764876**
ESE **537 SACKETT ST.** **N/A**
< 1/8 **BROOKLYN, NY 11217**
402 ft.
Higher **Site 5 of 5 in cluster C**

PBS UST:

PBS Number:	2-605467	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	ADAMS BOOK CO.INC		

ADAMS BOOK CO. INC. (Continued) **U003764876**

(800) 221-0909
Emergency Contact: JIM MATTHEWS
(718) 859-1391
Total Tanks: 0
Owner: ATS REALTY
283 NEVINS ST.
BROOKLYN, NY 11217
(718) 875-5464
Owner Type: Corporate/Commercial
Owner Mark: First Owner
Owner Subtype: Not reported
Mailing Address: ADAMS BOOK CO. INC
ATTN: JIM MATTHEWS
537 SACKETT ST
BROOKLYN, NY 11210
(718) 875-5464
Tank Status: Closed - In Place
Capacity (gals): 7000
Tank Location: UNDERGROUND
Tank Id: 001
Tank Type: Steel/carbon steel
Tank Internal: NONE
Pipe Location: Underground
Tank External: NONE
Missing Data for Tank: No Missing Data
Pipe External: NONE
Second Containment: NONE
Leak Detection: NONE
Overfill Prot: Vent Whistle
Date Tested: 04/27/2001
Date Closed: 05/01/2001
Deleted: False
Dead Letter: False
FAMT: Fiscal amount for registration fee is correct
Total Capacity: 0
Tank Screen: 0
Renew Flag: Renwal has not been printed
Certification Flag: False
Old PBS Number: Not reported
Inspected Date: Not reported
Inspection Result: Not reported
Lat/long: Not reported
Facility Type: UTILITY
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 61
Region: 2

Install Date: Not reported
Product Stored: NOS 1,2, OR 4 FUEL OIL
Pipe Internal: NONE
Pipe Type: STEEL/IRON

Dispenser: Suction
Next Test Date: Not reported
Test Method: 21
Updated: True
Owner Screen: No data missing

Renewal Date: Not reported
Federal ID: Not reported
Facility Screen: No data missing
Certification Date: 04/02/2001
Expiration Date: 03/23/2006
Inspector: Not reported

E22 **GOWANUS PUMPING STATION** **NY Spills** **S102145094**
North **201 DOUGLAS ST/GOWANUS** **N/A**
< 1/8 **NEW YORK CITY, NY**
441 ft.
Higher **Site 1 of 3 in cluster E**

SPILLS:
Spill Number: 8803651
Facility Contact: Not reported
Investigator: CANZIANI
Caller Name: Not reported

Region of Spill: 2
Facility Tele: Not reported
SWIS: 61
Caller Agency: Not reported

GOWANUS PUMPING STATION (Continued) **S102145094**

Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller: NYCDEP
Spiller Address: Not reported
Spill Class: Not reported
Spill Closed Dt: 07/27/1988
Spill Cause: Equipment Failure
Resource Affected: Surface Water
Water Affected: GOWANUS CANAL
Spill Source: Other Non Commercial/Industrial
Spill Notifier: Responsible Party
PBS Number: Not reported
Spill Date: 07/27/1988 09:15
Reported to Dept: 07/27/1988 13:25
Cleanup Ceased: 07/27/1988
Last Inspection: Not reported
Cleanup Meets Standard: True
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: Not reported
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 08/02/1988
Date Region Sent Summary to Central Office: 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: 3
Quantity Spilled: -1
Units: Not reported
Unknown Qty Spilled: -1
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: RAW SEWAGE
Class Type: Non Pet/Non Haz
Chem Abstract Service Number: RAW SEWAGE
Last Date: 07/28/1994
Num Times Material Entry In File: 1993
Remarks: Not reported
DEC Remarks: Not reported

23
SSE
< 1/8
445 ft.
Higher

NICKS UNION NEVINS SER. STA. CORP.
301 NEVINS STREET
BROOKLYN, NY 11217

UST U003128182
N/A

PBS UST:
PBS Number: 2-452483
CBS Number: Not reported
SPDES Number: Not reported
SWIS ID: 6101
Operator: NICHOLAS S.CONIGLIO
(718) 625-8667
Emergency Contact: NICHOLAS S. CONIGLIO

NICKS UNION NEVINS SER. STA. CORP. (Continued) **U003128182**

	(718) 494-6669		
Total Tanks:	4		
Owner:	NICHOLAS S. CONIGLIO 37 UXBRIDGE STREET STATEN ISLAND, NY 10314 (718) 494-6669		
Owner Type:	Private Resident		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	NICHOLAS S. CONIGLIO 37 UXBRIDGE STREET STATEN ISLAND, NY 10314 (718) 494-6669		
Tank Status:	Temporarily Out of Service		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	OTHER
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	Not reported	Pipe Type:	Not reported
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	NONE		
Leak Detection:	NONE		
Overfill Prot:	3	Dispenser:	Gravity
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
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	2200	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	06/12/1998
Old PBS Number:	Not reported	Expiration Date:	08/23/2003
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	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		
PBS Number:	2-452483	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	NICHOLAS S.CONIGLIO (718) 625-8667		
Emergency Contact:	NICHOLAS S. CONIGLIO (718) 494-6669		
Total Tanks:	4		
Owner:	NICHOLAS S. CONIGLIO 37 UXBRIDGE STREET STATEN ISLAND, NY 10314 (718) 494-6669		
Owner Type:	Private Resident		

NICKS UNION NEVINS SER. STA. CORP. (Continued) **U003128182**

Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	NICHOLAS S. CONIGLIO 37 UXBRIDGE STREET STATEN ISLAND, NY 10314 (718) 494-6669		
Tank Status:	Temporarily Out of Service		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	002	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	OTHER
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	Not reported	Pipe Type:	Not reported
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	NONE		
Leak Detection:	NONE		
Overfill Prot:	3	Dispenser:	Gravity
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
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	2200	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	06/12/1998
Old PBS Number:	Not reported	Expiration Date:	08/23/2003
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	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		
PBS Number:	2-452483	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	NICHOLAS S.CONIGLIO (718) 625-8667		
Emergency Contact:	NICHOLAS S. CONIGLIO (718) 494-6669		
Total Tanks:	4		
Owner:	NICHOLAS S. CONIGLIO 37 UXBRIDGE STREET STATEN ISLAND, NY 10314 (718) 494-6669		
Owner Type:	Private Resident		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	NICHOLAS S. CONIGLIO 37 UXBRIDGE STREET STATEN ISLAND, NY 10314 (718) 494-6669		
Tank Status:	Temporarily Out of Service		

NICKS UNION NEVINS SER. STA. CORP. (Continued) **U003128182**

Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	003	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	OTHER
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	Not reported	Pipe Type:	Not reported
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	NONE		
Leak Detection:	NONE		
Overfill Prot:	3	Dispenser:	Gravity
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
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	2200	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	06/12/1998
Old PBS Number:	Not reported	Expiration Date:	08/23/2003
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	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		
PBS Number:	2-452483	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	NICHOLAS S.CONIGLIO (718) 625-8667		
Emergency Contact:	NICHOLAS S. CONIGLIO (718) 494-6669		
Total Tanks:	4		
Owner:	NICHOLAS S. CONIGLIO 37 UXBRIDGE STREET STATEN ISLAND, NY 10314 (718) 494-6669		
Owner Type:	Private Resident		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	NICHOLAS S. CONIGLIO 37 UXBRIDGE STREET STATEN ISLAND, NY 10314 (718) 494-6669		
Tank Status:	Temporarily Out of Service		
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:	Not reported	Pipe Type:	Not reported
Tank External:	Not reported		

NICKS UNION NEVINS SER. STA. CORP. (Continued) **U003128182**

Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	NONE		
Leak Detection:	NONE		
Overfill Prot:	3	Dispenser:	Gravity
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
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	2200	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	06/12/1998
Old PBS Number:	Not reported	Expiration Date:	08/23/2003
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	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		

F24 **FULTON MUNICIPAL GAS CO.** **Coal Gas** **G000000435**
East **263 NEVINS ST.** **N/A**
< 1/8 **BROOKLYN, NY 11217**
463 ft.
Higher **Site 1 of 2 in cluster F**

COAL GAS SITE DESCRIPTION:
Site is on the western half of two blocks on Nevins St. between Douglass St. and Sackett St. Site includes the block between Sackett St. and Degraw St. west of Nevins St., ending at the Gowanus Canal. Site later called Brooklyn Union Gas Co. (C13) Site is a CERCLIS Site I.D. #NYD980531982. CERCLIS address is poor.

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F25 **NEVINS STREET, DEGRAW STR** **NY Spills** **S102144418**
East **NEVINS ST/ DEGRAW ST.** **N/A**
< 1/8 **BROOKLYN, NY**
463 ft.
Higher **Site 2 of 2 in cluster F**

SPILLS:

Spill Number:	8607778	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
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
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	NYCDEP - CASE # 964		
Spiller Address:	Not reported		
Spill Class:	Not reported		
Spill Closed Dt:	03/20/1987		
Spill Cause:	Equipment Failure	Resource Affected:	Surface Water
Water Affected:	GOWANIS CANAL	Spill Source:	Other Non Commercial/Industrial

NEVINS STREET, DEGRAW STR (Continued) **S102144418**

Spill Notifier: Responsible Party
Spill Date: 03/19/1987 16:00
Cleanup Ceased: 03/20/1987
Last Inspection: Not reported
Cleanup Meets Standard: True
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: Not reported
Is Updated: False
PBS Number: Not reported
Reported to Dept: 03/20/1987 15:20
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 04/03/1987
Date Region Sent Summary to Central Office: 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: 3
Quantity Spilled: -1
Units: Not reported
Unknown Qty Spilled: -1
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: RAW SEWAGE
Class Type: Non Pet/Non Haz
Chem Abstract Service Number: RAW SEWAGE
Last Date: 07/28/1994
Num Times Material Entry In File: 1993
Remarks: REGULATOR WAS FOUND CLOSED. GATE WAS RE-OPENED 03/20/87 @ 1100 HRS.
DEC Remarks: Not reported

D26 **259 BOND STREET** **UST U003712137**
NNW **259 BOND STREET** **N/A**
< 1/8 **BROOKLYN, NY 112**
464 ft.
Higher **Site 2 of 2 in cluster D**

PBS UST:
PBS Number: 2-604303
SPDES Number: Not reported
Operator: MIDWOOD MANAGEMENT
(212) 682-9595
Emergency Contact: PAUL MANDEL
(212) 682-9595
Total Tanks: 0
Owner: S.USDAN C/O MIDWOOD MANAGEMENT CORP
60 EAST 42ND STREET, SUITE 1814
NEW YORK, NY 10165
(212) 682-9595
Owner Type: Corporate/Commercial
Owner Mark: First Owner
Owner Subtype: Not reported
Mailing Address: MIDWOOD MANAGEMENT CORP
CBS Number: Not reported
SWIS ID: 6101

259 BOND STREET (Continued) **U003712137**

ATTN: PAUL MANDEL
60 EAST 42ND STREET, SUITE 1814
NEW YORK, NY 10165
(212) 682-9595

Tank Status:	Closed - In Place		
Capacity (gals):	2500		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Internal:	NONE	Pipe Internal:	Not reported
Pipe Location:	Underground	Pipe Type:	STEEL/IRON
Tank External:	NONE/NONE		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	Not reported		
Leak Detection:	Not reported		
Overfill Prot:	Not reported	Dispenser:	Not reported
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	04/01/1999	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:	Renwal has not been printed	Facility Screen:	Major data missing
Certification Flag:	False	Certification Date:	Not reported
Old PBS Number:	Not reported	Expiration Date:	11/23/2004
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		

27
ENE
< 1/8
495 ft.
Higher

DOUGLAS & DEGRAW **CBS AST** **S102639135**
NEVINS ST, DOUGLAS ST., 3 AVE **N/A**
BROOKLYN, NY 11215

CBS AST:

CBS Number:	2-000136	Telephone:	(718) 625-3268
Owner:	N.Y.C. DEPT. OF PARKS & RECREATION		
	95 PROSPECT PARK W.		
	BROOKLYN, NY 11215		
	(718) 965-8900		
Facility Status:	Active		
Total Tanks	1		
Tank Status:	In Service		
Tank Error Status:	No Missing Data		
Tank Location:	Aboveground on crib, rack or cradle		
Install Date:	06/85		
Capacity (Gal):	500		
Tank Type:	Plastic		
Substance:	Single Hazardous Substance on DEC List		
Extrnl Protection:	None/Other		
Intrnl Protection:	Other		

DOUGLAS & DEGRAW (Continued) **S102639135**

Tank Containment:	Vault (w/access)		
Pipe Type:	PLASTIC	Pipe Location:	Underground
Pipe Internal:	Other		
Pipe External:	None/Other		
Pipe Containment:	None/None	Haz Percent:	15
Leak Detection:	None/Groundwater Well		
Overfill Protection:	5/5		
Chemical:	Chlorine	Tank Closed:	Not reported
PBS Number:	Not reported	SWIS Code:	6101
Federal ID:	Not reported		
MOSF Number:	Not reported	CAS Number:	7782505
SPDES Number:	Not reported	ICS Number:	2-700512
Facility Type:	Municipality		
Operator:	MIKE LETT	Facility Town:	NEW YORK CITY
Emrgncy Contact:	BROOKLYN PARKS H.Q.	Emrgncy Phone:	(718) 965-8955
Certified Date:	08/13/1997	Expiration Date:	12/08/1999
Owner type:	Local Government		
Owner Sub Type:	Not reported		
Mail Name:	N.Y.C. DEPT. PARKS & RECREATION		
Mail Contact:	BROOKLYN PARKS H.Q. 95 PROSPECT PARK W. BROOKLYN, NY 11215		
Mail Phone:	(718) 965-8900		
Tank Secret:	False	Date Entered:	07/19/1989 08:22:50
Last Test:	Not reported	Due Date:	Not reported
Pipe Flag:	False	Owner Mark:	1
Renew Date:	09/29/93	Date Expired:	12/08/91
Is it There:	False	Is Updated:	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):	500
Unique Tank Id Number:	001
Date Pre-Printed Renewal App Form Was Last Printed:	09/06/2001

G28 **NEW YORK TELEPHONE CO** **RCRIS-SQG 1000791295**
SSE **318 NEVINS ST** **FINDS NYD987028016**
< 1/8 **BROOKLYN, NY 11215**
527 ft.
Higher **Site 1 of 6 in cluster G**

RCRIS:
Owner: BANKERS LIFE CO
(212) 555-1212
EPA ID: NYD987028016
Contact: FRED SMITH
(718) 726-9909
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

NEW YORK TELEPHONE CO (Continued) **1000791295**

Violation Status: No violations found

NY MANIFEST
Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

G29 **318 NEVINS ST.** **NY Spills** **S102147850**
SSE **318 NEVINS ST.** **N/A**
< 1/8 **BROOKLYN, NY**
527 ft.
Higher **Site 2 of 6 in cluster G**

SPILLS:

Spill Number:	9314103	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	M. 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
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	UNK		
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:	Not reported		
Spill Cause:	Unknown	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Spill Notifier:	Other	PBS Number:	Not reported
Spill Date:	03/02/1994 13:00	Reported to Dept:	03/02/1994 14:15
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported		

Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: Not reported
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 03/03/1994
Date Region Sent Summary to Central Office: 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

318 NEVINS ST. (Continued) **S102147850**

Quantity Recovered: 0
Unknown Qty Recovered: False
Material: GASOLINE
Class Type: Petroleum
Chem Abstract Service Number: GASOLINE
Last Date: 09/29/1994
Num Times Material Entry In File: 21329
Remark: LOOKS TO BE PROBLEM WITH FILL BOX SPILL ON GRAVED AT FILL AREA - TO VAC UP DO FOLLOW UP CLEAN UP.
DEC Remarks: Not reported

G30 **318 NEVINS STREET** **NY Spills** **S100667928**
SSE **318 NEVINS STREET** **N/A**
< 1/8 **BROOKLYN, NY**
527 ft.
Higher **Site 3 of 6 in cluster G**

SPILLS:
Spill Number: 9208840
Facility Contact: Not reported
Investigator: TANG
Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
Spiller Contact: Not reported
Spiller: Not reported
Spiller Address: Not reported
Region of Spill: 2
Facility Tele: Not reported
SWIS: 61
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Spiller Phone: Not reported
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 10/30/1992
Spill Cause: Other
Water Affected: GOWANUS CANAL
Spill Notifier: Responsible Party
Spill Date: 10/30/1992 14:45
Resource Affected: Surface Water
Spill Source: Other Commercial/Industrial
PBS Number: Not reported
Reported to Dept: 10/30/1992 16:20
Cleanup Ceased: 10/30/1992
Last Inspection: Not reported
Cleanup Meets Standard: True
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: Not reported
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 11/04/1992
Date Region Sent Summary to Central Office: 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: 2
Units: Gallons

318 NEVINS STREET (Continued) **S100667928**

Unknown Qty Spilled: 2
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: WASTE OIL
Class Type: Petroleum
Chem Abstract Service Number: WASTE OIL
Last Date: 09/27/1994
Num Times Material Entry In File: 9509
Remark: OCURRED WHILE TESTING OIL WATER SEPERATION DRAIN SYSTEM OIL WENT TO BOOM DELAYED SINCE YESTERDAY,MECHANICAL PROBLEM HAS FIXED PROBLEM NO MORE LEA K ONLY 2 GALS
DEC Remarks: Not reported

This is the most recent NY SPILLS record for this site.
The NY SPILLS database contains 1 additional record for this site.
Please contact your EDR Account Executive for more information.

G31 **318 NEVINS ST** **ERNS 92290178**
SSE **318 NEVINS ST** **N/A**
< 1/8 **BROOKLYN, NY 11201**
527 ft.
Higher **Site 4 of 6 in cluster G**

G32 **BELL ATLANTIC** **UST U003074735**
SSE **318 NEVINS STREET** **AST N/A**
< 1/8 **BROOKLYN, NY 11215**
527 ft.
Higher **Site 5 of 6 in cluster G**

PBS UST:

PBS Number:	2-344265	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	BELL ATLANTIC (800) 339-6144		
Emergency Contact:	BELL ATLANTIC (800) 386-9639		
Total Tanks:	3		
Owner:	NEW YORK TELEPHONE 221 EAST 37TH STREET, 4TH FLOOR NEW YORK, NY 10016 (800) 339-6144		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	New York Telephone		
Mailing Address:	BELL ATLANTIC ATTN: KATHLEEN TOBIN 221 EAST 37TH STREET, 4TH FLOOR NEW YORK, NY 10016 (212) 338-6731		
Tank Status:	In Service		
Capacity (gals):	4000		
Tank Location:	UNDERGROUND		
Tank Id:	004	Install Date:	12/01/1988
Tank Type:	Fiberglass coated steel	Product Stored:	UNLEADED GASOLINE
Tank Internal:	NONE	Pipe Internal:	FIBERGLASS LINER [FRP]
Pipe Location:	Underground	Pipe Type:	FIBERGLASS [FRP]
Tank External:	NONE/FIBERGLASS		
Missing Data for Tank:	No Missing Data		

BELL ATLANTIC (Continued) **U003074735**

Pipe External:	NONE/FIBERGLASS		
Second Containment:	NONE/DOUBLED-WALLED TANK		
Leak Detection:	INTERSTITIAL MONITORING/IN-TANK SYSTEM		
Overfill Prot:	High Level Alarm, Catch Basin	Dispenser:	Suction
Date Tested:	09/01/1993	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	PETRO-TITE
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	8275	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	01/28/1998
Old PBS Number:	Not reported	Expiration Date:	12/14/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	UTILITY		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		
PBS Number:	2-344265	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	BELL ATLANTIC (800) 339-6144		
Emergency Contact:	BELL ATLANTIC (800) 386-9639		
Total Tanks:	3		
Owner:	NEW YORK TELEPHONE 221 EAST 37TH STREET, 4TH FLOOR NEW YORK, NY 10016 (800) 339-6144		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	New York Telephone		
Mailing Address:	BELL ATLANTIC ATTN: KATHLEEN TOBIN 221 EAST 37TH STREET, 4TH FLOOR NEW YORK, NY 10016 (212) 338-6731		
Tank Status:	Closed - In Place		
Capacity (gals):	280		
Tank Location:	UNDERGROUND		
Tank Id:	005	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	OTHER
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	Not reported	Pipe Type:	Not reported
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	Not reported		
Leak Detection:	Not reported		
Overfill Prot:	Not reported	Dispenser:	Not reported
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	05/01/1993	Test Method:	Not reported

BELL ATLANTIC (Continued) **U003074735**

Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	8275	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	01/28/1998
Old PBS Number:	Not reported	Expiration Date:	12/14/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	UTILITY		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		
PBS Number:	2-344265	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	BELL ATLANTIC (800) 339-6144		
Emergency Contact:	BELL ATLANTIC (800) 386-9639		
Total Tanks:	3		
Owner:	NEW YORK TELEPHONE 221 EAST 37TH STREET, 4TH FLOOR NEW YORK, NY 10016 (800) 339-6144		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	New York Telephone		
Mailing Address:	BELL ATLANTIC ATTN: KATHLEEN TOBIN 221 EAST 37TH STREET, 4TH FLOOR NEW YORK, NY 10016 (212) 338-6731		
Tank Status:	In Service		
Capacity (gals):	4000		
Tank Location:	UNDERGROUND		
Tank Id:	006	Install Date:	08/01/1993
Tank Type:	Concrete	Product Stored:	DIESEL
Tank Internal:	FIBERGLASS LINER [FRP]	Pipe Internal:	FIBERGLASS LINER [FRP]
Pipe Location:	Underground	Pipe Type:	FIBERGLASS [FRP]
Tank External:	NONE/FIBERGLASS		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE/FIBERGLASS		
Second Containment:	NONE/DOUBLED-WALLED TANK		
Leak Detection:	INTERSTITIAL MONITORING/IN-TANK SYSTEM		
Overfill Prot:	High Level Alarm, Catch Basin	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
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	8275	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing

BELL ATLANTIC (Continued) **U003074735**

Certification Flag:	False	Certification Date:	01/28/1998
Old PBS Number:	Not reported	Expiration Date:	12/14/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	UTILITY		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		
PBS Number:	2-344265	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	BELL ATLANTIC (800) 339-6144		
Emergency Contact:	BELL ATLANTIC (800) 386-9639		
Total Tanks:	3		
Owner:	NEW YORK TELEPHONE 221 EAST 37TH STREET, 4TH FLOOR NEW YORK, NY 10016 (800) 339-6144		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	New York Telephone		
Mailing Address:	BELL ATLANTIC ATTN: KATHLEEN TOBIN 221 EAST 37TH STREET, 4TH FLOOR NEW YORK, NY 10016 (212) 338-6731		
Tank Status:	Closed - In Place		
Capacity (gals):	2000		
Tank Location:	UNDERGROUND		
Tank Id:	001	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
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:	05/01/1989	Next Test Date:	Not reported
Date Closed:	05/01/1993	Test Method:	PETRO-TITE
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	8275	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	01/28/1998
Old PBS Number:	Not reported	Expiration Date:	12/14/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	UTILITY		

BELL ATLANTIC (Continued) **U003074735**

Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		
PBS Number:	2-344265	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	BELL ATLANTIC (800) 339-6144		
Emergency Contact:	BELL ATLANTIC (800) 386-9639		
Total Tanks:	3		
Owner:	NEW YORK TELEPHONE 221 EAST 37TH STREET, 4TH FLOOR NEW YORK, NY 10016 (800) 339-6144		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	New York Telephone		
Mailing Address:	BELL ATLANTIC ATTN: KATHLEEN TOBIN 221 EAST 37TH STREET, 4TH FLOOR NEW YORK, NY 10016 (212) 338-6731		
Tank Status:	Closed - In Place		
Capacity (gals):	2000		
Tank Location:	UNDERGROUND		
Tank Id:	003	Install Date:	09/01/1993
Tank Type:	Steel/carbon steel	Product Stored:	DIESEL
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:	06/01/1989	Next Test Date:	Not reported
Date Closed:	09/01/1993	Test Method:	PETRO-TITE
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	8275	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	01/28/1998
Old PBS Number:	Not reported	Expiration Date:	12/14/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	UTILITY		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		

PBS AST:

PBS Number:	2-344265	CBS Number:	Not reported

BELL ATLANTIC (Continued) **U003074735**

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:	UTILITY		
Owner Type:	Corporate/Commercial		
Owner Sub Type:	New York Telephone		
Owner:	NEW YORK TELEPHONE 221 EAST 37TH STREET, 4TH FLOOR NEW YORK, NY 10016		
Owner Phone:	(800) 339-6144		
Facility Phone:	(800) 339-6144		
Operator:	BELL ATLANTIC		
Emergency Name:	BELL ATLANTIC		
Emergency Phone:	(800) 386-9639		
Total Tanks:	3		
Total Capacity:	8275		
Tank ID:	007		
Capacity (Gal):	275		
Missing Data for Tank :	Minor data missing		
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE		
Product Stored:	USED OIL		
Tank Type:	Steel/carbon steel		
Install Date:	09/01/1993		
Tank Internal:	NONE		
Tank External:	NONE/PAINTED/ASPHALT COATING		
Tank Containment:	NONE/DOUBLED-WALLED TANK		
Pipe Type:	NONE		
Pipe Location:	None		
Pipe Internal:	NONE		
Pipe External:	NONE/NONE		
Leak Detection:	NONE/NONE		
Overfill Protection:	Product Level Gauge, Catch Basin		
Dispenser Method:	Not reported		
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:	BELL ATLANTIC		
Mailing Address:	221 EAST 37TH STREET, 4TH FLOOR NEW YORK, NY 10016		
Mailing Contact:	KATHLEEN TOBIN		
Mailing Telephone:	(212) 338-6731		
Owner Mark:	First Owner	Expiration Date:	12/14/2002
Certification Flag:	False	Certification Date:	01/28/1998
Renew Flag:	False	Renew Date:	/ /
Lat/Long:	Not reported		
Dead Letter:	False		
Facility Screen:	No data missing		
Owner Screen:	No 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

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
G33 / SSE / < 1/8 / 532 ft. / Higher	NEVIN ST GARAGE 318 NEVIN ST BROOKLYN, NY **Site 6 of 6 in cluster G**	NY Spills	S103274088 N/A

SPILLS:

Spill Number:	9801467	Region of Spill:	2
Facility Contact:	ABOVE NOTIFIER	Facility Tele:	Not reported
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
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	BELL ATLANTIC		
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:	05/05/1998		
Spill Cause:	Equipment Failure	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Commercial Vehicle
Spill Notifier:	Responsible Party	PBS Number:	Not reported
Spill Date:	05/04/1998 12:30	Reported to Dept:	05/04/1998 12:38
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported		
Cleanup Meets Standard:	False		
Recommended Penalty:	Penalty Not Recommended		
Spiller Cleanup Date:	Not reported		
Enforcement Date:	Not reported		
Investigation Complete:	Not reported		
UST Involvement:	False		
Spill Record Last Update:	05/22/1998		
Is Updated:	False		
Corrective Action Plan Submitted:	Not reported		
Date Spill Entered In Computer Data File:	05/04/1998		
Date Region Sent Summary to Central Office:	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:	0
Units:	Gallons
Unknown Qty Spilled:	No
Quantity Recovered:	0
Unknown Qty Recovered:	False
Material:	DIESEL
Class Type:	Petroleum
Chem Abstract Service Number:	DIESEL
Last Date:	07/28/1994
Num Times Material Entry In File:	10625

Remark: spill to pavement - spill contained - cleanup crew enroute - unk cause f rom a veh

DEC Remarks: CLEANED BY RP.

H34 **A & A BRAKE CO INC** **UST** **U003740198**
ESE **560 SACKETT ST.** **N/A**
< 1/8 **BROOKLYN, NY 11217**
535 ft.
Higher **Site 1 of 2 in cluster H**

PBS UST:

PBS Number:	2-604492	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	GERALD P. ABATOMARCO (718) 624-4488		
Emergency Contact:	GERALD P. ABATOMARCO (718) 624-4488		
Total Tanks:	1		
Owner:	GERALD P. ABATOMARCO 560 SACKETT ST. BROOKLYN, NY 11217 (718) 624-4488		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	GERALD P. ABATOMARCO ATTN: GERALD P. ABATOMARCO 560 SACKETT ST. BROOKLYN, NY 11217 (718) 624-4488		
Tank Status:	In Service		
Capacity (gals):	275		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	USED OIL
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	Aboveground	Pipe Type:	GALVANIZED STEEL
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	NONE		
Second Containment:	Not reported		
Leak Detection:	Not reported		
Overfill Prot:	Catch Basin	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
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	275	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	05/26/2000
Old PBS Number:	Not reported	Expiration Date:	05/04/2005
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	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		

H35
ESE
< 1/8
542 ft.
Higher

AUTO BODY CONCEPTS DBA ABC COLLISION
549 SACKETT ST
BROOKLYN, NY 11217

RCRIS-SQG **1000555866**
FINDS **NYD986984136**

Site 2 of 2 in cluster H

RCRIS:
Owner: ANTHONY DIMONDA
(212) 555-1212
EPA ID: NYD986984136
Contact: ANTHONY DIMONDA
(718) 522-3111
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

NY MANIFEST
Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

E36
NNE
< 1/8
545 ft.
Higher

NYCDEP - GOWANUS PUMPING STATION
201 DOUGLASS ST
BROOKLYN, NY 11217

RCRIS-SQG **1000153815**
FINDS **NYD982728602**
UST
NY Spills

Site 2 of 3 in cluster E

RCRIS:
Owner: NYC DEP
(718) 444-3224
EPA ID: NYD982728602
Contact: JOHN RUSSO
(718) 444-3224
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

SPILLS:

Spill Number:	9602974	Region of Spill:	2
Facility Contact:	MICHAEL KOWALSKI	Facility Tele:	(718) 372-7193
Investigator:	MULQUEEN - SPEDES	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
Spiller Contact:	MICHAEL KOWALSKI	Spiller Phone:	(718) 372-7193
Spiller:	GOWANUS PUMPING STATION		
Spiller Address:	201 DOUGLASS ST		

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

BROOKLYN, NY
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 12/31/1997
Spill Cause: Equipment Failure
Water Affected: GOWANUS CANAL
Spill Notifier: Responsible Party
Spill Date: 05/31/1996 16:00
Cleanup Ceased: Not reported
Last Inspection: Not reported
Resource Affected: Surface Water
Spill Source: Other Commercial/Industrial
PBS Number: Not reported
Reported to Dept: 06/01/1996 09:30
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 01/06/1998
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 06/01/1996
Date Region Sent Summary to Central Office: 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: 3
Quantity Spilled: 7990000
Units: Gallons
Unknown Qty Spilled: 7990000
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: RAW SEWAGE
Class Type: Non Pet/Non Haz
Chem Abstract Service Number: RAW SEWAGE
Last Date: 07/28/1994
Num Times Material Entry In File: 1993
Remarks: pump failure caused spill
DEC Remarks: Not reported

This is the most recent NY SPILLS record for this site.
The NY SPILLS database contains 1 additional record for this site.
Please contact your EDR Account Executive for more information.

PBS UST:
PBS Number: 2-456217
SPDES Number: Not reported
Operator: NYCDEP
(718) 965-2836
Emergency Contact: GEORGE SEPHIC
(718) 326-2906
Total Tanks: 2
Owner: NEW YORK CITY DEPT. OF ENVIRONMENTAL PROTECTION
59-17 JUNCTION BOULEVARD
CORONA, NY 11368
CBS Number: Not reported
SWIS ID: 6101

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

59-17 JUNCTION BOULEVARD
CORONA, NY 11368
(718) 595-4385

Tank Status:	In Service		
Capacity (gals):	1500		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	DIESEL
Tank Internal:	EPOXY LINER	Pipe Internal:	Not reported
Pipe Location:	Above/Underground Combination	Pipe Type:	STEEL/IRON
Tank External:	SACRIFICIAL ANODE		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	FIBERGLASS		
Second Containment:	SYNTHETIC LINER		
Leak Detection:	IN-TANK SYSTEM		
Overfill Prot:	High Level Alarm	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	12/27/1987
Date Closed:	Not reported	Test Method:	TANKOLOGY [VACUTECT]
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	3000	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	07/02/1999
Old PBS Number:	Not reported	Expiration Date:	12/06/2003
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	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		
PBS Number:	2-456217	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	NYCDEP (718) 965-2836		
Emergency Contact:	GEORGE SEPHIC (718) 326-2906		
Total Tanks:	2		
Owner:	NEW YORK CITY DEPT. OF ENVIRONMENTAL PROTECTION 59-17 JUNCTION BOULEVARD CORONA, NY 11368 (718) 595-4385		
Owner Type:	Local Government		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	NEW YORK CITY DEPT. OF ENVIRONMENTAL PROTECTION ATTN: ROSEMARIC SUBASIC 59-17 JUNCTION BOULEVARD CORONA, NY 11368 (718) 595-4385		
Tank Status:	In Service		
Capacity (gals):	1500		
Tank Location:	UNDERGROUND		

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

Tank Id:	002	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	DIESEL
Tank Internal:	EPOXY LINER	Pipe Internal:	Not reported
Pipe Location:	Above/Underground Combination	Pipe Type:	STEEL/IRON
Tank External:	SACRIFICIAL ANODE		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	FIBERGLASS		
Second Containment:	SYNTHETIC LINER		
Leak Detection:	IN-TANK SYSTEM		
Overfill Prot:	High Level Alarm	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	12/27/1987
Date Closed:	Not reported	Test Method:	TANKOLOGY [VACUTECT]
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	3000	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	07/02/1999
Old PBS Number:	Not reported	Expiration Date:	12/06/2003
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	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		

E37
NNE
< 1/8
545 ft.
Higher

201 DOUGLAS ST, BROOKLYN, **NY Spills** **S102240139**
201 DOUGLAS ST **N/A**
BROOKLYN, NY

Site 3 of 3 in cluster E

SPILLS:

Spill Number:	8606864	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
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
Spiller Contact:	Not reported	Spiller Phone:	(625) 175-7718
Spiller:	GUANIS PUMPING STAT		
Spiller Address:	Not reported		
Spill Class:	Not reported		
Spill Closed Dt:	02/09/1987		
Spill Cause:	Equipment Failure	Resource Affected:	Surface Water
Water Affected:	GUANIS CANAL	Spill Source:	Other Non Commercial/Industrial
Spill Notifier:	Responsible Party	PBS Number:	Not reported
Spill Date:	02/07/1987 09:00	Reported to Dept:	02/09/1987 11:42
Cleanup Ceased:	02/09/1987		
Last Inspection:	Not reported		
Cleanup Meets Standard:	True		
Recommended Penalty:	Penalty Not Recommended		
Spiller Cleanup Date:	Not reported		
Enforcement Date:	Not reported		
Investigation Complete:	Not reported		

201 DOUGLAS ST, BROOKLYN, (Continued) **S102240139**

UST Involvement: False
Spill Record Last Update: Not reported
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 03/16/1987
Date Region Sent Summary to Central Office: 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: Not reported
Quantity Spilled: Not reported
Units: Not reported
Unknown Qty Spilled: Not reported
Quantity Recovered: Not reported
Unknown Qty Recovered: Not reported
Material: Not reported
Class Type: Not reported
Chem Abstract Service Number: Not reported
Last Date: Not reported
Num Times Material Entry In File: Not reported
Remark: ITEM 945; MAIN INTERUPTION AT MAIN SEWAGE PUMP FAILED. NOTIFIED BY WARRE N YAO, DEP, 212-860-9302
DEC Remarks: 10/10/95: This is additional information about material spilled from th e translation of the old spill file: 3 MGD RELEASED

38
North
< 1/8
545 ft.
Higher

O-Z GEDNEY
262 BOND ST
BROOKLYN, NY 11217

RCRIS-SQG **1000115937**
FINDS **NYD066086547**

RCRIS:
Owner: GENERAL SIGNAL
(203) 357-8800
EPA ID: NYD066086547
Contact: BEN HUAMANI
(718) 624-4200
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: Not reported
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 06/25/1985
Actual Date Achieved Compliance: 12/12/1985

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 11/01/1985
Penalty Type: Not reported

O-Z GEDNEY (Continued) **1000115937**

There are 1 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19851212

NY MANIFEST
Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

I39 **TM 939** **NY Spills** **S105058480**
WSW **PRESIDENT ST/BOND ST** **N/A**
< 1/8 **BROOKLYN, NY**
593 ft.
Higher **Site 1 of 3 in cluster I**

SPILLS:

Spill Number:	0103442	Region of Spill:	2
Facility Contact:	CALLER	Facility Tele:	( ) -
Investigator:	O'CONNELL	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
Spiller Contact:	UNK	Spiller Phone:	(000) 000-0000
Spiller:	UNK		
Spiller Address:	UNK		
	UNK		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	07/20/2001		
Spill Cause:	Unknown	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Unknown
Spill Notifier:	Affected Persons	PBS Number:	Not reported
Spill Date:	06/28/2001 08:45	Reported to Dept:	06/28/2001 19:54
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported		

Cleanup Meets Standard:	False
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Date:	Not reported
Enforcement Date:	Not reported
Investigation Complete:	Not reported
UST Involvement:	False
Spill Record Last Update:	08/14/2001
Is Updated:	False
Corrective Action Plan Submitted:	Not reported
Date Spill Entered In Computer Data File:	06/28/2001
Date Region Sent Summary to Central Office:	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

TM 939 (Continued) **S105058480**

Material:
Material Class Type: 1
Quantity Spilled: 1
Units: Gallons
Unknown Qty Spilled: Yes
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
Remark: caller reporting a spill from an unk source coned 137926 sample taken clean up for tomorrow am.
DEC Remarks: CON ED E2MIS REPORT 5-28-01 Approx. 1pt.of an unknown oil on approx. 400 gals. of water in TM939. Unable to pressure test transformer due to amount of water instructure. Historical PCB count of transformer is 103p pm. PCB and oil ID samples taken.6-28-01 1645hrs. LSN 01-06932 <1pp m 1945hrs. Unit needs to be pressure tested over 50 cleanup schedule d for AM. 6-29-01 Tanker removed 1500gals. ofliquid from structure . Network pressure tested unit and it held. Job will be completed wwith vactor.

I40 **GOWANAS CANAL** **NY Spills** **S104192547**
WSW **325 BOND ST** **N/A**
< 1/8 **BROOKLYN, NY**
593 ft.
Higher **Site 2 of 3 in cluster I**

SPILLS:
Spill Number: 9904180 | Region of Spill: 2
Facility Contact: Not reported | Facility Tele: Not reported
Investigator: WOOLSEY | 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
Spiller Contact: Not reported | Spiller Phone: Not reported
Spiller: Not reported
Spiller Address: Not reported
Spill Class: No spill occured. No DEC Response. No corrective action required.
Spill Closed Dt: 10/04/1999
Spill Cause: Deliberate | Resource Affected: Surface Water
Water Affected: GOWANAS CANAL | Spill Source: Other Commercial/Industrial
Spill Notifier: Local Agency | PBS Number: Not reported
Spill Date: 07/09/1999 09:30 | Reported to Dept: 07/09/1999 09:55
Cleanup Ceased: Not reported
Last Inspection: Not reported
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 10/04/1999
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 07/09/1999
Date Region Sent Summary to Central Office: Not reported

GOWANAS CANAL (Continued) **S104192547**

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: 3
Quantity Spilled: 0
Units: Gallons
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: DEBRIS
Class Type: Non Pet/Non Haz
Chem Abstract Service Number: DEBRIS
Last Date: Not reported
Num Times Material Entry In File: 108
Remark: CONTRACTOR DUMPING CONSTRUCTION DEBRIS INTO THE CANAL - NYC DEP RESPONDING
DEC Remarks: Not reported

I41 **VIDAN AUTO SALVAGE** **RCRIS-SQG 1003864459**
WSW **327-321 BOND STREET** **FINDS NYD986961167**
< 1/8 **BROOKLYN, NY 11231** **CERC-NFRAP**
593 ft.
Higher **Site 3 of 3 in cluster I**

CERCLIS-NFRAP Classification Data:
Site Incident Category: Not reported
Federal Facility: Not a Federal Facility
Non NPL Code: NFRAP
Ownership Status: Unknown
NPL Status: Not on the NPL
Site Description: FORMER AUTOMOTIVE 'CHOP SHOP' AND CHEMICAL DUMPING SITE UNDER SITE UNDER ATTORNEY GENERAL INVESTIGATION.
CERCLIS-NFRAP Assessment History:
Assessment: PRELIMINARY ASSESSMENT Completed: 09/25/1991
Assessment: REMOVAL ASSESSMENT Completed: 09/26/1991
Assessment: SITE INSPECTION Completed: 12/29/1998
Assessment: ARCHIVE SITE Completed: 09/30/1999

RCRIS:
Owner: MICHAEL PLANTZ
(718) 488-5936
EPA ID: NYD986961167
Contact: MICHAEL PLANTZ
(718) 488-5936
Classification: Conditionally Exempt Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

VIDAN AUTO SALVAGE (Continued) **1003864459**

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

42
ENE
< 1/8
641 ft.
Higher

CROSSBAY BAY CONTRACTING **RCRIS-SQG** **1000386132**
242 NEVINS ST **FINDS** **NYD012515870**
BROOKLYN, NY 11217

RCRIS:
Owner: UNKNOWN
(212) 555-1212
EPA ID: NYD012515870
Contact: TOM FIORIO
(718) 852-5800
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

J43
South
< 1/8
644 ft.
Higher

325 NEVINS STREET **LTANKS** **S102672916**
325 NEVINS STREET **N/A**
BROOKLYN, NY

Site 1 of 3 in cluster J

LTANKS:

Spill Number:	9501568	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	MARTINKAT	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
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	WHALECO - DRIVER		
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:	05/08/1995		
Spill Cause:	Tank Overfill	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Spill Notifier:	Responsible Party	PBS Number:	Not reported
Spill Date:	05/08/1995 10:00	Reported to Dept:	05/08/1995 10:05
Cleanup Ceased:	05/08/1995		
Last Inspection:	Not reported		
Cleanup Meets Standard:	True		

325 NEVINS STREET (Continued) **S102672916**

Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: Not reported
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 05/19/1995
Date Region Sent Summary to Central Office: 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: 2
Units: Gallons
Unknown Qty Spilled: 2
Quantity Recovered: 2
Unknown Qty Recovered: False
Material: #2 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry In File: 24464
DEC Remarks: Not reported
Spill Cause: Not reported

Spill Number: 9508359 | Region of Spill: 2
Facility Contact: CRUSADER CANDLE CO | Facility Tele: (718) 625-0005
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
Spiller Contact: Not reported | Spiller Phone: Not reported
Spiller: WHALCO FUEL OIL
Spiller Address: Not reported
Spill Class: Known release with minimal potential for fire or hazard. No DEC Response. No corrective action required.
Spill Closed Dt: 10/09/1995
Spill Cause: Tank Overfill | Resource Affected: On Land
Water Affected: Not reported | Spill Source: Private Dwelling
Spill Notifier: Responsible Party | PBS Number: Not reported
Spill Date: 10/09/1995 07:15 | Reported to Dept: 10/09/1995 07:46
Cleanup Ceased: Not reported
Last Inspection: Not reported
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False

325 NEVINS STREET (Continued) **S102672916**

Spill Record Last Update: 10/30/1995
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 10/09/1995
Date Region Sent Summary to Central Office: 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: Gallons
Unknown Qty Spilled: Yes
Quantity Recovered: 1
Unknown Qty Recovered: False
Material: #2 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry In File: 24464
DEC Remarks: Not reported
Spill Cause: TANK OVERFILL

J44 **CRUSADER CANDLE CO INC** **RCRIS-SQG** **1000694280**
South **325 NEVINS ST** **FINDS** **NYD987005840**
< 1/8 **BROOKLYN, NY 11215**
644 ft.
Higher **Site 2 of 3 in cluster J**

RCRIS:
Owner: PAUL J MORRA
(718) 625-0005
EPA ID: NYD987005840
Contact: PASCHAL VANORE
(718) 625-0005
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

J45 **473 PRESIDENT** **LTANKS** **S101508966**
SSE **473 PRESIDENT ST** **N/A**
1/8-1/4 **BROOKLYN, NY**
702 ft.
Higher **Site 3 of 3 in cluster J**

LTANKS:

473 PRESIDENT (Continued) **S101508966**

Spill Number:	9412605	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
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
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	SAME		
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:	Not reported		
Spill Cause:	Tank Test Failure	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Spill Notifier:	Tank Tester	PBS Number:	Not reported
Spill Date:	12/20/1994 11:20	Reported to Dept:	12/20/1994 11:25
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported		
Cleanup Meets Standard:	False		
Recommended Penalty:	Penalty Not Recommended		
Spiller Cleanup Date:	Not reported		
Enforcement Date:	Not reported		
Investigation Complete:	Not reported		
UST Involvement:	False		
Spill Record Last Update:	Not reported		
Is Updated:	False		
Corrective Action Plan Submitted:	Not reported		
Date Spill Entered In Computer Data File:	03/01/1995		
Date Region Sent Summary to Central Office:	Not reported		

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:	Not reported
Unknown Qty Spilled:	-1
Quantity Recovered:	0
Unknown Qty Recovered:	True
Material:	UNKNOWN PETROLEUM
Class Type:	Petroleum
Chem Abstract Service Number:	UNKNOWN PETROLEUM
Last Date:	09/29/1994
Num Times Material Entry In File:	16414

DEC Remarks:	Not reported
Spill Cause:	ABOANDONED LINE FAILED TEST - NO SPILL OF PRODUCT - TANK TESTER HAD NO TANK NUMBER

46
SW
1/8-1/4
779 ft.
Higher

TWO DANS ENTERPRISES
385 CARROLL ST
BROOKLYN, NY 11231

RCRIS-SQG 1004756067
FINDS NY0001008663

TWO DANS ENTERPRISES (Continued) **1004756067**

RCRIS:
Owner: DANNY TINNEY
(718) 243-2227
EPA ID: NY0001008663
Contact: DANNY TINNEY
(718) 243-2227
Classification: Conditionally Exempt Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

NY MANIFEST
Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

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47 East 1/8-1/4 818 ft. Higher **267 DOUGLAS STREET** **LTANKS S100145100**
267 DOUGLAS STREET **N/A**
N.Y.C., NY

LTANKS:

Spill Number:	8800904	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	BATTISTA	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
Spiller Contact:	Not reported	Spiller Phone:	(718) 858-2143
Spiller:	D. GARBER & SONS.		
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:	10/02/1992		
Spill Cause:	Tank Test Failure	Resource Affected:	Groundwater
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Spill Notifier:	Tank Tester	PBS Number:	2-070114
Spill Date:	04/28/1988 16:00	Reported to Dept:	04/28/1988 19:26
Cleanup Ceased:	10/02/1992		
Last Inspection:	Not reported		

Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 05/12/1994
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 04/29/1988
Date Region Sent Summary to Central Office: Not reported
Tank Test:

267 DOUGLAS STREET (Continued) **S100145100**

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: #4 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #4 FUEL OIL
Last Date: 12/05/1994
Num Times Material Entry In File: 1751
DEC Remarks: Not reported
Spill Cause: CAPACITY IS A 7,000 GALLON TANK WITH A LEAK RATE OF +2.248 G.P.H. TH E TANK IS LOCATED UNDER CEMENT SO NAT RECOMMENDS TO UNCOVER AND RE- TEST FOR POSSIBLE AIR POCKETS.

48
SW
1/8-1/4
829 ft.
Higher

PENSKE TRUCK LEASING CO LP
347 BOND ST
BROOKLYN, NY 11231

RCRIS-SQG **1000990241**
FINDS **NYR000002006**

RCRIS:
Owner: COSMO CORP C-O ABE STERN
(718) 435-1944
EPA ID: NYR000002006
Contact: GENE RAFFA
(718) 797-4091
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

NY MANIFEST
Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

K49
NE
1/8-1/4
866 ft.
Higher

PETROLEUM TAMA CLEANERS
236 BUTLER ST
BROOKLYN, NY 12318

Site 1 of 2 in cluster K

RCRIS-SQG **1000367193**
FINDS **NYD020585733**

PETROLEUM TAMA CLEANERS (Continued) **1000367193**

RCRIS:
Owner: Not reported
EPA ID: NYD020585733
Contact: CHARLES LARA
(212) 624-6934
Classification: Handler transports wastes, but commercial status is unknown, Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

NY MANIFEST
Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

K50 **PETROLEUM TANK CLEANERS INC** **UST U003074578**
NE **236 BUTLER ST** **AST N/A**
1/8-1/4 **BROOKLYN, NY 11212**
870 ft.
Higher **Site 2 of 2 in cluster K**

PBS UST:

PBS Number:	2-399760	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	FRANK LENDINO (718) 624-4842		
Emergency Contact:	FRANK LENDINO (718) 624-4842		
Total Tanks:	5		
Owner:	PETROLEUM TANK CLEANERS INC 236 BUTLER ST BROOKLYN, NY 11212 (718) 624-4842		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	PETROLEUM TANK CLEANERS INC ATTN: CHARLES LARA 236 BUTLER ST BROOKLYN, NY 11212 (718) 624-4842		
Tank Status:	In Service		
Capacity (gals):	3000		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	12/01/1985
Tank Type:	Steel/carbon steel	Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Internal:	EPOXY LINER	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:	GROUNDWATER WELL		

PETROLEUM TANK CLEANERS INC (Continued) **U003074578**

Overfill Prot:	Product Level Gauge	Dispenser:	Suction
Date Tested:	04/01/1998	Next Test Date:	04/01/2003
Date Closed:	Not reported	Test Method:	HORNER
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	50000	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	01/05/1999
Old PBS Number:	Not reported	Expiration Date:	10/06/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	TRUCKING/TRANSPORTATION		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		
PBS Number:	2-399760	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	FRANK LENDINO (718) 624-4842		
Emergency Contact:	FRANK LENDINO (718) 624-4842		
Total Tanks:	5		
Owner:	PETROLEUM TANK CLEANERS INC 236 BUTLER ST BROOKLYN, NY 11212 (718) 624-4842		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	PETROLEUM TANK CLEANERS INC ATTN: CHARLES LARA 236 BUTLER ST BROOKLYN, NY 11212 (718) 624-4842		
Tank Status:	Temporarily Out of Service		
Capacity (gals):	10000		
Tank Location:	UNDERGROUND		
Tank Id:	002	Install Date:	Not reported
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:	NONE		
Leak Detection:	GROUNDWATER WELL		
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 missing
FAMT:	Fiscal amount for registration fee is correct		

PETROLEUM TANK CLEANERS INC (Continued) **U003074578**

Total Capacity:	50000	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	01/05/1999
Old PBS Number:	Not reported	Expiration Date:	10/06/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	TRUCKING/TRANSPORTATION		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		
PBS Number:	2-399760	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	FRANK LENDINO (718) 624-4842		
Emergency Contact:	FRANK LENDINO (718) 624-4842		
Total Tanks:	5		
Owner:	PETROLEUM TANK CLEANERS INC 236 BUTLER ST BROOKLYN, NY 11212 (718) 624-4842		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	PETROLEUM TANK CLEANERS INC ATTN: CHARLES LARA 236 BUTLER ST BROOKLYN, NY 11212 (718) 624-4842		
Tank Status:	Temporarily Out of Service		
Capacity (gals):	10000		
Tank Location:	UNDERGROUND		
Tank Id:	003	Install Date:	Not reported
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:	NONE		
Leak Detection:	GROUNDWATER WELL		
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 missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	50000	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	01/05/1999
Old PBS Number:	Not reported	Expiration Date:	10/06/2002
Inspected Date:	Not reported	Inspector:	Not reported

PETROLEUM TANK CLEANERS INC (Continued) **U003074578**

Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	TRUCKING/TRANSPORTATION		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		
PBS Number:	2-399760	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	FRANK LENDINO (718) 624-4842		
Emergency Contact:	FRANK LENDINO (718) 624-4842		
Total Tanks:	5		
Owner:	PETROLEUM TANK CLEANERS INC 236 BUTLER ST BROOKLYN, NY 11212 (718) 624-4842		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	PETROLEUM TANK CLEANERS INC ATTN: CHARLES LARA 236 BUTLER ST BROOKLYN, NY 11212 (718) 624-4842		
Tank Status:	Temporarily Out of Service		
Capacity (gals):	20000		
Tank Location:	UNDERGROUND		
Tank Id:	004	Install Date:	Not reported
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:	NONE		
Leak Detection:	GROUNDWATER WELL		
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:	50000	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	01/05/1999
Old PBS Number:	Not reported	Expiration Date:	10/06/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	TRUCKING/TRANSPORTATION		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		

PETROLEUM TANK CLEANERS INC (Continued) **U003074578**

Region: 2

PBS AST:

PBS Number:	2-399760	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:	TRUCKING/TRANSPORTATION		
Owner Type:	Corporate/Commercial		
Owner Sub Type:	Not reported		
Owner:	PETROLEUM TANK CLEANERS INC 236 BUTLER ST BROOKLYN, NY 11212		
Owner Phone:	(718) 624-4842		
Facility Phone:	(718) 624-4842		
Operator:	FRANK LENDINO		
Emergency Name:	FRANK LENDINO		
Emergency Phone:	(718) 624-4842		
Total Tanks:	5		
Total Capacity:	50000		
Tank ID:	005		
Capacity (Gal):	7000		
Missing Data for Tank :	Minor data missing		
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE		
Product Stored:	NOS 5 OR 6 FUEL OIL		
Tank Type:	Steel/carbon steel		
Install Date:	12/01/1985		
Tank Internal:	Not reported		
Tank External:	Not reported		
Tank Containment:	Not reported		
Pipe Type:	STEEL/IRON		
Pipe Location:	Not reported		
Pipe Internal:	Not reported		
Pipe External:	Not reported		
Leak Detection:	OTHER		
Overfill Protection:	Product Level Gauge		
Dispenser Method:	Suction		
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:	PETROLEUM TANK CLEANERS INC		
Mailing Address:	236 BUTLER ST BROOKLYN, NY 11212		
Mailing Contact:	CHARLES LARA		
Mailing Telephone:	(718) 624-4842		
Owner Mark:	First Owner	Expiration Date:	10/06/2002
Certification Flag:	False	Certification Date:	01/05/1999
Renew Flag:	False	Renew Date:	/ /
Lat/Long:	Not reported		
Dead Letter:	False		
Facility Screen:	No data missing		
Owner Screen:	No data missing		
Tank Screen:	Minor data missing		
Town or City:	NEW YORK CITY		
Town or City Code:	01		

GOWANUS (Continued) **U000410807**

Town or City Code:	01		
County Code:	61		
Region:	2		
PBS Number:	2-474622	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	RAFAEL VELEZ (212) 306-3142		
Emergency Contact:	EMERGENCY SERVICE SQUAD (212) 289-3940		
Total Tanks:	2		
Owner:	NYC HOUSING AUTHORITY 250 BROADWAY NEW YORK, NY 10007 (212) 306-3142		
Owner Type:	Local Government		
Owner Mark:	First Owner		
Owner Subtype:	51		
Mailing Address:	NYC HOUSING AUTHORITY ATTN: FRANK OCELLO 250 BROADWAY 16TH FLOOR NEW YORK, NY 10007 (212) 306-3142		
Tank Status:	In Service		
Capacity (gals):	25000		
Tank Location:	UNDERGROUND		
Tank Id:	002	Install Date:	10/01/1981
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:	WRAPPED [PIPING]		
Second Containment:	NONE		
Leak Detection:	NONE		
Overfill Prot:	Product Level Gauge	Dispenser:	Suction
Date Tested:	07/01/1996	Next Test Date:	07/01/2001
Date Closed:	Not reported	Test Method:	HORNER
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	50000	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	11/08/1999
Old PBS Number:	Not reported	Expiration Date:	03/28/2004
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	APARTMENT BUILDING		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		

52 East 1/8-1/4 955 ft. Higher — **D GAVER & SONS INC**, **267 DOUGLASS ST**, **BROOKLYN, NY 11217** — **UST** — **U001831861** / **N/A**

PBS UST:

PBS Number:	2-070114	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	ROBERT GAVER (718) 858-2143		
Emergency Contact:	ROBERT WALKER (718) 852-0392		
Total Tanks:	0		
Owner:	D GAVER & SONS 267 DOUGLASS ST BROOKLYN, NY 11217 (718) 858-2143		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	D GAVER & SONS ATTN: ROBERT GAVER 267 DOUGLASS ST BROOKLYN, NY 11217 (718) 858-2143		
Tank Status:	Closed - In Place		
Capacity (gals):	7000		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	NOS 1,2, OR 4 FUEL OIL
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/NONE		
Leak Detection:	NONE/NONE		
Overfill Prot:	Product Level Gauge	Dispenser:	Suction
Date Tested:	05/01/1993	Next Test Date:	Not reported
Date Closed:	04/01/1998	Test Method:	HORNER
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:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	03/27/1997
Old PBS Number:	Not reported	Expiration Date:	03/10/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	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		

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
53 WSW 1/8-1/4 974 ft. Higher	REGENCY SERVICE CARTS INC 337-361 CARROLL ST BROOKLYN, NY 11231	RCRIS-SQG FINDS	1000912162 NY0000475137

RCRIS:
Owner: GIACOMO ABBATE
(718) 855-8304
EPA ID: NY0000475137
Contact: CARL COCCHIOLA
(718) 855-8304
Classification: Conditionally Exempt Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: Not reported
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 07/19/1995
Actual Date Achieved Compliance: 09/11/1995

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/19/1995
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: GENERATOR-MANIFEST REQUIREMENTS
Date Violation Determined: 07/19/1995
Actual Date Achieved Compliance: 09/11/1995

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/19/1995
Penalty Type: Not reported

There are 2 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19950911
	GENERATOR-MANIFEST REQUIREMENTS	19950911

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
54 South 1/8-1/4 1019 ft. Higher	RED HOOK TERMINAL HAMILTON AVE BROOKLYN, NY	LTANKS NY Spills	S103570854 N/A

SPILLS:

Spill Number:	9704119	Region of Spill:	2
Facility Contact:	JACK DONAHUE	Facility Tele:	(718) 875-0084
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
Spiller Contact:	Not reported	Spiller Phone:	(905) 305-0215

RED HOOK TERMINAL (Continued) **S103570854**

Spiller: PARAGON COMMERCIAL
Spiller Address: 90B CENTURIAN DRIVE
ONTARIO CANADA, CA
Spill Class: Known release that creates potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 07/07/1997
Spill Cause: Other
Resource Affected: On Land
Water Affected: Not reported
Spill Source: Other Commercial/Industrial
Spill Notifier: Federal Government
PBS Number: Not reported
Spill Date: 07/07/1997 12:00
Reported to Dept: 07/07/1997 13:50
Cleanup Ceased: Not reported
Last Inspection: Not reported
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 01/23/1998
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 07/07/1997
Date Region Sent Summary to Central Office: 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: 2
Quantity Spilled: 1745
Units: Pounds
Unknown Qty Spilled: 1745
Quantity Recovered: 1745
Unknown Qty Recovered: False
Material: HYDROCHLORIC ACID
Class Type: Hazardous
Chem Abstract Service Number: HYDROCHLORIC ACID
Last Date: 08/02/1994
Num Times Material Entry In File: 240
Material: HYDROGEN CHLORIDE
Class Type: Hazardous
Chem Abstract Service Number: HYDROGEN CHLORIDE
Last Date: 11/11/1994
Num Times Material Entry In File: 235
Material: MURIATIC ACID
Class Type: Hazardous
Chem Abstract Service Number: MURIATIC ACID
Last Date: Not reported
Num Times Material Entry In File: 0
Material Class Type: 3
Quantity Spilled: 25080
Units: Pounds
Unknown Qty Spilled: 25080
Quantity Recovered: 25080

RED HOOK TERMINAL (Continued) **S103570854**

Unknown Qty Recovered: False
Material: ISOPROPYL ALCOHOL
Class Type: Non Pet/Non Haz
Chem Abstract Service Number: ISOPROPYL ALCOHOL
Last Date: 08/15/1995
Num Times Material Entry In File: 27
Remark: CONTAINER UNLOADED AND FOUND TO BE LEAKING - NYC FD HAZ MAT ON SCENE - DEP IS ALSO SENDING A CREW - CONTAINER IS ISOLATED
DEC Remarks: 12:20 CALLED DONAHUE LEAKING ON PIER. DOCK ON CONCRETE. WATER 2-300FT. AWAY. NON HAZ CLEANING COMPUND ISOLATS LEAKING. ALL IN SEPRATE SSG DRU MS. SMALL 5 GAL PAILS. FD. IN CONTAINER TO DETIRY THE SPILLER. I WILL NOT BE RESPONDING. CPT.

LTANKS:

Spill Number:	8908683	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
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
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	Not reported		
Spiller Address:	Not reported		
Spill Class:	Not reported		
Spill Closed Dt:	12/02/1989		
Spill Cause:	Tank Overfill	Resource Affected:	Surface Water
Water Affected:	Not reported	Spill Source:	Vessel
Spill Notifier:	Responsible Party	PBS Number:	Not reported
Spill Date:	12/02/1989 17:30	Reported to Dept:	12/02/1989 18:46
Cleanup Ceased:	12/02/1989		
Last Inspection:	Not reported		

Cleanup Meets Standard: True
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 01/25/1990
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 01/10/1990
Date Region Sent Summary to Central Office: 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: 0
Units: Not reported
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: UNKNOWN PETROLEUM

RED HOOK TERMINAL (Continued) **S103570854**

Class Type: Petroleum
Chem Abstract Service Number: UNKNOWN PETROLEUM
Last Date: 09/29/1994
Num Times Material Entry In File: 16414
DEC Remarks: Not reported
Spill Cause: Not reported

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55 West 1/8-1/4 1039 ft. Higher

NYC BD OF ED - PUBLIC SCHOOL 32 K **RCRIS-SQG 1001028758**
317 HOYT ST **FINDS NYR000009902**
BROOKLYN, NY 11231

RCRIS:
Owner: NYC BD OF ED
(718) 935-5010
EPA ID: NYR000009902
Contact: MICHAEL MOSKOWITZ
(212) 727-7676
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

NY MANIFEST
Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

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56 NNE 1/8-1/4 1047 ft. Higher

FORTWAY COLLISION INC **RCRIS-SQG 1000422837**
471 BALTIC ST **FINDS NYD982726911**
BROOKLYN, NY 11217

RCRIS:
Owner: ANGELO NIGRELLI
(212) 555-1212
EPA ID: NYD982726911
Contact: ANGELO NIGRELLI
(718) 855-2146
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

FORTWAY COLLISION INC (Continued) **1000422837**

Violation Status: No violations found

NY MANIFEST
Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

57
SW
1/8-1/4
1058 ft.
Higher

NEW AMSTERDAM THEATER
40 1ST ST
NEW YORK, NY 10013

RCRIS-SQG **1001113438**
FINDS **NYR000024281**

RCRIS:
Owner: EMPIRE STATE DEVELOPMENT CORP
(212) 790-2575
EPA ID: NYR000024281
Contact: STAN ABRAMSKI
(516) 681-7136
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

58
SSE
1/8-1/4
1088 ft.
Higher

LINDA TOOL & DIE CORP
459 CARROLL ST
BROOKLYN, NY 11215

RCRIS-SQG **1000791081**
FINDS **NYD987025822**

RCRIS:
Owner: MIKE DIMARINO
(718) 522-2066
EPA ID: NYD987025822
Contact: MIKE DIMARINO
(718) 522-2066
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

LINDA TOOL & DIE CORP (Continued) **1000791081**

Violation Status: No violations found

NY MANIFEST
Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

59
ENE
1/8-1/4
1103 ft.
Higher

BALTIC RECYCLING T.S.
524-26 BALTIC STRET
BROOKLYN, NY 11217

SWF/LF **S103592384**
N/A

LF:

Facility ID:	24T97	Telephone:	(718) 624-2459
DEC Region:	2	Permit #:	Not reported
Permit issue date:	03/19/97	Permit Expires:	03/19/02
Authrzd/Operate Dt:	/ /	Constrct Perm #:	0
Auth. to Construct:	/ /	Const Permit Exp:	/ /
Regulatory Status:	Permit	Receiving Waste:	False
Started Rec Waste:	/ /	Stop Rec Waste:	/ /
Fax:	Not reported		
Aquifer:	none		
Waste type:	Putrescible		
Owner Name:	Baltic recycling Corp.	Owner Type:	Private
Mail Address:	32 Piermont Road Cresskill, NJ 07626		
Owner Telephone:	(201) 569-1778	Operator Name:	Paul & Sal Rutigliano
Annual Report Submitted to ALB:			
Single Liner:	False		
Single Composite Liner:	False		
Double Liner:	False		
Double Composite Liner:	False		
Date Ordered On Consent Signed:	/ /		
Accomplish Date Of Order:	/ /		
Ny Transverse Mercator Coordinates East:	585825		
Ny Transverse Mercator Coordinates North:	4503935		
Facility Code:	T		
Code:	F		
Tons:	0		
Facility:	F		
Annual Report for 2001:	False		
Quarterly Report 1:	False		
Quarterly Report 2:	False		
Quarterly Report 3:	False		
Quarterly Report 4:	False		
IHWS number:	0		
IHWS classification:	Not reported		
Inactive HWS:	False		
1989:	False		
1990:	False		
1991:	False		
1992:	False		
1993:	False		
1994:	False		
1995:	False		

BALTIC RECYCLING T.S. (Continued) **S103592384**

1996:	False
1997:	True
1998:	False
1999:	False
2000:	False
Accounted For At Another Facility	False
Quarter 1:	False
Quarter 2:	False
Quarter 3:	False
Quarter 4:	False
Remarks:	Not reported
Comments:	Not reported

L60 **RYDER TRUCK RENTAL, INC.** **UST** **U003030983**
East **280 DOUGLAS STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11217**
1128 ft.
Higher **Site 1 of 3 in cluster L**

PBS UST:

PBS Number:	2-333352	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	JERRY GASPARRINI (718) 694-9873		
Emergency Contact:	JERRY GASPARRINI (718) 694-9873		
Total Tanks:	0		
Owner:	RYDER TRUCK RENTAL, INC. 405A OAKWOOD ROAD HUNTINGTON STATION, NY 11746 (516) 271-8686		
Owner Type:	Corporate/Commercial		
Owner Mark:	Third Owner		
Owner Subtype:	Not reported		
Mailing Address:	RYDER TRUCK RENTAL, INC. ATTN: JERRY GASPARRINI 280 DOUGLAS STREET BROOKLYN, NY 11217 (718) 694-9873		
Tank Status:	Closed - In Place		
Capacity (gals):	4000		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	04/01/1984
Tank Type:	Steel/carbon steel	Product Stored:	DIESEL
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/NONE		
Leak Detection:	NONE/NONE		
Overfill Prot:	None	Dispenser:	Suction
Date Tested:	12/01/1994	Next Test Date:	Not reported
Date Closed:	04/01/1998	Test Method:	TANKOLOGY [VACUTECT]
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

RYDER TRUCK RENTAL, INC. (Continued) **U003030983**

Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	02/07/1996
Old PBS Number:	Not reported	Expiration Date:	11/17/2000
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	TRUCKING/TRANSPORTATION		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		

PBS OWNHIST

Operator:	HERTZ-PENSKE TRUCK LEASING		
Emergency:	JOSEPH GAGLIARDI		
Emergency Tel:	(201) 838-5531	Old PBSNO:	Not reported
Facility Type:	Not reported		
Facility Owner:	DAILY NEWS GARAGE		
Facility Address:	280 DOUGLASS ST BKLYN, NY 11217		
Inspector:	Not reported	Inspect Date:	Not reported
Insp Result:	Not reported	Federal ID:	Not reported
Owner:	NEW YORK NEWS INC		
Owner Tel:	(212) 210-2937	Owner Type:	Not reported
Owner Subtype:	Not reported		
Mail Address:	NEW YORK NEWS INC 220 E 42ND ST NY, NY 10017 Not reported (212) 210-2937		
Owner Mark:	First Owner		
Certify Date:	10/02/1992	Expiration:	10/02/1992
Total Capacity (Gal):	25000		
CBS Registration Num :	Not reported		
SPDES Number:	Not reported		
Lat/Long :	Not reported		
County Facility:	6101		
Facility Phone :	(718) 230-7367		
Num of Active Tanks :	6		
Facility Owner:	NEW YORK NEWS INC		
Facility Address:	220 E 42ND ST NY, NY 10017		
Owner Phone:	(212) 210-2937		
Facility Status:	1		
Certificate Needs Printed :	False		
Renewal Printed :	False		
Pre-printed Renewal Form Last Printed :	Not reported		
Fiscal Amt For Registration Fee Pbsrect:	True		
Dt Ownership Transfer Occurr in Computer :	10/08/1993		
Facility Record Updated:	True		

Operator:	PENSKE TRUCK LEASING		
Emergency:	DANIEL JEADER		
Emergency Tel:	(718) 797-4091	Old PBSNO:	Not reported
Facility Type:	TRUCKING/TRANSPORTATION		
Facility Owner:	DAILY NEWS GARAGE		
Facility Address:	280 DOUGLASS ST		

RYDER TRUCK RENTAL, INC. (Continued) **U003030983**

280 DOUGLASS ST
BKLYN, NY 11217

Inspector:	Not reported	Inspect Date:	Not reported
Insp Result:	Not reported	Federal ID:	58-1899638
Owner:	MAXWELL NEWS PAPERS INC.		
Owner Tel:	(212) 210-6310	Owner Type:	Not reported
Owner Subtype:	Not reported		
Mail Address:	MAXWELL NEWS PAPERS, INC. 220 EAST 42ND STREET ROOM 800 NEW YORK, NY 10017 JAY SWARDENSKI, SR. V-P (212) 210-6510		
Owner Mark:	Second Owner		
Certify Date:	10/08/1998	Expiration:	10/08/1998
Total Capacity (Gal):	25000		

CBS Registration Num :	Not reported
SPDES Number:	Not reported
Lat/Long :	Not reported
County Facility:	6101
Facility Phone :	(718) 797-4091
Num of Active Tanks :	6
Facility Owner:	MAXWELL NEWS PAPERS INC.
Facility Address:	220 EAST 42ND STREET, ROOM 800 NEW YORK, NY 10017
Owner Phone:	(212) 210-6310
Facility Status:	1
Certificate Needs Printed :	False
Renewal Printed :	False
Pre-printed Renewal Form Last Printed :	Not reported
Fiscal Amt For Registration Fee Pbsrect:	True
Dt Ownership Transfer Occurr in Computer :	11/17/1995
Facility Record Updated:	True

PBS Number:	2-333352	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	JERRY GASPARRINI (718) 694-9873		
Emergency Contact:	JERRY GASPARRINI (718) 694-9873		
Total Tanks:	0		
Owner:	RYDER TRUCK RENTAL, INC. 405A OAKWOOD ROAD HUNTINGTON STATION, NY 11746 (516) 271-8686		
Owner Type:	Corporate/Commercial		
Owner Mark:	Third Owner		
Owner Subtype:	Not reported		
Mailing Address:	RYDER TRUCK RENTAL, INC. ATTN: JERRY GASPARRINI 280 DOUGLAS STREET BROOKLYN, NY 11217 (718) 694-9873		
Tank Status:	Closed - In Place		
Capacity (gals):	4000		
Tank Location:	UNDERGROUND		

RYDER TRUCK RENTAL, INC. (Continued) **U003030983**

Tank Id:	002	Install Date:	04/01/1984
Tank Type:	Steel/carbon steel	Product Stored:	DIESEL
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/NONE		
Leak Detection:	NONE/NONE		
Overfill Prot:	None	Dispenser:	Suction
Date Tested:	03/01/1995	Next Test Date:	Not reported
Date Closed:	04/01/1998	Test Method:	TANK AUDITOR
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:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	02/07/1996
Old PBS Number:	Not reported	Expiration Date:	11/17/2000
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	TRUCKING/TRANSPORTATION		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		

PBS OWNHIST

Operator:	HERTZ-PENSKE TRUCK LEASING		
Emergency:	JOSEPH GAGLIARDI		
Emergency Tel:	(201) 838-5531	Old PBSNO:	Not reported
Facility Type:	Not reported		
Facility Owner:	DAILY NEWS GARAGE		
Facility Address:	280 DOUGLASS ST BKLYN, NY 11217		
Inspector:	Not reported	Inspect Date:	Not reported
Insp Result:	Not reported	Federal ID:	Not reported
Owner:	NEW YORK NEWS INC		
Owner Tel:	(212) 210-2937	Owner Type:	Not reported
Owner Subtype:	Not reported		
Mail Address:	NEW YORK NEWS INC 220 E 42ND ST NY, NY 10017 Not reported (212) 210-2937		
Owner Mark:	First Owner		
Certify Date:	10/02/1992	Expiration:	10/02/1992
Total Capacity (Gal):	25000		
CBS Registration Num :	Not reported		
SPDES Number:	Not reported		
Lat/Long :	Not reported		
County Facility:	6101		
Facility Phone :	(718) 230-7367		
Num of Active Tanks :	6		
Facility Owner:	NEW YORK NEWS INC		
Facility Address:	220 E 42ND ST		

RYDER TRUCK RENTAL, INC. (Continued) **U003030983**

NY, NY 10017
Owner Phone: (212) 210-2937
Facility Status: 1
Certificate Needs Printed : False
Renewal Printed : False
Pre-printed Renewal Form Last Printed : Not reported
Fiscal Amt For Registration Fee Pbsrect: True
Dt Ownership Transfer Occurr in Computer : 10/08/1993
Facility Record Updated: True

Operator: PENSKE TRUCK LEASING
Emergency: DANIEL JEADER
Emergency Tel: (718) 797-4091 Old PBSNO: Not reported
Facility Type: TRUCKING/TRANSPORTATION
Facility Owner: DAILY NEWS GARAGE
Facility Address: 280 DOUGLASS ST
280 DOUGLASS ST
BKLYN, NY 11217
Inspector: Not reported Inspect Date: Not reported
Insp Result: Not reported Federal ID: 58-1899638
Owner: MAXWELL NEWS PAPERS INC.
Owner Tel: (212) 210-6310 Owner Type: Not reported
Owner Subtype: Not reported
Mail Address: MAXWELL NEWS PAPERS, INC.
220 EAST 42ND STREET
ROOM 800
NEW YORK, NY 10017
JAY SWARDENSKI, SR. V-P
(212) 210-6510
Owner Mark: Second Owner
Certify Date: 10/08/1998 Expiration: 10/08/1998
Total Capacity (Gal): 25000
CBS Registration Num : Not reported
SPDES Number: Not reported
Lat/Long : Not reported
County Facility: 6101
Facility Phone : (718) 797-4091
Num of Active Tanks : 6
Facility Owner: MAXWELL NEWS PAPERS INC.
Facility Address: 220 EAST 42ND STREET, ROOM 800

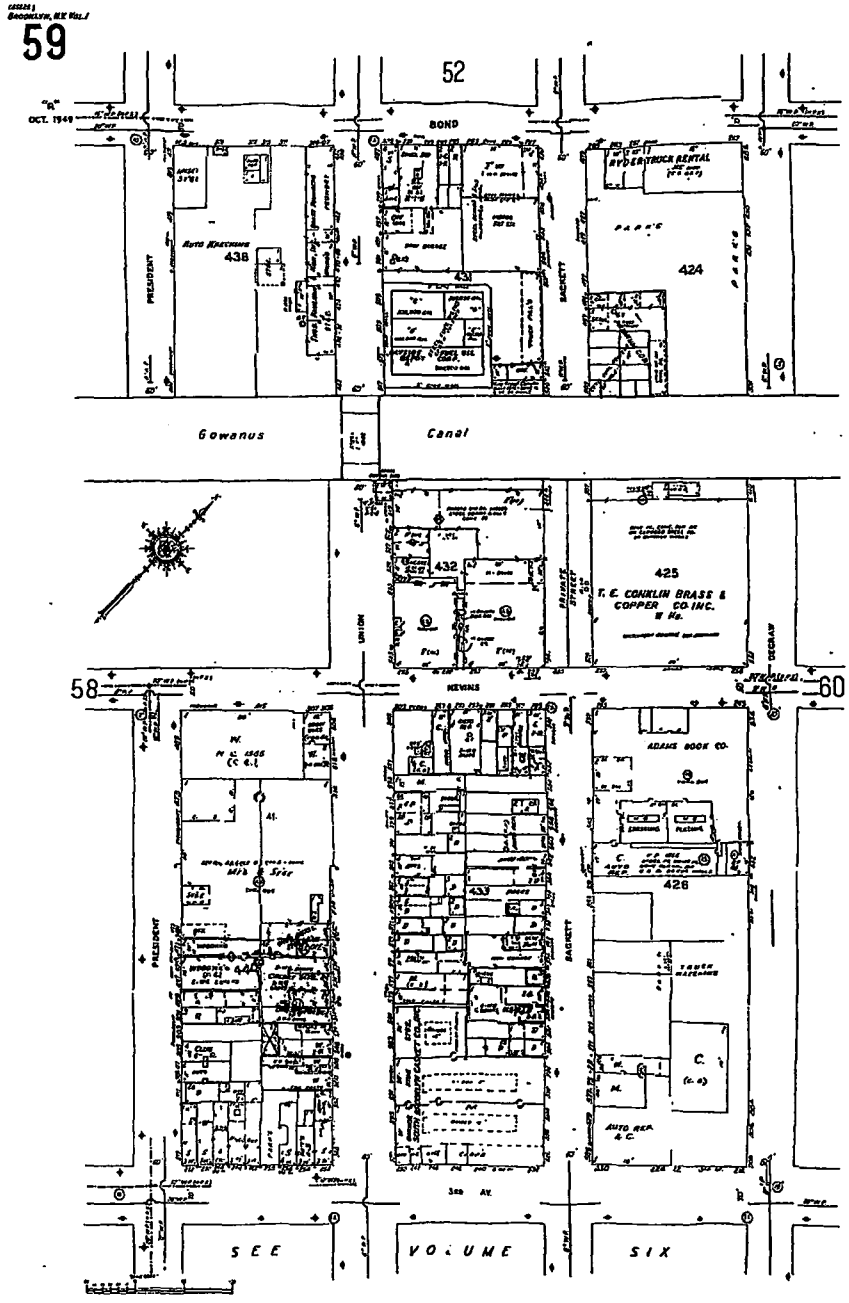
NEW YORK, NY 10017
Owner Phone: (212) 210-6310
Facility Status: 1
Certificate Needs Printed : False
Renewal Printed : False
Pre-printed Renewal Form Last Printed : Not reported
Fiscal Amt For Registration Fee Pbsrect: True
Dt Ownership Transfer Occurr in Computer : 11/17/1995
Facility Record Updated: True

PBS Number: 2-333352 CBS Number: Not reported
SPDES Number: Not reported SWIS ID: 6101
Operator: JERRY GASPARRINI
(718) 694-9873
Emergency Contact: JERRY GASPARRINI

RYDER TRUCK RENTAL, INC. (Continued) **U003030983**

(718) 694-9873
Total Tanks: 0
Owner: RYDER TRUCK RENTAL, INC.
405A OAKWOOD ROAD
HUNTINGTON STATION, NY 11746
(516) 271-8686
Owner Type: Corporate/Commercial
Owner Mark: Third Owner
Owner Subtype: Not reported
Mailing Address: RYDER TRUCK RENTAL, INC.
ATTN: JERRY GASPARRINI
280 DOUGLAS STREET
BROOKLYN, NY 11217
(718) 694-9873
Tank Status: Closed - In Place
Capacity (gals): 4000
Tank Location: UNDERGROUND
Tank Id: 003 Install Date: 04/01/1984
Tank Type: Steel/carbon steel Product Stored: DIESEL
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/NONE
Leak Detection: NONE/NONE
Overfill Prot: None Dispenser: Suction
Date Tested: 03/01/1995 Next Test Date: Not reported
Date Closed: 04/01/1998 Test Method: TANK AUDITOR
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: Renwal has not been printed Facility Screen: No data missing
Certification Flag: False Certification Date: 02/07/1996
Old PBS Number: Not reported Expiration Date: 11/17/2000
Inspected Date: Not reported Inspector: Not reported
Inspection Result: Not reported
Lat/long: Not reported
Facility Type: TRUCKING/TRANSPORTATION
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 61
Region: 2

PBS OWNHIST
Operator: HERTZ-PENSKE TRUCK LEASING
Emergency: JOSEPH GAGLIARDI
Emergency Tel: (201) 838-5531 Old PBSNO: Not reported
Facility Type: Not reported
Facility Owner: DAILY NEWS GARAGE
Facility Address: 280 DOUGLASS ST
BKLYN, NY 11217
Inspector: Not reported Inspect Date: Not reported
Insp Result: Not reported Federal ID: Not reported
Owner: NEW YORK NEWS INC
Owner Tel: (212) 210-2937 Owner Type: Not reported



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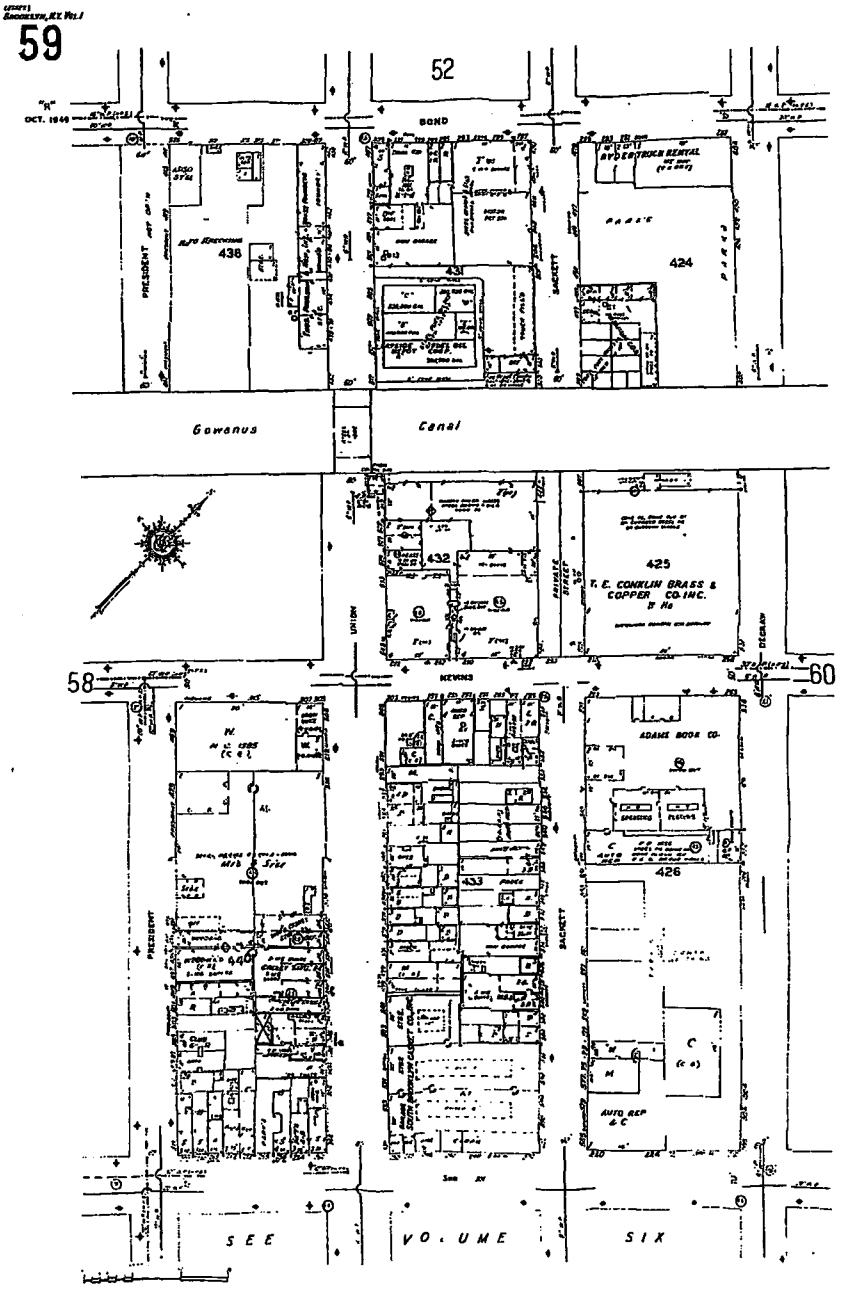

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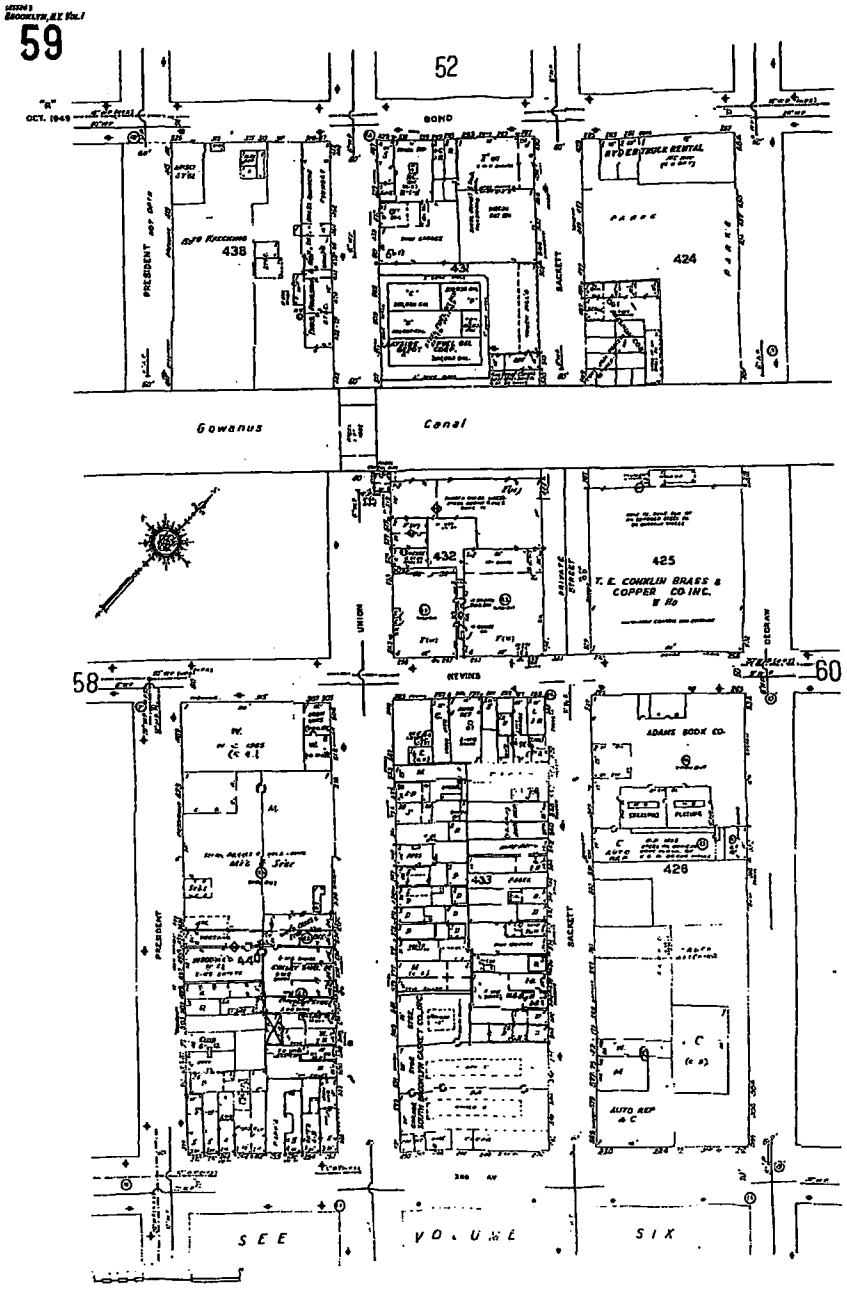

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RYDER TRUCK RENTAL, INC. (Continued) **U003030983**

Owner Subtype:	Not reported		
Mail Address:	NEW YORK NEWS INC 220 E 42ND ST NY, NY 10017 Not reported (212) 210-2937		
Owner Mark:	First Owner		
Certify Date:	10/02/1992	Expiration:	10/02/1992
Total Capacity (Gal):	25000		
CBS Registration Num :	Not reported		
SPDES Number:	Not reported		
Lat/Long :	Not reported		
County Facility:	6101		
Facility Phone :	(718) 230-7367		
Num of Active Tanks :	6		
Facility Owner:	NEW YORK NEWS INC		
Facility Address:	220 E 42ND ST NY, NY 10017		
Owner Phone:	(212) 210-2937		
Facility Status:	1		
Certificate Needs Printed :	False		
Renewal Printed :	False		
Pre-printed Renewal Form Last Printed :	Not reported		
Fiscal Amt For Registration Fee Pbsrect:	True		
Dt Ownership Transfer Occurr in Computer :	10/08/1993		
Facility Record Updated:	True		

Operator:	PENSKE TRUCK LEASING		
Emergency:	DANIEL JEADER		
Emergency Tel:	(718) 797-4091	Old PBSNO:	Not reported
Facility Type:	TRUCKING/TRANSPORTATION		
Facility Owner:	DAILY NEWS GARAGE		
Facility Address:	280 DOUGLASS ST 280 DOUGLASS ST BKLYN, NY 11217		
Inspector:	Not reported	Inspect Date:	Not reported
Insp Result:	Not reported	Federal ID:	58-1899638
Owner:	MAXWELL NEWS PAPERS INC.		
Owner Tel:	(212) 210-6310	Owner Type:	Not reported
Owner Subtype:	Not reported		
Mail Address:	MAXWELL NEWS PAPERS, INC. 220 EAST 42ND STREET ROOM 800 NEW YORK, NY 10017 JAY SWARDENSKI, SR. V-P (212) 210-6510		
Owner Mark:	Second Owner		
Certify Date:	10/08/1998	Expiration:	10/08/1998
Total Capacity (Gal):	25000		
CBS Registration Num :	Not reported		
SPDES Number:	Not reported		
Lat/Long :	Not reported		
County Facility:	6101		
Facility Phone :	(718) 797-4091		
Num of Active Tanks :	6		
Facility Owner:	MAXWELL NEWS PAPERS INC.		

RYDER TRUCK RENTAL, INC. (Continued) **U003030983**

Facility Address: 220 EAST 42ND STREET, ROOM 800

NEW YORK, NY 10017

Owner Phone: (212) 210-6310
Facility Status: 1
Certificate Needs Printed : False
Renewal Printed : False
Pre-printed Renewal Form Last Printed : Not reported
Fiscal Amt For Registration Fee Pbsrect: True
Dt Ownership Transfer Occurr in Computer : 11/17/1995
Facility Record Updated: True

PBS Number:	2-333352	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	JERRY GASPARRINI (718) 694-9873		
Emergency Contact:	JERRY GASPARRINI (718) 694-9873		
Total Tanks:	0		
Owner:	RYDER TRUCK RENTAL, INC. 405A OAKWOOD ROAD HUNTINGTON STATION, NY 11746 (516) 271-8686		
Owner Type:	Corporate/Commercial		
Owner Mark:	Third Owner		
Owner Subtype:	Not reported		
Mailing Address:	RYDER TRUCK RENTAL, INC. ATTN: JERRY GASPARRINI 280 DOUGLAS STREET BROOKLYN, NY 11217 (718) 694-9873		
Tank Status:	Closed - In Place		
Capacity (gals):	4000		
Tank Location:	UNDERGROUND		
Tank Id:	004	Install Date:	04/01/1984
Tank Type:	Steel/carbon steel	Product Stored:	DIESEL
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/NONE		
Leak Detection:	NONE/NONE		
Overfill Prot:	None	Dispenser:	Suction
Date Tested:	03/01/1995	Next Test Date:	Not reported
Date Closed:	04/01/1998	Test Method:	TANK AUDITOR
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:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	02/07/1996
Old PBS Number:	Not reported	Expiration Date:	11/17/2000
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		

RYDER TRUCK RENTAL, INC. (Continued) **U003030983**

Facility Type: TRUCKING/TRANSPORTATION
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 61
Region: 2

PBS OWNHIST
Operator: HERTZ-PENSKE TRUCK LEASING
Emergency: JOSEPH GAGLIARDI
Emergency Tel: (201) 838-5531 Old PBSNO: Not reported
Facility Type: Not reported
Facility Owner: DAILY NEWS GARAGE
Facility Address: 280 DOUGLASS ST
BKLYN, NY 11217
Inspector: Not reported Inspect Date: Not reported
Insp Result: Not reported Federal ID: Not reported
Owner: NEW YORK NEWS INC
Owner Tel: (212) 210-2937 Owner Type: Not reported
Owner Subtype: Not reported
Mail Address: NEW YORK NEWS INC
220 E 42ND ST
NY, NY 10017
Not reported
(212) 210-2937
Owner Mark: First Owner
Certify Date: 10/02/1992 Expiration: 10/02/1992
Total Capacity (Gal): 25000
CBS Registration Num : Not reported
SPDES Number: Not reported
Lat/Long : Not reported
County Facility: 6101
Facility Phone : (718) 230-7367
Num of Active Tanks : 6
Facility Owner: NEW YORK NEWS INC
Facility Address: 220 E 42ND ST
NY, NY 10017
Owner Phone: (212) 210-2937
Facility Status: 1
Certificate Needs Printed : False
Renewal Printed : False
Pre-printed Renewal Form Last Printed : Not reported
Fiscal Amt For Registration Fee Pbsrect: True
Dt Ownership Transfer Occurr in Computer : 10/08/1993
Facility Record Updated: True

Operator: PENSKE TRUCK LEASING
Emergency: DANIEL JEADER
Emergency Tel: (718) 797-4091 Old PBSNO: Not reported
Facility Type: TRUCKING/TRANSPORTATION
Facility Owner: DAILY NEWS GARAGE
Facility Address: 280 DOUGLASS ST
280 DOUGLASS ST
BKLYN, NY 11217
Inspector: Not reported Inspect Date: Not reported
Insp Result: Not reported Federal ID: 58-1899638
Owner: MAXWELL NEWS PAPERS INC.
Owner Tel: (212) 210-6310 Owner Type: Not reported

RYDER TRUCK RENTAL, INC. (Continued) **U003030983**

Pipe External:	NONE/NONE		
Second Containment:	NONE/NONE		
Leak Detection:	NONE/NONE		
Overfill Prot:	None	Dispenser:	Suction
Date Tested:	03/01/1995	Next Test Date:	Not reported
Date Closed:	04/01/1998	Test Method:	TANK AUDITOR
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:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	02/07/1996
Old PBS Number:	Not reported	Expiration Date:	11/17/2000
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	TRUCKING/TRANSPORTATION		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		

PBS OWNHIST

Operator:	HERTZ-PENSKE TRUCK LEASING		
Emergency:	JOSEPH GAGLIARDI		
Emergency Tel:	(201) 838-5531	Old PBSNO:	Not reported
Facility Type:	Not reported		
Facility Owner:	DAILY NEWS GARAGE		
Facility Address:	280 DOUGLASS ST BKLYN, NY 11217		
Inspector:	Not reported	Inspect Date:	Not reported
Insp Result:	Not reported	Federal ID:	Not reported
Owner:	NEW YORK NEWS INC		
Owner Tel:	(212) 210-2937	Owner Type:	Not reported
Owner Subtype:	Not reported		
Mail Address:	NEW YORK NEWS INC 220 E 42ND ST NY, NY 10017 Not reported (212) 210-2937		
Owner Mark:	First Owner		
Certify Date:	10/02/1992	Expiration:	10/02/1992
Total Capacity (Gal):	25000		
CBS Registration Num :	Not reported		
SPDES Number:	Not reported		
Lat/Long :	Not reported		
County Facility:	6101		
Facility Phone :	(718) 230-7367		
Num of Active Tanks :	6		
Facility Owner:	NEW YORK NEWS INC		
Facility Address:	220 E 42ND ST NY, NY 10017		
Owner Phone:	(212) 210-2937		
Facility Status:	1		
Certificate Needs Printed :	False		
Renewal Printed :	False		

RYDER TRUCK RENTAL, INC. (Continued) **U003030983**

Pre-printed Renewal Form Last Printed :	Not reported		
Fiscal Amt For Registration Fee Pbsrect:	True		
Dt Ownership Transfer Occurr in Computer :	10/08/1993		
Facility Record Updated:	True		
Operator:	PENSKE TRUCK LEASING		
Emergency:	DANIEL JEADER		
Emergency Tel:	(718) 797-4091	Old PBSNO:	Not reported
Facility Type:	TRUCKING/TRANSPORTATION		
Facility Owner:	DAILY NEWS GARAGE		
Facility Address:	280 DOUGLASS ST 280 DOUGLASS ST BKLYN, NY 11217		
Inspector:	Not reported	Inspect Date:	Not reported
Insp Result:	Not reported	Federal ID:	58-1899638
Owner:	MAXWELL NEWS PAPERS INC.		
Owner Tel:	(212) 210-6310	Owner Type:	Not reported
Owner Subtype:	Not reported		
Mail Address:	MAXWELL NEWS PAPERS, INC. 220 EAST 42ND STREET ROOM 800 NEW YORK, NY 10017 JAY SWARDENSKI, SR. V-P (212) 210-6510		
Owner Mark:	Second Owner		
Certify Date:	10/08/1998	Expiration:	10/08/1998
Total Capacity (Gal):	25000		
CBS Registration Num :	Not reported		
SPDES Number:	Not reported		
Lat/Long :	Not reported		
County Facility:	6101		
Facility Phone :	(718) 797-4091		
Num of Active Tanks :	6		
Facility Owner:	MAXWELL NEWS PAPERS INC.		
Facility Address:	220 EAST 42ND STREET, ROOM 800 NEW YORK, NY 10017		
Owner Phone:	(212) 210-6310		
Facility Status:	1		
Certificate Needs Printed :	False		
Renewal Printed :	False		
Pre-printed Renewal Form Last Printed :	Not reported		
Fiscal Amt For Registration Fee Pbsrect:	True		
Dt Ownership Transfer Occurr in Computer :	11/17/1995		
Facility Record Updated:	True		

This is the most recent NY PBS data for this site.
The NY PBS database contains 1 additional record for this site.
Please contact your EDR Account Executive for more information.

L61 **RYDER TRUCK RENTAL INC** **RCRIS-SQG 1004756768**
East **280 DOUGLAS ST** **FINDS NYD981567431**
1/8-1/4 **BROOKLYN, NY 11217**
1128 ft.
Higher **Site 2 of 3 in cluster L**

RYDER TRUCK RENTAL INC (Continued) **1004756768**

RCRIS:
Owner: 280 INC
(516) 239-5831
EPA ID: NYD981567431

Contact: GERALD GASPARRINI
(718) 694-9873

Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

NY MANIFEST
Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

L62 **280 DOUGLAS ST** **LTANKS S101341149**
East **280 DOUGLAS ST** **NY Spills N/A**
1/8-1/4 **BROOKLYN, NY**
1128 ft.
Higher **Site 3 of 3 in cluster L**

SPILLS:

Spill Number:	9415530	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
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
Spiller Contact:	Not reported	Spiller Phone:	(718) 852-7000
Spiller:	WHALECO FUEL		
Spiller Address:	1 COFFEY ST BROOKLYN, NEW YORK 11231		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	03/01/1995		
Spill Cause:	Equipment Failure	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Spill Notifier:	Responsible Party	PBS Number:	Not reported
Spill Date:	02/28/1995 10:30	Reported to Dept:	02/28/1995 10:48
Cleanup Ceased:	03/01/1995		
Last Inspection:	Not reported		

Cleanup Meets Standard: True
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: Not reported
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 04/20/1995
Date Region Sent Summary to Central Office: Not reported

280 DOUGLAS ST (Continued) **S101341149**

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: 40
Units: Gallons
Unknown Qty Spilled: 40
Quantity Recovered: 40
Unknown Qty Recovered: False
Material: DIESEL
Class Type: Petroleum
Chem Abstract Service Number: DIESEL
Last Date: 07/28/1994
Num Times Material Entry In File: 10625
Remark: BAD GAUGE WHEN FILLING - PRODUCT VENTED ONTO THE ROOF OF THE BUILDING. 7-10 PEOPLE FROM WHALECO FUEL THERE NOW TO CLEAN UP. PETROLEEUM TANK C LEANERS WAS UP ON ROOF.
DEC Remarks: Not reported

LTANKS:
Spill Number: 9410669 | Region of Spill: 2
Facility Contact: Not reported | Facility Tele: Not reported
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
Spiller Contact: Not reported | Spiller Phone: (610) 775-6471
Spiller: PENSKE TRUCK
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: 03/10/1995
Spill Cause: Tank Test Failure | Resource Affected: On Land
Water Affected: Not reported | Spill Source: Other Commercial/Industrial
Spill Notifier: Tank Tester | PBS Number: Not reported
Spill Date: 11/10/1994 12:20 | Reported to Dept: 11/10/1994 12:24
Cleanup Ceased: 03/10/1995
Last Inspection: Not reported
Cleanup Meets Standard: True
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 04/17/1995
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 12/08/1994
Date Region Sent Summary to Central Office: Not reported
Tank Test:
PBS Number: Not reported
Tank Number: Not reported

280 DOUGLAS ST (Continued) **S101341149**

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: WASTE OIL
Class Type: Petroleum
Chem Abstract Service Number: WASTE OIL
Last Date: 09/27/1994
Num Times Material Entry In File: 9509
DEC Remarks: Not reported
Spill Cause: TO EX-TANK AFTER PUMPING OUT

---

63 **NYCHA - GOWANUS HOUSES** **RCRIS-SQG** **1001113325**
North **423 BALTIC AVE** **FINDS** **NYR000023150**
1/8-1/4 **BROOKLYN, NY 11217**
1172 ft.
Higher

RCRIS:
Owner: NYCHA
(718) 707-5731
EPA ID: NYR000023150
Contact: ANTHONY SOLOMITA
(718) 707-5731
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

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64 **DICENT SERVICE STATION INC.** **UST** **U003065840**
ENE **169 THIRD AVENUE** **N/A**
1/8-1/4 **BROOKLYN, NY 11215**
1265 ft.
Higher

PBS UST:
PBS Number: 2-402842
SPDES Number: Not reported
Operator: RAFAEL DICEN
(718) 624-3268
Emergency Contact: RAFAEL DICEN
(718) 624-3268
Total Tanks: 2
Owner: ASTI HOLDING CORPORATION
CBS Number: Not reported
SWIS ID: 6101

DICENT SERVICE STATION INC. (Continued) **U003065840**

121-03 DUPONT STREET
PLAINVIEW, NY 11803
(516) 349-8600

Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	ASTI HOLDING CORPORATION ATTN: JOSEPH MACCHIA, JR. 121-03 DUPONT STREET PLAINFIELD, NY 11803 (516) 349-8600		
Tank Status:	In Service		
Capacity (gals):	4000		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	12/01/1972
Tank Type:	Steel/carbon steel	Product Stored:	UNLEADED GASOLINE
Tank Internal:	FIBERGLASS LINER [FRP]	Pipe Internal:	NONE
Pipe Location:	Underground	Pipe Type:	OTHER
Tank External:	NONE/NONE		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE/NONE		
Second Containment:	NONE/NONE		
Leak Detection:	NONE/IN-TANK SYSTEM		
Overfill Prot:	High Level Alarm	Dispenser:	Suction
Date Tested:	09/01/1996	Next Test Date:	09/01/2001
Date Closed:	Not reported	Test Method:	HORNER
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	8000	Renewal Date:	Not reported
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	11/18/1997
Old PBS Number:	Not reported	Expiration Date:	10/15/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	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:	2-402842	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	RAFAEL DICEN (718) 624-3268		
Emergency Contact:	RAFAEL DICEN (718) 624-3268		
Total Tanks:	2		
Owner:	ASTI HOLDING CORPORATION 121-03 DUPONT STREET PLAINVIEW, NY 11803 (516) 349-8600		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		

DICENT SERVICE STATION INC. (Continued) **U003065840**

Mailing Address:	ASTI HOLDING CORPORATION ATTN: JOSEPH MACCHIA, JR. 121-03 DUPONT STREET PLAINFIELD, NY 11803 (516) 349-8600		
Tank Status:	In Service		
Capacity (gals):	4000		
Tank Location:	UNDERGROUND		
Tank Id:	002	Install Date:	12/01/1972
Tank Type:	Steel/carbon steel	Product Stored:	UNLEADED GASOLINE
Tank Internal:	FIBERGLASS LINER [FRP]	Pipe Internal:	NONE
Pipe Location:	Underground	Pipe Type:	OTHER
Tank External:	NONE/NONE		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE/NONE		
Second Containment:	NONE/NONE		
Leak Detection:	NONE/IN-TANK SYSTEM		
Overfill Prot:	High Level Alarm	Dispenser:	Suction
Date Tested:	09/01/1996	Next Test Date:	09/01/2001
Date Closed:	Not reported	Test Method:	HORNER
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	8000	Renewal Date:	Not reported
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	11/18/1997
Old PBS Number:	Not reported	Expiration Date:	10/15/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	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:	2-402842	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	RAFAEL DICEN (718) 624-3268		
Emergency Contact:	RAFAEL DICEN (718) 624-3268		
Total Tanks:	2		
Owner:	ASTI HOLDING CORPORATION 121-03 DUPONT STREET PLAINVIEW, NY 11803 (516) 349-8600		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	ASTI HOLDING CORPORATION ATTN: JOSEPH MACCHIA, JR. 121-03 DUPONT STREET PLAINFIELD, NY 11803 (516) 349-8600		
Tank Status:	Tank Converted to Non-Regulated Use		

DICENT SERVICE STATION INC. (Continued) **U003065840**

Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	003	Install Date:	03/01/1974
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:	3	Dispenser:	Gravity
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	08/01/1996	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:	8000	Renewal Date:	Not reported
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	11/18/1997
Old PBS Number:	Not reported	Expiration Date:	10/15/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	RETAIL GASOLINE SALES		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		

65
East
1/8-1/4
1269 ft.
Higher

ELECTRIC SWITCHBOARD CO INC
185 THIRD AVE
BROOKLYN, NY 11217

RCRIS-SQG **1000181231**
FINDS **NYD001548254**

RCRIS:
Owner: F RAYMOND WALSH
(212) 555-1212
EPA ID: NYD001548254

Contact: VINCENT J SOLLITTO
(718) 643-1105

Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

NY MANIFEST
Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

ELECTRIC SWITCHBOARD CO INC (Continued) **1000181231**

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

66
NE
1/4-1/2
1356 ft.
Higher

WYCKOFF GARDENS **LTANKS** **1001751096**
185 NEVINS ST **N/A**
BROOKLYN, NY

LTANKS:

Spill Number:	9811464	Region of Spill:	2
Facility Contact:	FRANK OCELLO	Facility Tele:	(212) 306-3229
Investigator:	SACCACIO	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
Spiller Contact:	FRANK OCELLO	Spiller Phone:	(212) 306-3229
Spiller:	NYC HOUSING AUTHORITY		
Spiller Address:	250 BROADWAY NEW YORK, NY 10007		
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	05/14/1999		
Spill Cause:	Tank Test Failure	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Spill Notifier:	Tank Tester	PBS Number:	2-474460
Spill Date:	12/11/1998 13:00	Reported to Dept:	12/11/1998 12:59
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported		

Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 05/14/1999
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 12/11/1998
Date Region Sent Summary to Central Office: Not reported
Tank Test:
PBS Number: Not reported
Tank Number: 2
Test Method: Horner EZ Check
Capacity of Failed Tank: 25000
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Talk 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: #2 FUEL OIL

WYCKOFF GARDENS (Continued) **1001751096**

Class Type: Petroleum
Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry In File: 24464
DEC Remarks: 5/14/99 -Saccacio- Subsequent tank test failure. Previous tank test fail ure 9010808) on 1/9/91 will remain open. Spill closed 5/14/99.
Spill Cause: FAILURE OF HORNER EZ 3 TANK TEST

---

67 SE 1/4-1/2 1362 ft. Higher

540 PRESIDENT STREET
540 PRESIDENT STREET
BROOKLYN, NY

LTANKS **S102672075 N/A**

LTANKS:

Spill Number:	9211878	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	TANG	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
Spiller Contact:	Not reported	Spiller Phone:	(718) 871-6269
Spiller:	HOLMES FUEL CO.		
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:	01/18/1993		
Spill Cause:	Tank Overfill	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Commercial Vehicle
Spill Notifier:	Fire Department	PBS Number:	Not reported
Spill Date:	01/18/1993 14:00	Reported to Dept:	01/18/1993 14:50
Cleanup Ceased:	01/18/1993		
Last Inspection:	Not reported		

Cleanup Meets Standard: True
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: Not reported
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 01/28/1993
Date Region Sent Summary to Central Office: 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: 100
Units: Gallons
Unknown Qty Spilled: 100
Quantity Recovered: 0
Unknown Qty Recovered: False

540 PRESIDENT STREET (Continued) **S102672075**

Material: #2 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry In File: 24464
DEC Remarks: Not reported
Spill Cause: HOLMES OVERFILLED TANK NYC DOS ON SCENE NOTIFIED CON ED SAND PLACE IN SP ILL HOLMES TO COME AND PICK UP CALLED FD HAZ MAT FIREMAN HANK REPORTED T HAT SPILLED FROM VENT PIPE CONTAINED ON SIDEWALK CLEANUP

68
SW
1/4-1/2
1599 ft.
Higher

PATTERSON CHEMICAL CO INC
102 3RD ST
BROOKLYN, NY 11231

RCRIS-SQG **1000403436**
FINDS **NYD980592471**
CORRACTS

CORRACTS Data:

EPA Id: NYD980592471
Region: 2
State: NY
Area Name: SITEWIDE
Original Scheduled Date: Not reported
New Scheduled Date: Not reported
Actual Date: 09/20/1994
Corrective Action: CA050 - RFA Completed

EPA Id: NYD980592471
Region: 2
State: NY
Area Name: SITEWIDE
Original Scheduled Date: 7/1/1994
New Scheduled Date: Not reported
Actual Date: 05/27/1994
Corrective Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority

RCRIS Corrective Action Summary:
Event: RFA Completed
Event Date: 09/20/1994

Event: CA Prioritization, Facility or area was assigned a low corrective action priority.
Event Date: 05/27/1994

RCRIS:
Owner: ACE TERMINALS
(212) 855-7676
EPA ID: NYD980592471

Contact: MOE STONE
(718) 855-7676

Rank Status: 3
Rank Date: 09/30/1995
Classification: Handler transports wastes, but commercial status is unknown, Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

PATTERSON CHEMICAL CO INC (Continued) **1000403436**

Violation Status: No violations found

NY MANIFEST
Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

M69 **175 3RD STREET** **LTANKS** **S102148318**
SSW **175 3RD STREET** **N/A**
1/4-1/2 **BROOKLYN, NY**
1607 ft.
Higher **Site 1 of 2 in cluster M**

LTANKS:

Spill Number:	9208180	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	SULLIVAN	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
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	Not reported		
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:	10/15/1992		
Spill Cause:	Tank Overfill	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Spill Notifier:	Other	PBS Number:	Not reported
Spill Date:	10/14/1992 17:00	Reported to Dept:	10/15/1992 11:03
Cleanup Ceased:	10/15/1992		
Last Inspection:	Not reported		

Cleanup Meets Standard:	True
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Date:	Not reported
Enforcement Date:	Not reported
Investigation Complete:	Not reported
UST Involvement:	False
Spill Record Last Update:	Not reported
Is Updated:	False
Corrective Action Plan Submitted:	Not reported
Date Spill Entered In Computer Data File:	10/15/1992
Date Region Sent Summary to Central Office:	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

(1950)
BROOKLYN, N.Y. VOL. 1

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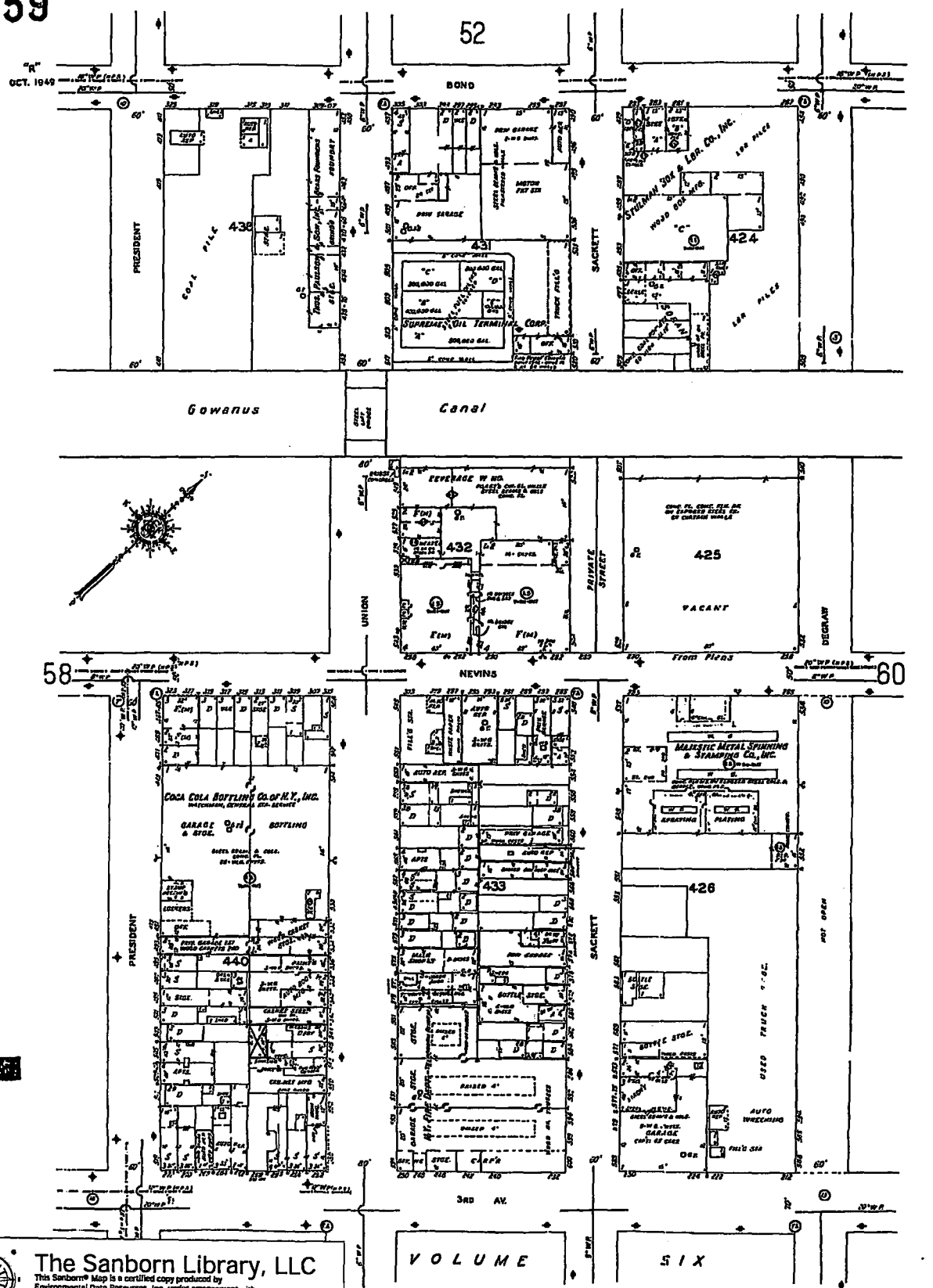
"R"
OCT. 1949



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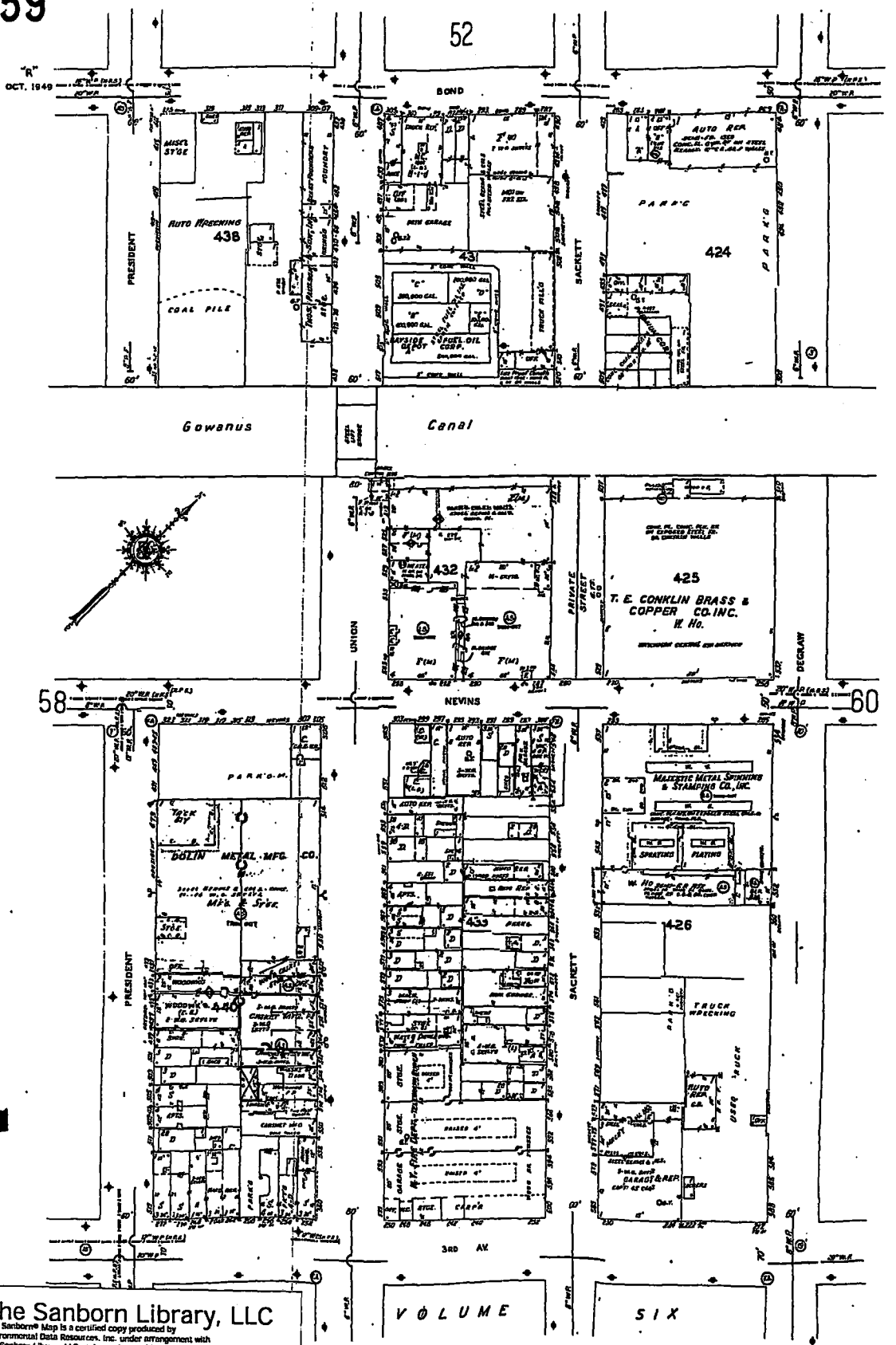

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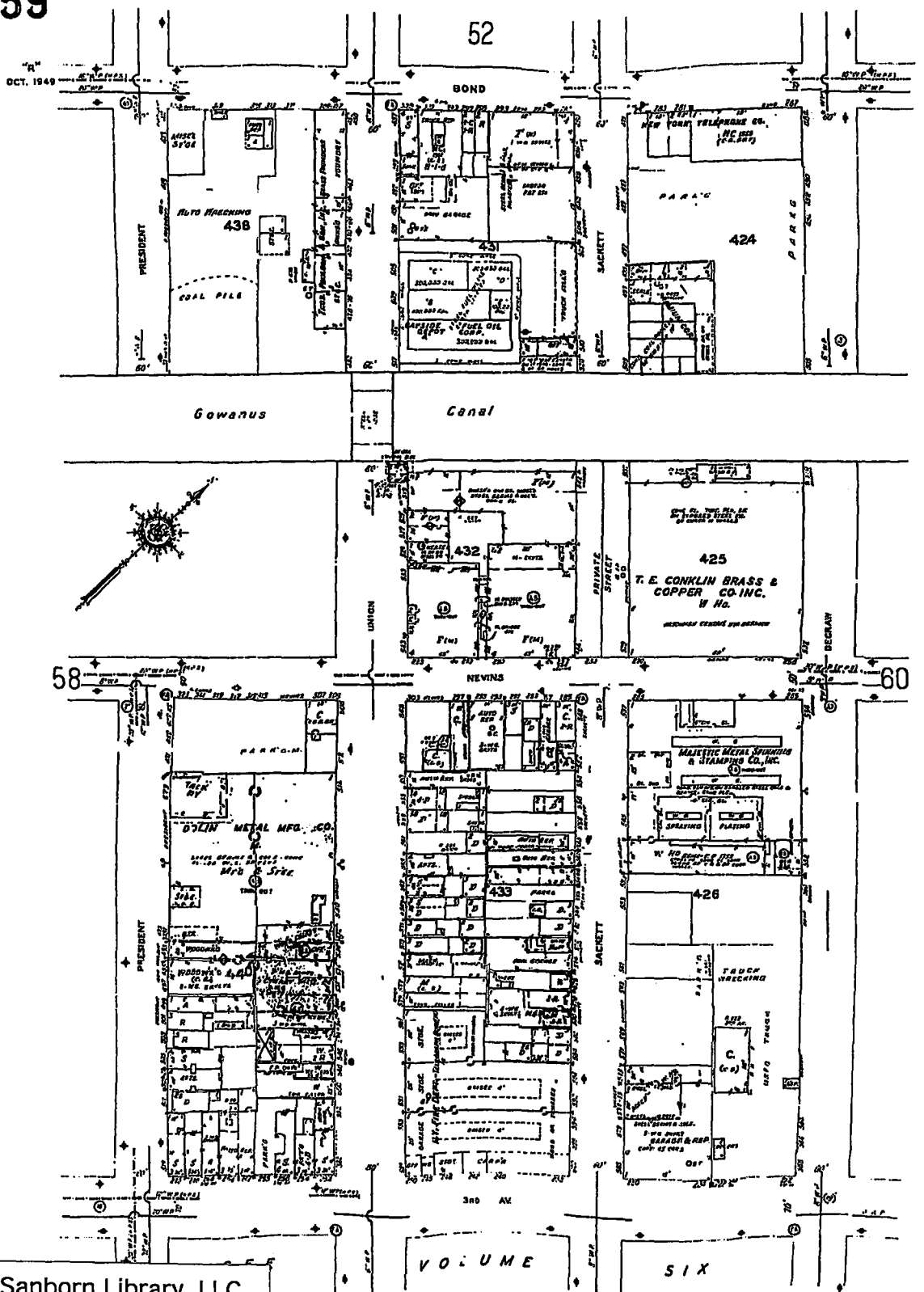

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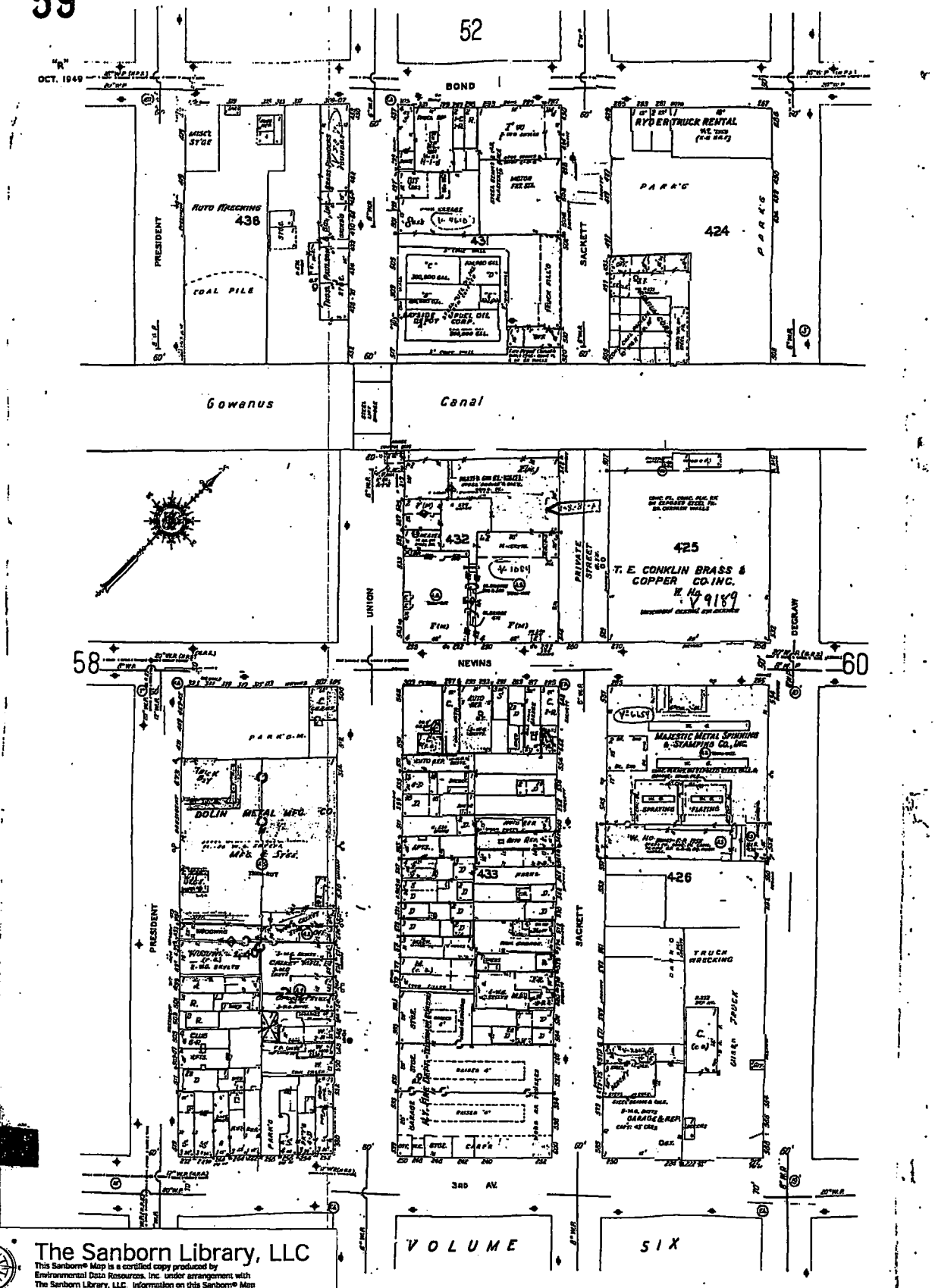

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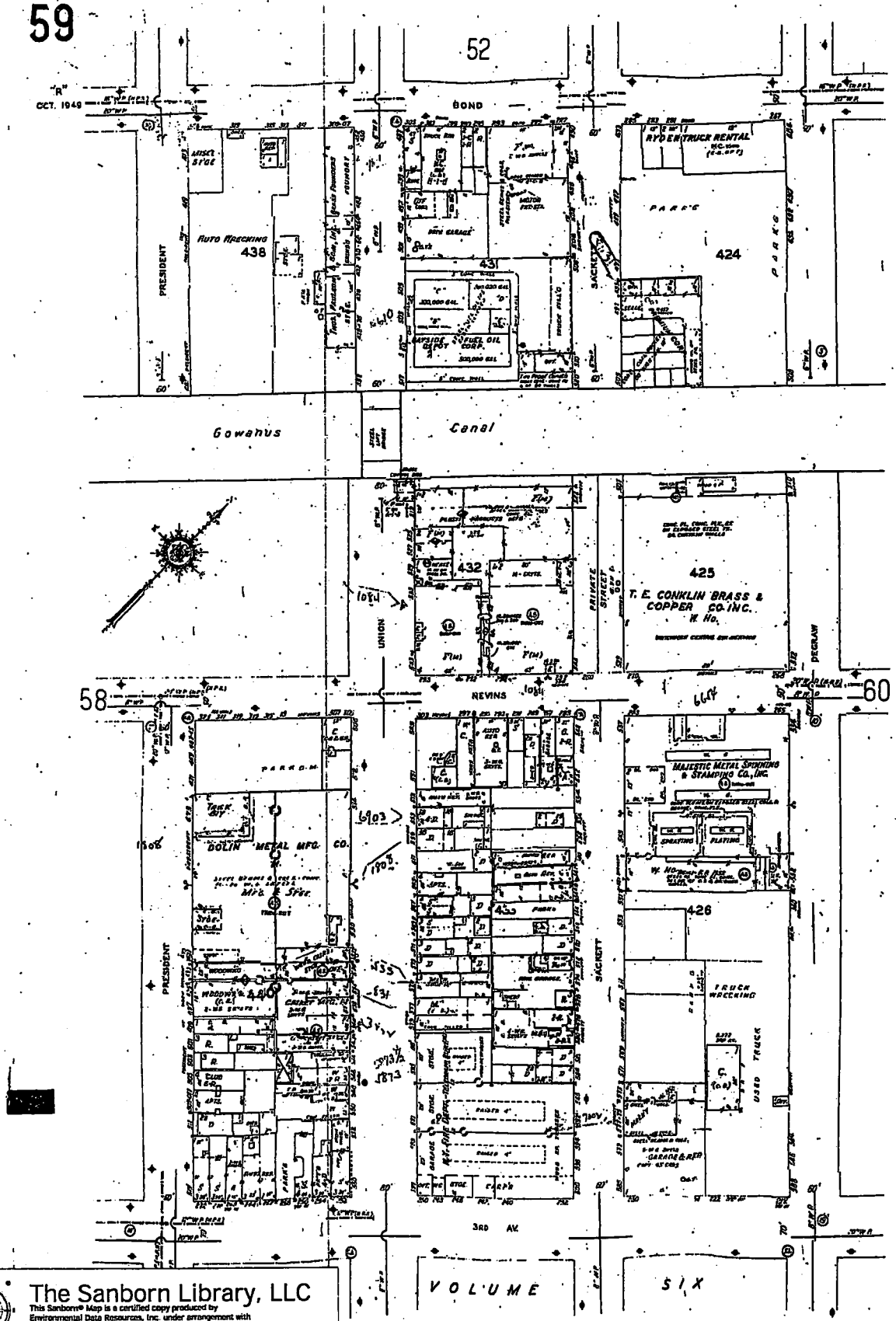

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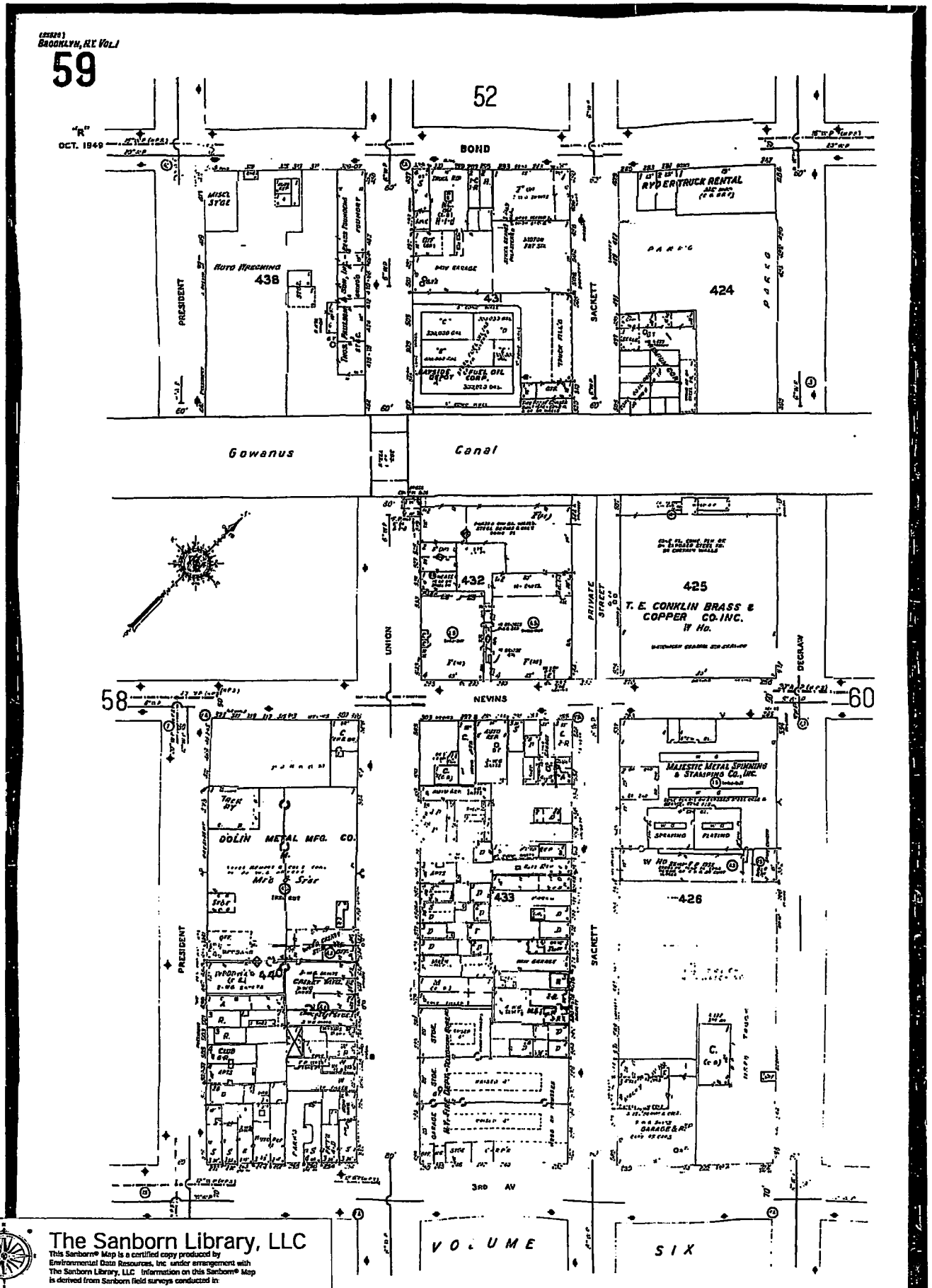

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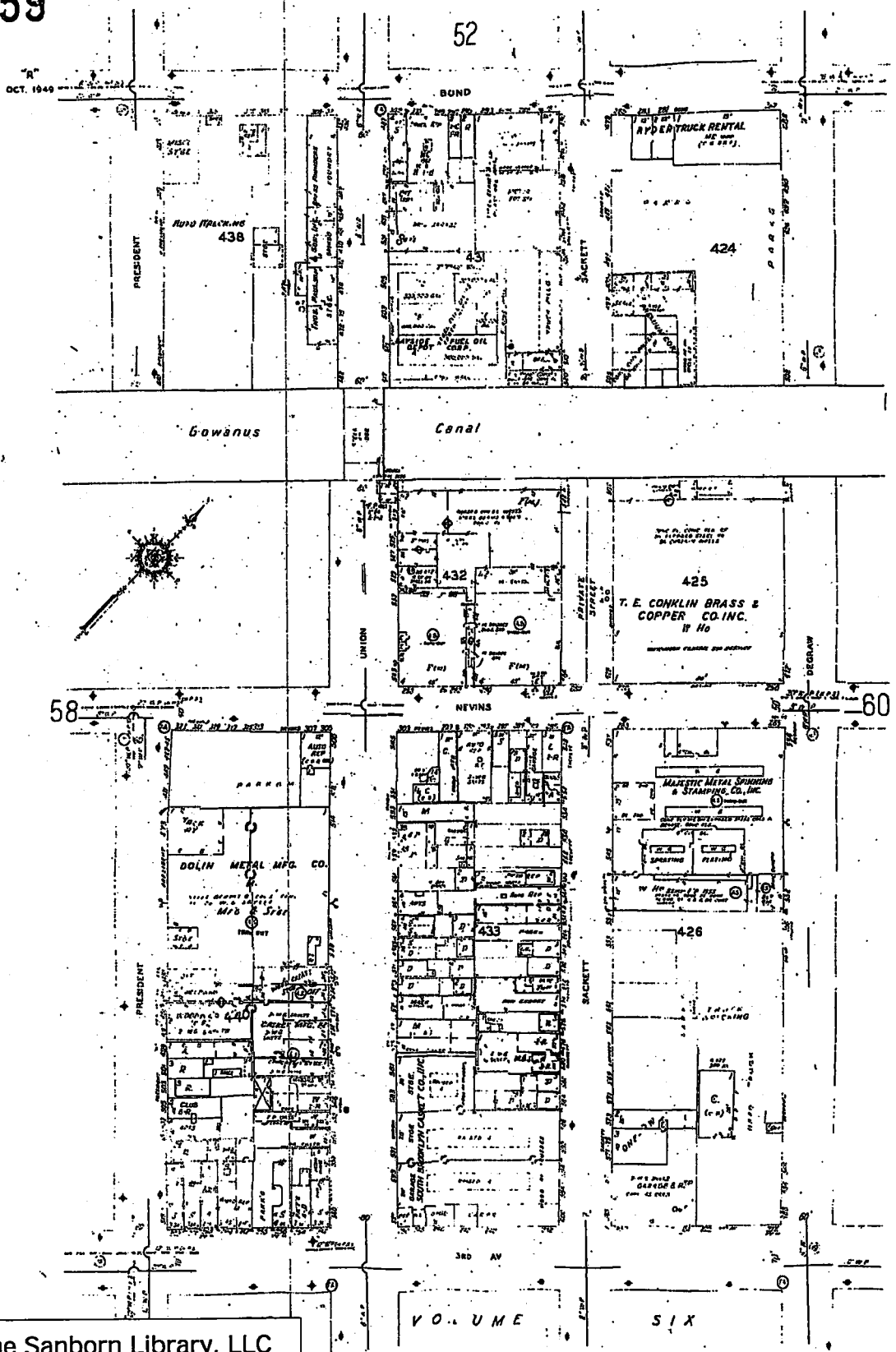

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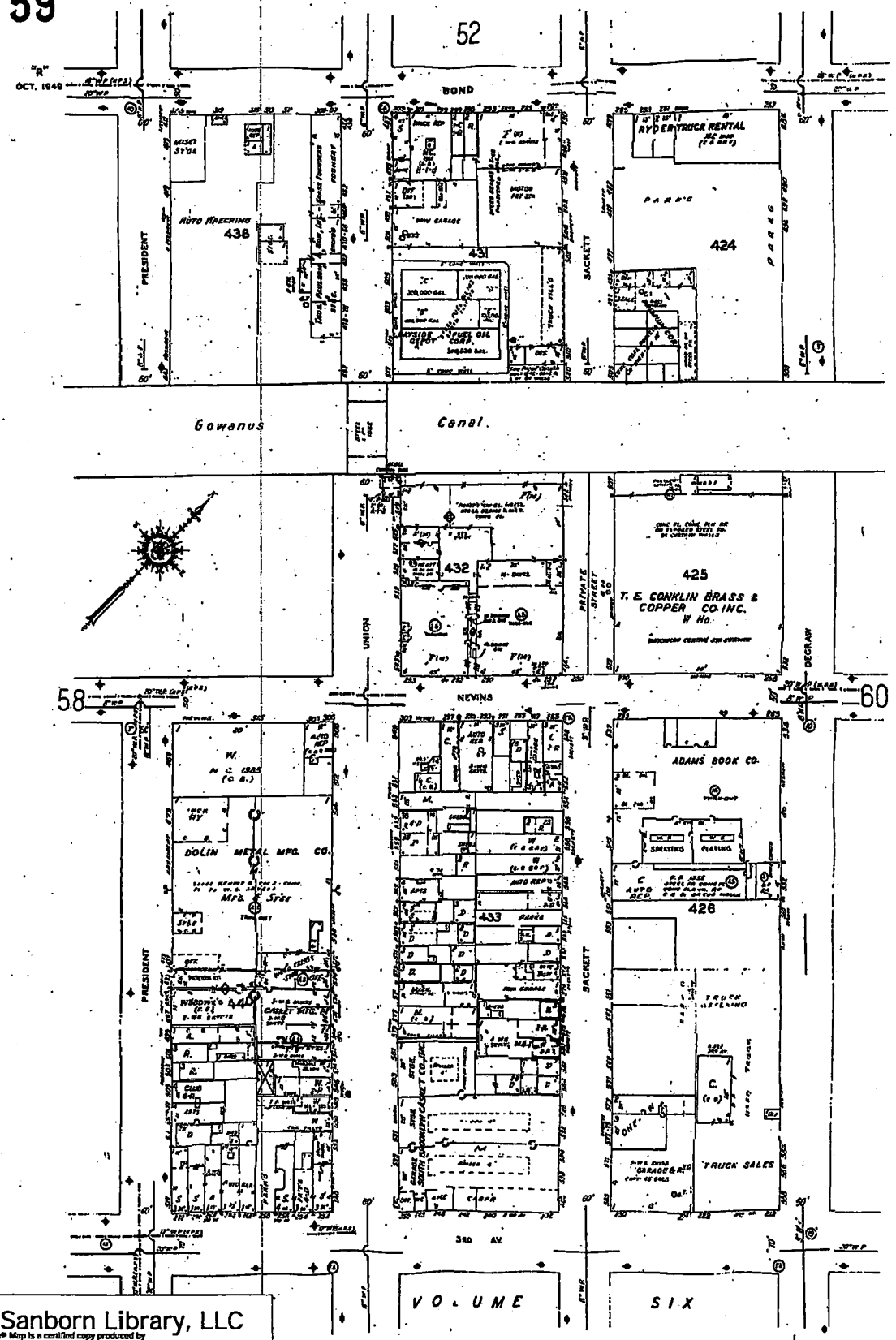

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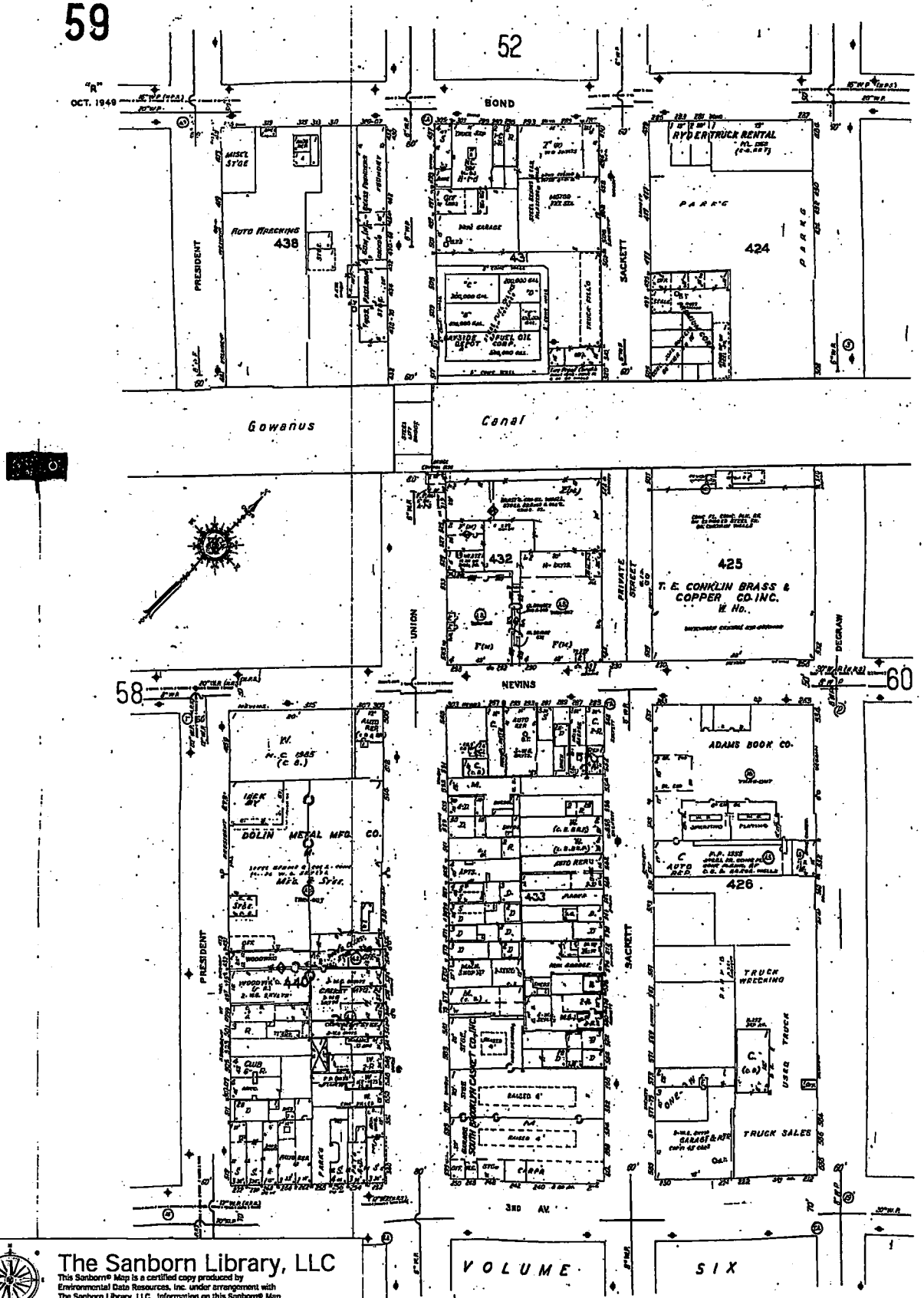

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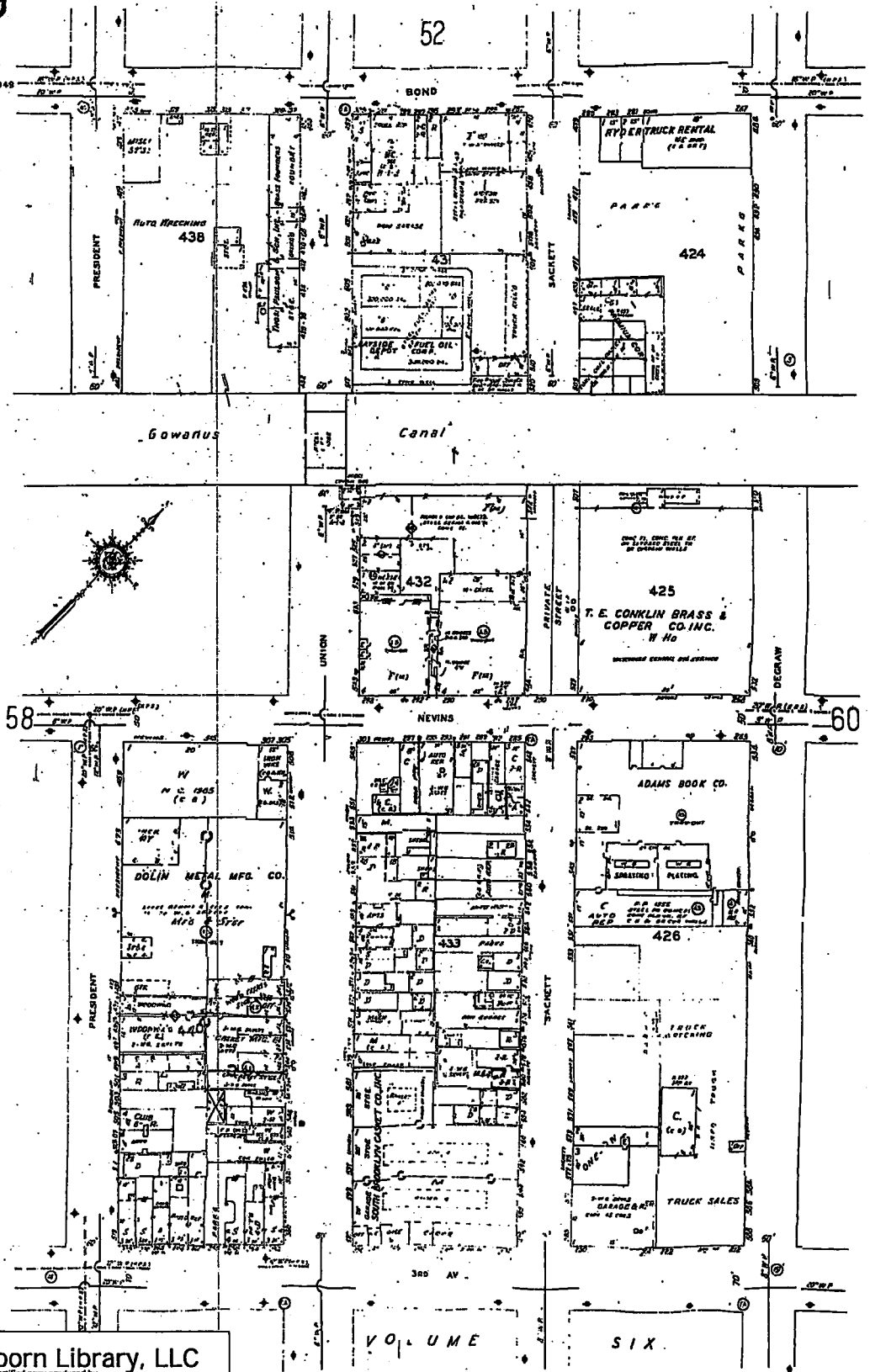

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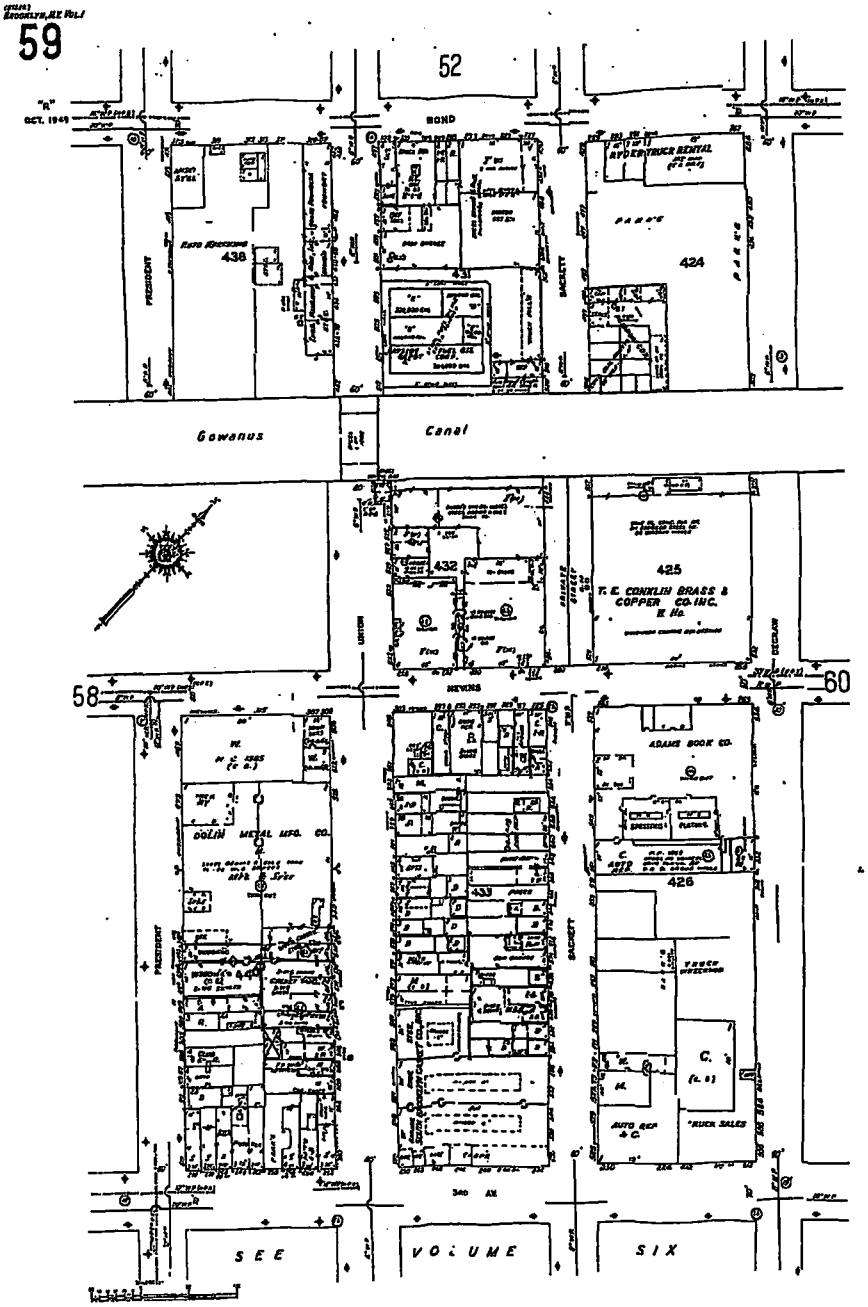

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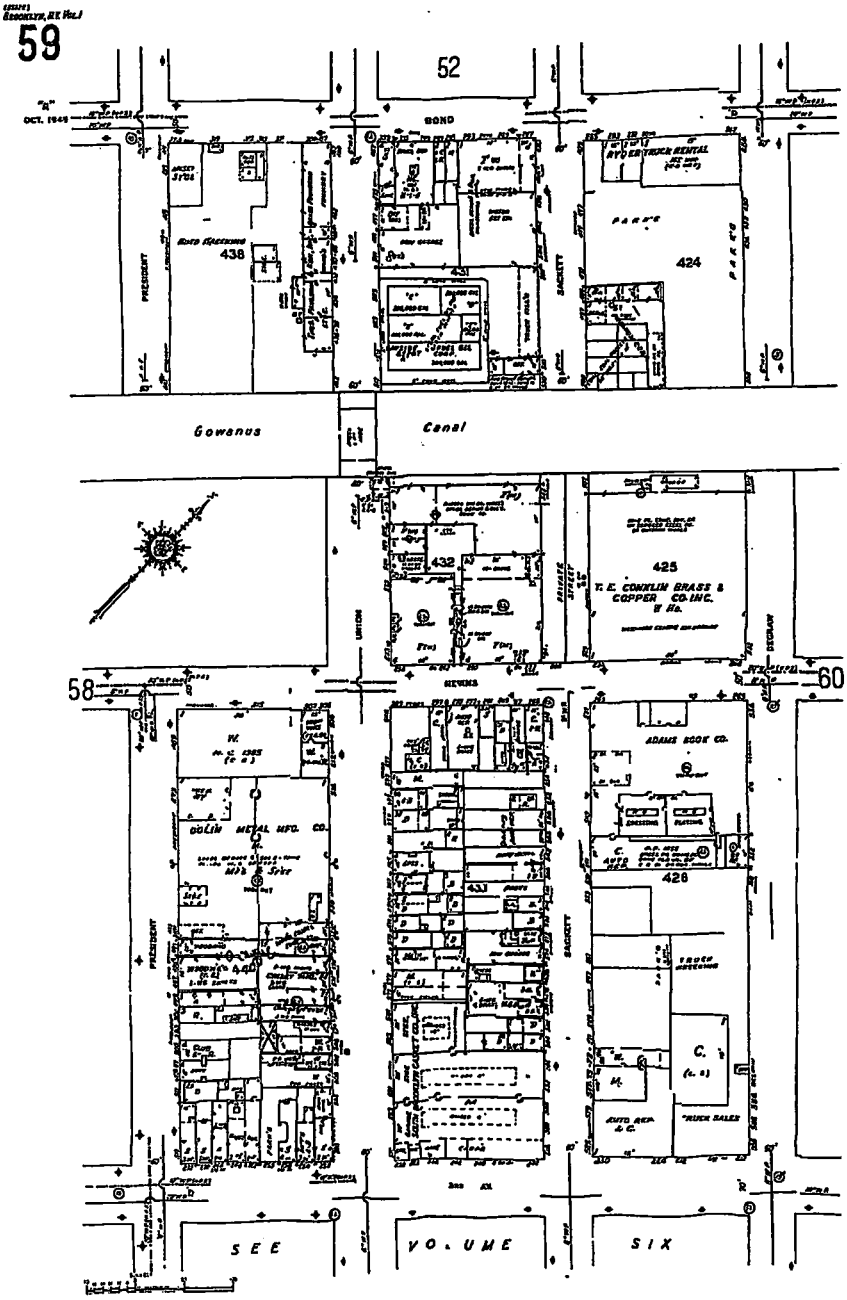

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175 3RD STREET (Continued) **S102148318**

Quantity Recovered: 0
Unknown Qty Recovered: False
Material: WASTE OIL
Class Type: Petroleum
Chem Abstract Service Number: WASTE OIL
Last Date: 09/27/1994
Num Times Material Entry In File: 9509
DEC Remarks: Not reported
Spill Cause: INITIAL INVESTIGATION SEEMS TO SHOW SURFACE TYPE SPILLAGE-SAMPLES IS BEI NG TESTED.

---

70 SSE 1/4-1/2 1612 ft. Higher **THIRD AVE YARD** **LTANKS S102234639**
222 1ST ST **NY Spills N/A**
BROOKLYN, NY

SPILLS:
Spill Number: 9706833
Facility Contact: JOHN DEVOTI
Investigator: O'CONNELL
Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
Spiller Contact: Not reported
Spiller: CON ED
Spiller Address: 4 IRVING PLACE
MANHATTAN, NY 10003
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 09/10/1997
Spill Cause: Equipment Failure
Water Affected: Not reported
Spill Notifier: Responsible Party
Spill Date: 09/08/1997 19:00
Cleanup Ceased: Not reported
Last Inspection: Not reported
Region of Spill: 2
Facility Tele: (212) 580-6763
SWIS: 61
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Spiller Phone: (212) 580-6763
Resource Affected: On Land
Spill Source: Commercial Vehicle
PBS Number: Not reported
Reported to Dept: 09/08/1997 20:44
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 07/03/2000
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 09/08/1997
Date Region Sent Summary to Central Office: 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: 100

THIRD AVE YARD (Continued) **S102234639**

Units: Gallons
Unknown Qty Spilled: 100
Quantity Recovered: 100
Unknown Qty Recovered: False
Material: WASTE OIL
Class Type: Petroleum
Chem Abstract Service Number: WASTE OIL
Last Date: 09/27/1994
Num Times Material Entry In File: 9509
Remark: FLUSH TRUCK FOR SEWERS WHILE IN OPERATION ACCIDENTLY SPILLED PRODUCT - ALL CONTAINED - POSS SEWER CONTAINATION - NOT VERIFIED
DEC Remarks: 9/9/97, 1643 hrs. called EH S, spoke with Paul Carbone. According to no tes taken by Glenn Newell, approximately 2 gallons got into an on-site c atch basin. DEP Anthony Henry) resp onded to the site. Con Ed vac ed out the catch basin and a servicebox, but no oil got to the sewer. The remaining 98 gallons spilled on the parking area and was vac ed up by Co n Ed.

This is the most recent NY SPILLS record for this site.
The NY SPILLS database contains 3 additional records for this site.
Please contact your EDR Account Executive for more information.

LTANKS:
Spill Number: 9605014 Region of Spill: 2
Facility Contact: PRIMEGGIA Facility Tele: (212) 580-6763
Investigator: O'CONNELL 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
Spiller Contact: PRIMEGGIA Spiller Phone: (212) 580-6763
Spiller: CON ED
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: Not reported
Spill Cause: Tank Overfill Resource Affected: On Land
Water Affected: Not reported Spill Source: Other Commercial/Industrial
Spill Notifier: Responsible Party PBS Number: Not reported
Spill Date: 07/17/1996 11:00 Reported to Dept: 07/17/1996 16:00
Cleanup Ceased: Not reported
Last Inspection: Not reported
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 09/30/1997
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 07/17/1996
Date Region Sent Summary to Central Office: Not reported
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported

THIRD AVE YARD (Continued) **S102234639**

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: True
Material: GASOLINE
Class Type: Petroleum
Chem Abstract Service Number: GASOLINE
Last Date: 09/29/1994
Num Times Material Entry In File: 21329
DEC Remarks: Transferred from Engelhardt to Kat on 7/22/96 at which time an investig ation at the site was in progress. 9/30/97: TRANSFERRED FROM KATZ TO O CONNELL.
Spill Cause: contaminated soil found around the underground gas tanks

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M71 **RED HOOK CRUSHERS, INC.** **SWF/LF** **S105265270**
SSW **186 3RD STREET** **N/A**
1/4-1/2 **BROOKLYN, NY**
1646 ft.
Higher **Site 2 of 2 in cluster M**

LF:
Facility ID: 24W90
DEC Region: 2
Permit issue date: / /
Authrzd/Operate Dt: / /
Auth. to Construct: / /
Regulatory Status: Registered
Started Rec Waste: / /
Fax: Not reported
Aquifer: none
Waste type: UNCONTAMINATED CONCRETE AND OTHER MASONRY WASTES
Owner Name: RED HOOK CRUSHERS
Mail Address: 186 3RD STREET
BROOKLYN, NY 11210
Owner Telephone: 7188559442
Annual Report Submitted to ALB:
Single Liner: False
Single Composite Liner: False
Double Liner: False
Double Composite Liner: False
Date Ordered On Consent Signed: / /
Accomplish Date Of Order: / /
Ny Transverse Mercator Coordinates East: 0
Ny Transverse Mercator Coordinates North: 0
Facility Code: W
Code: F
Tons: 0
Facility: F
Annual Report for 2001: False
Quarterly Report 1: False
Quarterly Report 2: False
Quarterly Report 3: False
Quarterly Report 4: False
IHWS number: 0

Telephone: 7188559442
Permit #: Not reported
Permit Expires: / /
Constrct Perm #: 0
Const Permit Exp: / /
Receiving Waste: True
Stop Rec Waste: / /
Owner Type: Private
Operator Name: Not reported

RED HOOK CRUSHERS, INC. (Continued) **S105265270**

IHWS classification: Not reported
Inactive HWS: False
1989: False
1990: False
1991: False
1992: False
1993: False
1994: False
1995: False
1996: False
1997: False
1998: False
1999: False
2000: False
Accounted For At Another Facility False
Quarter 1: False
Quarter 2: False
Quarter 3: False
Quarter 4: False
Remarks: Not reported
Comments: Not reported

N72 **WYCKOFF GARDENS** **LTANKS** **S100146694**
NE **272 WYCKOFF STREET** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
1656 ft.
Higher **Site 1 of 2 in cluster N**

LTANKS:

Spill Number:	9010808	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	SACCACIO	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
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	NYC HOUSING AUTHORITY		
Spiller Address:	250 BROADWAY NEW YORK, NY 10007		
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	Not reported		
Spill Cause:	Tank Test Failure	Resource Affected:	Groundwater
Water Affected:	Not reported	Spill Source:	Other Non Commercial/Industrial
Spill Notifier:	Tank Tester	PBS Number:	2-474460
Spill Date:	01/09/1991 10:00	Reported to Dept:	01/09/1991 15:50
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported		

Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 05/14/1999
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 01/16/1991

WYCKOFF GARDENS (Continued) **S100146694**

Date Region Sent Summary to Central Office: Not reported
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
PBS Number: Not reported
Tank Number: 002
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: Pounds
Unknown Qty Spilled: -1
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #2 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry In File: 24464
DEC Remarks: 5/14/99 -Saccacio- Subsequent tank test failure 9811464) on 12/11/98 cl osed and referred to this spill.
Spill Cause: 2) 25K TANKS FAILED HORNER EZY CHECK WITH A VISUAL LEAK AT TOP OF TAN K,TO REPAIR RETEST.

N73 **WYCKOFF GARDENS** **LTANKS** **S100781767**
NE **272 WYCKOFF STREET** **N/A**
1/4-1/2 **BROOKLYN, NY**
1656 ft.
Higher **Site 2 of 2 in cluster N**

LTANKS:
Spill Number: 9307448
Region of Spill: 2
Facility Contact: Not reported
Facility Tele: Not reported
Investigator: SACCACIO
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
Spiller Contact: Not reported
Spiller Phone: (718) 852-3832
Spiller: NYCHA
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: Not reported
Spill Cause: Tank Test Failure
Resource Affected: On Land
Water Affected: Not reported
Spill Source: Other Non Commercial/Industrial
Spill Notifier: Tank Tester
PBS Number: 2-474460
Spill Date: 09/20/1993 11:00
Reported to Dept: 09/20/1993 11:15
Cleanup Ceased: Not reported
Last Inspection: Not reported
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended

WYCKOFF GARDENS (Continued) **S100781767**

Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 09/27/1994
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 09/21/1993
Date Region Sent Summary to Central Office: Not reported
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: 0
Units: Not reported
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #2 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry In File: 24464
DEC Remarks: 10/10/95: This is additional information about material spilled from th e translation of the old spill file: TTF.
Spill Cause: VISUAL LEAKS AT TOP OF TANK. EMPTY TANK - PRESSURE TEST, GAS LEAK ULTR A SOUND TESTED.

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74 WSW 1/4-1/2 1659 ft. Higher

DEL'S AUTO REPAIR **LTANKS S103037408**
70 2ND ST/NEW UTRECT AVE **N/A**
BROOKLYN, NY

LTANKS:
Spill Number: 9713407
Region of Spill: 2
Facility Contact: Not reported
Facility Tele: Not reported
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
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller: DEL'S AUTO REPAIR
Spiller Address: 70 2ND ST/NEW UTRECT AVE BROOKLYN
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: Not reported
Spill Cause: Tank Test Failure
Resource Affected: On Land
Water Affected: Not reported
Spill Source: Other Commercial/Industrial
Spill Notifier: Tank Tester
PBS Number: Not reported
Spill Date: 03/03/1998 16:00
Reported to Dept: 03/03/1998 19:41
Cleanup Ceased: Not reported

DEL'S AUTO REPAIR (Continued) **S103037408**

Last Inspection: Not reported
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: True
Spill Record Last Update: 04/10/1998
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 03/03/1998
Date Region Sent Summary to Central Office: Not reported
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Homer EZ Check
Capacity of Failed Tank: 550
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
Chem Abstract Service Number: GASOLINE
Last Date: 09/29/1994
Num Times Material Entry In File: 21329
DEC Remarks: Not reported
Spill Cause: called in by calco to test tank - failed. no obvious spillage.

O75 **4TH & SACKETT STREET** **LTANKS** **S105053980**
ESE **4TH / SACKETT STREET** **N/A**
1/4-1/2 **BROOKLYN, NY**
1676 ft.
Higher **Site 1 of 2 in cluster O**

LTANKS:

Spill Number:	9113310	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	SULLIVAN	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
Spiller Contact:	Not reported	Spiller Phone:	(718) 625-7904
Spiller:	MERIT GAS STA.		
Spiller Address:	4TH & SACKETT ST. BROOKLYN, NY		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	08/03/1994		
Spill Cause:	Tank Test Failure	Resource Affected:	Groundwater
Water Affected:	Not reported	Spill Source:	Gas Station
Spill Notifier:	Tank Tester	PBS Number:	Not reported
Spill Date:	03/31/1992 14:30	Reported to Dept:	03/31/1992 15:21

4TH & SACKETT STREET (Continued) **S105053980**

Cleanup Ceased: 08/03/1994
Last Inspection: Not reported
Cleanup Meets Standard: True
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 08/03/1994
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 04/07/1992
Date Region Sent Summary to Central Office: Not reported
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: Not reported
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: WASTE OIL
Class Type: Petroleum
Chem Abstract Service Number: WASTE OIL
Last Date: 09/27/1994
Num Times Material Entry In File: 9509
DEC Remarks: 08/03/94: RETESTED AND PASSED 4/10/92. PASSING RESULTS GAVE TO PBS UNIT .
Spill Cause: WILL E.I.R., ALSO REG. UNLEADED PRODUCT LINE FAILED AT SAME LOCATION, LE AK RATE = .112 GPH.

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76 **ALL BORO'S** **LTANKS** **S102618894**
South **200 3RD ST** **N/A**
1/4-1/2 **BROOKLYN, NY**
1703 ft.
Higher

LTANKS:

Spill Number:	9702117	Region of Spill:	2
Facility Contact:	MIKE DENICOLA	Facility Tele:	(718) 858-7600
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
Spiller Contact:	MIKE DENICOLA	Spiller Phone:	(718) 858-7600
Spiller:	ALL BORO'S		
Spiller Address:	200 3RD ST BROOKLYN, NY		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	Not reported		
Spill Cause:	Tank Test Failure	Resource Affected:	On Land

ALL BORO'S (Continued) **S102618894**

Water Affected: Not reported
Spill Notifier: Tank Tester
Spill Date: 05/19/1997 13:00
Cleanup Ceased: Not reported
Last Inspection: Not reported
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 05/21/1997
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 05/19/1997
Date Region Sent Summary to Central Office: Not reported
Tank Test:
PBS Number: Not reported
Tank Number: 001
Test Method: Unknown
Capacity of Failed Tank: 550
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported
Material:
Material Class Type: Not reported
Quantity Spilled: Not reported
Units: Not reported
Unknown Qty Spilled: Not reported
Quantity Recovered: Not reported
Unknown Qty Recovered: Not reported
Material: Not reported
Class Type: Not reported
Chem Abstract Service Number: Not reported
Last Date: Not reported
Num Times Material Entry In File: Not reported
DEC Remarks: Not reported
Spill Cause: AIR PRESSURE TEST TO 10 LBS - TANK FAILED - NO LEAK

Spill Source: Other Commercial/Industrial
PBS Number: Not reported
Reported to Dept: 05/19/1997 13:17

P77 **572 WARREN STREET HOUSES** **LTANKS** **S102233327**
ENE **572 WARREN ST** **N/A**
1/4-1/2 **BROOKLYN, NY**
1738 ft.
Higher **Site 1 of 2 in cluster P**

LTANKS:
Spill Number: 9602519
Facility Contact: CALLER
Investigator: SACCACIO
Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
Spiller Contact: FRANK OCELLO
Spiller: NYC HOUSING AUTHORITY
Spiller Address: 250 BROADWAY
MANHATTAN, NY 10007
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: Not reported

Region of Spill: 2
Facility Tele: (718) 439-3135
SWIS: 61
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Spiller Phone: (212) 306-3229

572 WARREN STREET HOUSES (Continued) **S102233327**

Spill Cause: Tank Failure
Water Affected: Not reported
Spill Notifier: Other
Spill Date: 05/22/1996 10:00
Cleanup Ceased: Not reported
Last Inspection: Not reported
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 04/15/1998
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 05/22/1996
Date Region Sent Summary to Central Office: 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: 10
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #2 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry In File: 24464
DEC Remarks: Not reported
Spill Cause: removing a 10,000 gallon heating oil tank. under the tank there was some trapped water that had a petroleum sheen on it. less than 10 gallons are visible.

Resource Affected: On Land
Spill Source: Other Non Commercial/Industrial
PBS Number: 2-474479
Reported to Dept: 05/22/1996 11:46

P78 **WYCKOFF CONSOLIDATED** **LTANKS** **S100177034**
ENE **572 WARREN ST** **N/A**
1/4-1/2 **BKLYN, NY**
1738 ft.
Higher **Site 2 of 2 in cluster P**

LTANKS:
Spill Number: 9105220
Facility Contact: Not reported
Investigator: SACCACIO
Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
Spiller Contact: Not reported
Spiller: NYCHA
Spiller Address: Not reported

Region of Spill: 2
Facility Tele: Not reported
SWIS: 61
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Spiller Phone: (212) 306-3142

WYCKOFF CONSOLIDATED (Continued) **S100177034**

Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: Not reported
Spill Cause: Tank Test Failure
Water Affected: Not reported
Spill Notifier: Tank Tester
Spill Date: 08/14/1991 13:30
Cleanup Ceased: Not reported
Last Inspection: Not reported
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 08/07/1995
Is Updated: False
Resource Affected: On Land
Spill Source: Other Non Commercial/Industrial
PBS Number: 2-474479
Reported to Dept: 08/14/1991 15:27
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 10/09/1991
Date Region Sent Summary to Central Office: Not reported
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: Gallons
Unknown Qty Spilled: -1
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #2 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry In File: 24464
DEC Remarks: Not reported
Spill Cause: GROSS LEAK

O79 **MERRITT GAS STATION** **LTANKS** **S104276740**
ESE **204-222 4TH AV** **N/A**
1/4-1/2 **BROOKLYN, NY**
1762 ft.
Higher **Site 2 of 2 in cluster O**

LTANKS:
Spill Number: 9515732
Facility Contact: Not reported
Investigator: O'DOWD
Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
Spiller Contact: Not reported
Spiller: MERRITT GAS STATION
Spiller Address: 204-222 4TH AV
Region of Spill: 2
Facility Tele: Not reported
SWIS: 61
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Spiller Phone: Not reported

MERRITT GAS STATION (Continued) **S104276740**

BROOKLYN, NY
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 06/11/1997
Spill Cause: Tank Test Failure
Resource Affected: On Land
Water Affected: Not reported
Spill Source: Gas Station
Spill Notifier: Other
PBS Number: Not reported
Spill Date: 03/07/1996 16:20
Reported to Dept: 03/07/1996 16:44
Cleanup Ceased: Not reported
Last Inspection: Not reported
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: True
Spill Record Last Update: 06/11/1997
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 03/07/1996
Date Region Sent Summary to Central Office: 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: 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: 09/29/1994
Num Times Material Entry In File: 21329
DEC Remarks: SEE SPILL 9605719.
Spill Cause: line failed during testing - failure .12 gallons per hour

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80
ESE
1/4-1/2
1788 ft.
Higher

RINALDI RECYCLING INC **SWRCY** **S104562112**
182 4RH AVE **N/A**
BROOKLYN, NY

NY SWRCY
Permit #: Not reported
Owner Name: Dominick Rinaldi
Contact Tele: (718) 522-6648
Material Accepted: Not reported

Q81 **MCIZ CORP** **LTANKS** **S102619097**
SSW **1-25 2ND AV** **N/A**
1/4-1/2 **BROOKLYN, NY**
1880 ft.
Higher **Site 1 of 2 in cluster Q**

LTANKS:

Spill Number:	9603998	Region of Spill:	2
Facility Contact:	JACK MARMURSTEIN	Facility Tele:	(718) 875-8200
Investigator:	SIGONA	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
Spiller Contact:	JACK MARMURSTEIN	Spiller Phone:	(718) 875-8200
Spiller:	MCIZ CORP		
Spiller Address:	1-25 2ND AV BROOKLYN, NY		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	Not reported		
Spill Cause:	Tank Test Failure	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Spill Notifier:	Other	PBS Number:	Not reported
Spill Date:	06/24/1996 11:00	Reported to Dept:	06/24/1996 11:36
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported		

Cleanup Meets Standard:	False
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Date:	Not reported
Enforcement Date:	Not reported
Investigation Complete:	Not reported
UST Involvement:	False
Spill Record Last Update:	07/03/1996
Is Updated:	False
Corrective Action Plan Submitted:	Not reported
Date Spill Entered In Computer Data File:	06/24/1996
Date Region Sent Summary to Central Office:	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:	0
Units:	Gallons
Unknown Qty Spilled:	No
Quantity Recovered:	0
Unknown Qty Recovered:	False
Material:	DIESEL
Class Type:	Petroleum
Chem Abstract Service Number:	DIESEL
Last Date:	07/28/1994
Num Times Material Entry In File:	10625

DEC Remarks: Not reported
Spill Cause: CALLERS COMPANY HIRED FOR TANK TESTING AND DISCOVERED THE FAILURE - NO P

MCIZ CORP (Continued) **S102619097**

RODUCT HAS LEAKED ONTO THE GROUND

82
ENE
1/4-1/2
1921 ft.
Higher

105 3RD AVE
105 3RD AVE
BROOKLYN, NY

LTANKS **S102672023**
N/A

LTANKS:

Spill Number:	9210549	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	SIGONA	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
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	Not reported		
Spiller Address:	Not reported		
Spill Class:	Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	11/12/1998		
Spill Cause:	Tank Overfill	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Private Dwelling
Spill Notifier:	Responsible Party	PBS Number:	Not reported
Spill Date:	12/12/1992 15:00	Reported to Dept:	12/13/1992 06:04
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported		

Cleanup Meets Standard:	True
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Date:	Not reported
Enforcement Date:	Not reported
Investigation Complete:	Not reported
UST Involvement:	False
Spill Record Last Update:	11/12/1998
Is Updated:	False
Corrective Action Plan Submitted:	Not reported
Date Spill Entered In Computer Data File:	12/15/1992
Date Region Sent Summary to Central Office:	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:	Gallons
Unknown Qty Spilled:	-1
Quantity Recovered:	0
Unknown Qty Recovered:	False
Material:	#2 FUEL OIL
Class Type:	Petroleum
Chem Abstract Service Number:	#2 FUEL OIL
Last Date:	12/07/1994
Num Times Material Entry In File:	24464

105 3RD AVE (Continued) **S102672023**

DEC Remarks: Not reported
Spill Cause: BAERENKLAU OIL APPLIED SPEEDY-DRY

83
East
1/4-1/2
1943 ft.
Higher

124 4TH AVENUE
124 4TH AVENUE
BROOKLYN, NY

LTANKS **S101658438**
N/A

LTANKS:

Spill Number:	9505523	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	ROMMEL	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
Spiller Contact:	Not reported	Spiller Phone:	(718) 626-8083
Spiller:	CITGO 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:	Not reported		
Spill Cause:	Tank Test Failure	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Gas Station
Spill Notifier:	Tank Tester	PBS Number:	Not reported
Spill Date:	08/03/1995 12:00	Reported to Dept:	08/03/1995 18:36
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported		

Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: Not reported
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 09/25/1995
Date Region Sent Summary to Central Office: Not reported

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: Yes
- 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

124 4TH AVENUE (Continued) **S101658438**

DEC Remarks: Not reported
Spill Cause: PRODUCT LINE TEST - REMOTE DISCHARGE LINES LEAK RATE - 3

84
SW
1/4-1/2
1943 ft.
Higher

66 4TH ST
BROOKLYN, NY

LTANKS **S105135174**
N/A

LTANKS:

Spill Number:	0106619	Region of Spill:	2
Facility Contact:	NEW YORK PETROLIUM AND DR	Facility Tele:	(516) 338-0626
Investigator:	DEMEO	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
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	SAME		
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:	Not reported		
Spill Cause:	Tank Test Failure	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Other Non Commercial/Industrial
Spill Notifier:	Tank Tester	PBS Number:	Not reported
Spill Date:	09/25/2001 08:30	Reported to Dept:	09/25/2001 12:58
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported		

Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 09/26/2001
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 09/25/2001
Date Region Sent Summary to Central Office: Not reported

Tank Test:

PBS Number:	Not reported
Tank Number:	1
Test Method:	Horner EZ Check
Capacity of Failed Tank:	550
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:	False
Material:	#2 FUEL OIL
Class Type:	Petroleum
Chem Abstract Service Number:	#2 FUEL OIL
Last Date:	12/07/1994
Num Times Material Entry In File:	24464

(Continued) S105135174

DEC Remarks: Not reported
Spill Cause: Not reported

---

85 NE 1/4-1/2 1960 ft. Higher

ULANO CORP
280 BERGEN ST
BROOKLYN, NY 11217

RCRIS-SQG 1000317853
FINDS 11217LNCRP28
TRIS
UST
LTANKS

RCRIS:
Owner: ULANO CORP
(718) 622-5200
EPA ID: NYD091576538

Contact: JOHN LEE
(718) 237-3022

Classification: Handler transports wastes, but commercial status is unknown, Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: Not reported
Area of Violation: NYGCE
Date Violation Determined: 02/26/2001
Actual Date Achieved Compliance: 06/01/2001

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 04/11/2001
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 06/15/2000
Actual Date Achieved Compliance: 07/26/2000

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 02/28/1985
Penalty Type: Not reported

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/09/2000
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 12/04/1992
Actual Date Achieved Compliance: 01/14/1993

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 12/04/1992
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 07/06/1988
Actual Date Achieved Compliance: 01/27/1989

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 08/01/1988
Penalty Type: Not reported

Regulation Violated: Not reported

ULANO CORP (Continued) **1000317853**

Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 08/15/1984
Actual Date Achieved Compliance: 05/22/1985

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 02/28/1985
Penalty Type: Not reported

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/09/2000
Penalty Type: Not reported

There are 5 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	NYGCE	20010601
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	20000726
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19930114
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19890127
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19850522

NY MANIFEST
Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.
CT MANIFEST
Additional detail is available in CT MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
AIRS Facility System (AIRS/AFS)
Facility Registry System (FRS)
National Emissions Trends (NET)
Resource Conservation and Recovery Act Information system (RCRAINFO)
Toxic Chemical Release Inventory System (TRIS)

LTANKS:
Spill Number: 9713764
Facility Contact: ABOVE CALLER
Investigator: SIGONA
Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
Spiller Contact: ABOVE CALLER
Spiller: ULAMO CORP
Spiller Address: 280 BERGIN ST
BROOKLYN
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 05/18/1999
Spill Cause: Tank Test Failure
Water Affected: Not reported
Spill Notifier: Responsible Party
Spill Date: 03/12/1998 11:45
Cleanup Ceased: Not reported
Last Inspection: Not reported
Cleanup Meets Standard: True
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Region of Spill: 2
Facility Tele: Not reported
SWIS: 61
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Spiller Phone: Not reported
Resource Affected: On Land
Spill Source: Other Commercial/Industrial
PBS Number: 2-295345
Reported to Dept: 03/12/1998 11:57

ULANO CORP (Continued) **1000317853**

Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 05/18/1999
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 03/12/1998
Date Region Sent Summary to Central Office: Not reported
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Tankology [Vacutect]
Capacity of Failed Tank: 10000
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Talk 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: #2 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry In File: 24464
DEC Remarks: DEC Sigona) received investigtory report in May 1998 documenting the ca use of the tank test failure leaking petrometer). Letter sent to facili ty owner on May 18, 1999 to close spill.
Spill Cause: tank test failure - will isolate and retest

PBS UST:

PBS Number:	2-295345	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	ULANO CORPORATION (718) 622-5200		
Emergency Contact:	ANTHONY MELENDI (718) 253-6945		
Total Tanks:	1		
Owner:	ULANO CORPORATION 255 BUTLER ST BROOKLYN, NY 11217 (718) 622-5200		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	ULANO CORPORATION 255 BUTLER ST BROOKLYN, NY 11217 (718) 622-5200		
Tank Status:	In Service		
Capacity (gals):	10000		
Tank Location:	UNDERGROUND		
Tank Id:	01	Install Date:	Not reported
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		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 871320.3s

- County Boundary
- Major Roads
- Contour Lines
- (W) Water Wells
- (P) Public Water Supply Wells
- Groundwater Flow Direction
- (GI) Indeterminate Groundwater Flow at Location
- (GV) Groundwater Flow Varies at Location
- Cluster of Multiple Icons
- (O) Earthquake epicenter, Richter 5 or greater
- (HD) Closest Hydrogeological Data

TARGET PROPERTY:	Gowanus Canal	CUSTOMER:	Galli Engineering PC
ADDRESS:	510 Sackett Street	CONTACT:	Bill Conroy
CITY/STATE/ZIP:	Brooklyn NY 11217	INQUIRY #:	871320.3s
LAT/LONG:	40.6802 / 73.9882	DATE:	December 13, 2002 7:55 am

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GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: New York Radon Basement Screening Results for 11217:

Number of sites tested: 24

Average (pCi/L)	Geometric Mean (pCi/L)	Geometric Std Dev.	Maximum (pCi/L)	% Homes >4 pCi/L	% Homes >20 pCi/L
1.2	1.0	1.8	2.1	0.0	0.0

Federal EPA Radon Zone for KINGS County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for KINGS COUNTY, NY

Number of sites tested: 51

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area	0.750 pCi/L	100%	0%	0%
Basement	1.370 pCi/L	88%	10%	2%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STATE RECORDS

New York Public Water Wells
Source: New York Department of Health
Telephone: 518-458-6731

New York Facility and Manifest Data
Source: NYSDEC
Telephone: 518-457-6585
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

RADON

New York Radon Basement Screening Results
Source: New York Department of Health
Telephone: 518-402-7556

Area Radon Information
Source: USGS
Telephone: 303-202-4210
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 202-564-9370
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Environmental Data Resources, Inc.

"Linking Technology with Tradition"

Sanborn® Map Report

Ship to: Bill Conroy
Galli Engineering PC
734 Walt Whitman Road
Melville, NY 11747

1012236MAS 516-271-9292

Order Date: 10/28/2002 **Completion Date:** 10/28/2002
Inquiry #: 871320.4S
P.O. #: Gowanus Canal
Site Name: Gowanus Canal
Address: 510 Sackett Street
City/State: Brooklyn, NY 11217
Cross Streets:

Based on client-supplied information, fire insurance maps for the following years were identified

1886 - 1 - map	1980 - 1 - map	1993 - 1 - map
1904 - 1 - map	1981 - 1 - map	1995 - 1 - map
1915 - 1 - map	1982 - 1 - map	1996 - 1 - map
1939 - 1 - map	1986 - 1 - map	
1950 - 1 - map	1987 - 1 - map	
1969 - 1 - map	1988 - 1 - map	
1977 - 1 - map	1991 - 1 - map	
1979 - 1 - map	1992 - 1 - map	

Total Maps: 19

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Electronic Sanborn Map Images
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Organization of Electronic Sanborn Image File

- First Page — Sanborn Map Report, listing years of coverage
- Second Page — Electronic Sanborn Map Images USER'S GUIDE
- Third Page — Oldest Sanborn Map Image
- Last Page — Most recent Sanborn Map Image

Navigating the Electronic Sanborn Image File

- Open file on screen.
- Identify TP (Target Property) on the most recent map.
- Find TP on older printed images.
- Using Acrobat, zoom to 250% in order to view more clearly.
  - 200-250% is the approximate equivalent scale of hardcopy Sanborn Maps.
- Zooming in on an image:
  - On the menu bar, click "View" and then zoom.
  - Use the magnifying tool and drag a box around the TP area.

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- EDR recommends printing all images at 300 dpi (300 dpi prints faster than 600 dpi).
- To print only the TP area, cut and paste the area from Adobe Acrobat to your word processor.

Acrobat Version 4

- Go to the Menu bar
- Press and hold the "T" button
- Choose the Graphics Select Tool
- Draw a box around the area selected
- Go to "Menu"
- Highlight "Edit"
- Highlight "Copy"
- Go to a word processor such as Microsoft Word, paste and print.

Acrobat Version 5

- Go to the Menu Bar.
- Click the "Graphics Select Tool"
- Draw a box around the area selected
- Go to "Menu"
- Highlight "Edit"
- Highlight "Copy"
- Go to a word processor such as Microsoft Word, paste and print.

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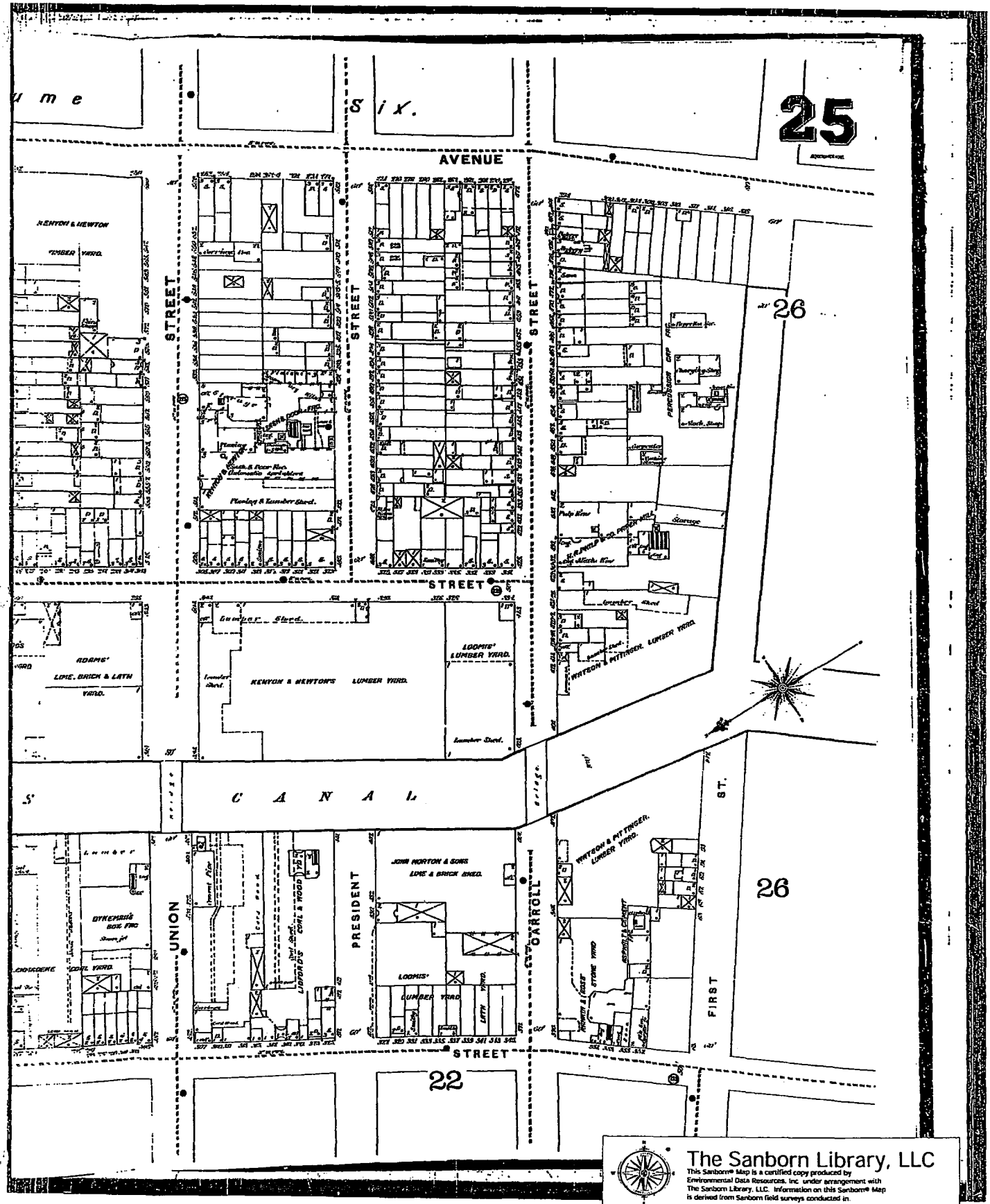
- Due to file size limitations, certain ISPs, including AOL, may occasionally delay or decline to deliver files. Please contact your ISP to identify their specific file size limitations.



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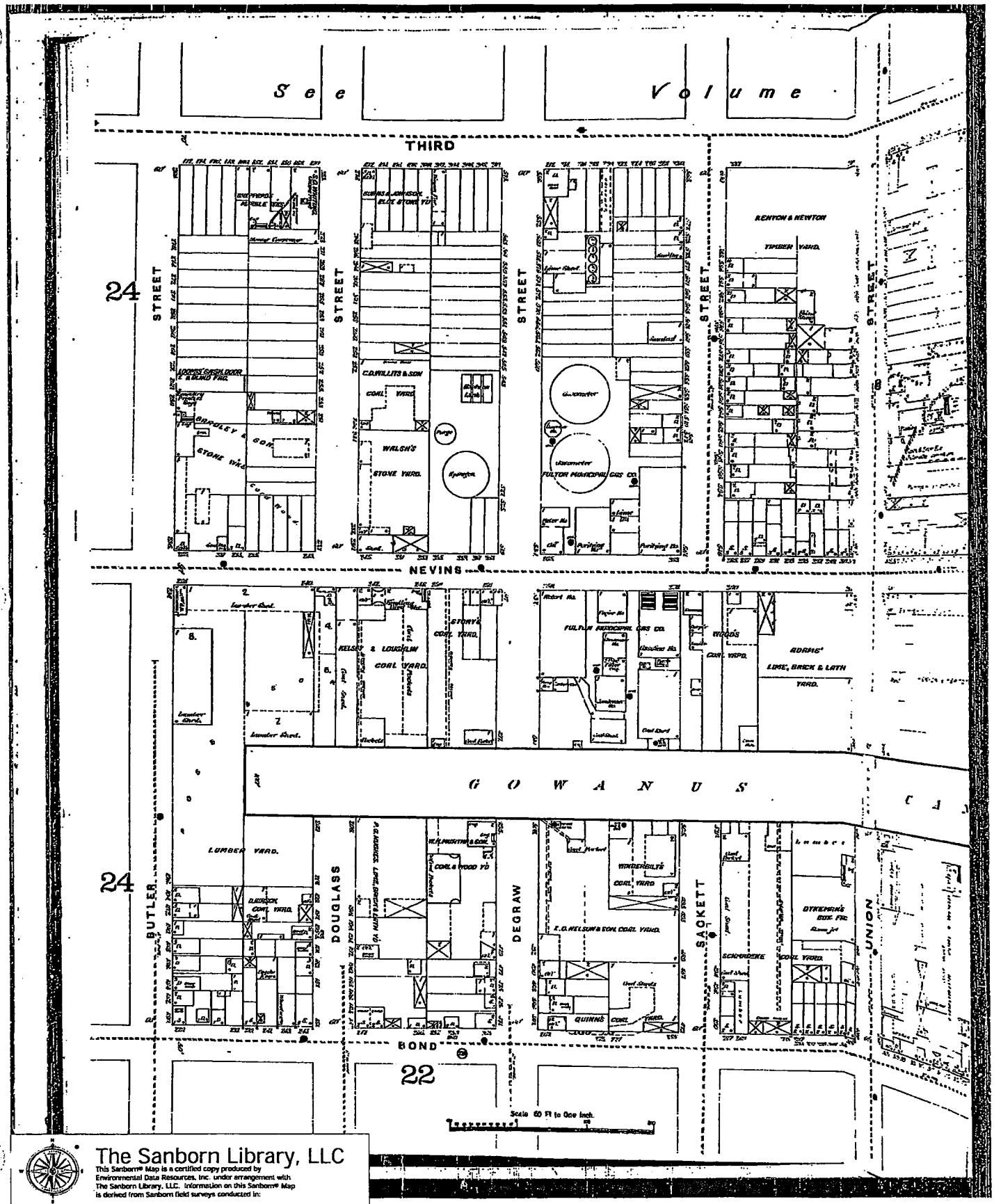

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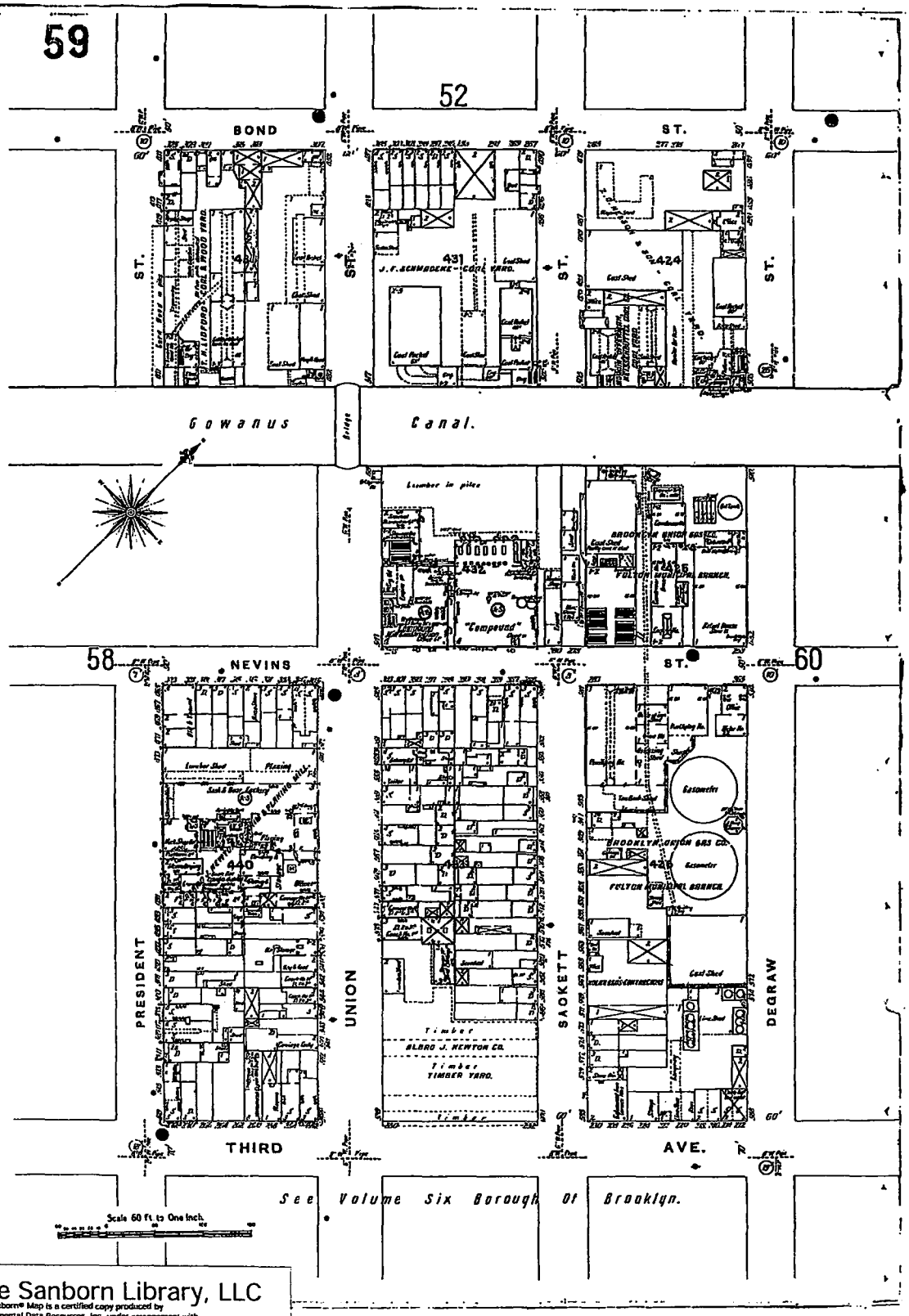

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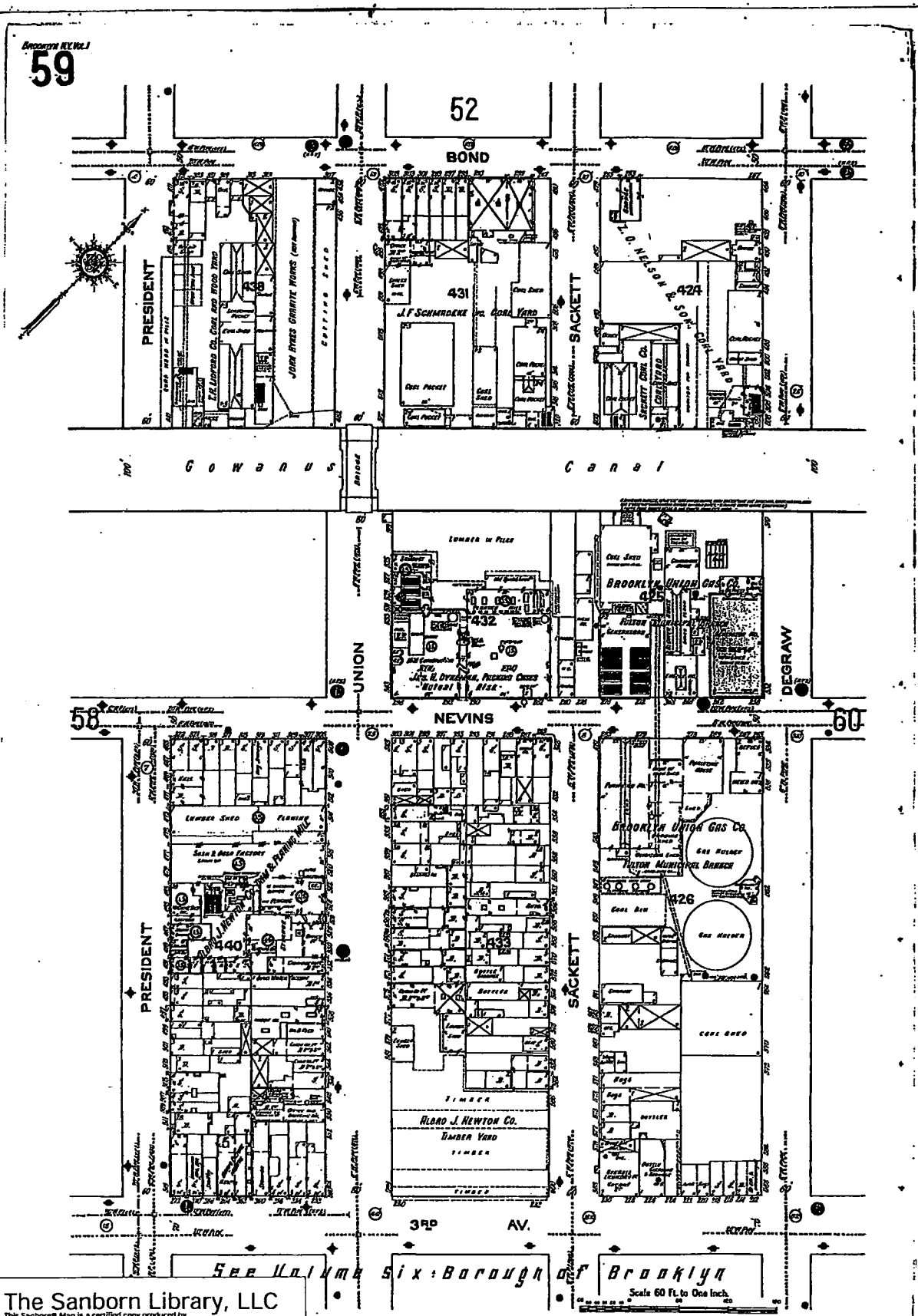

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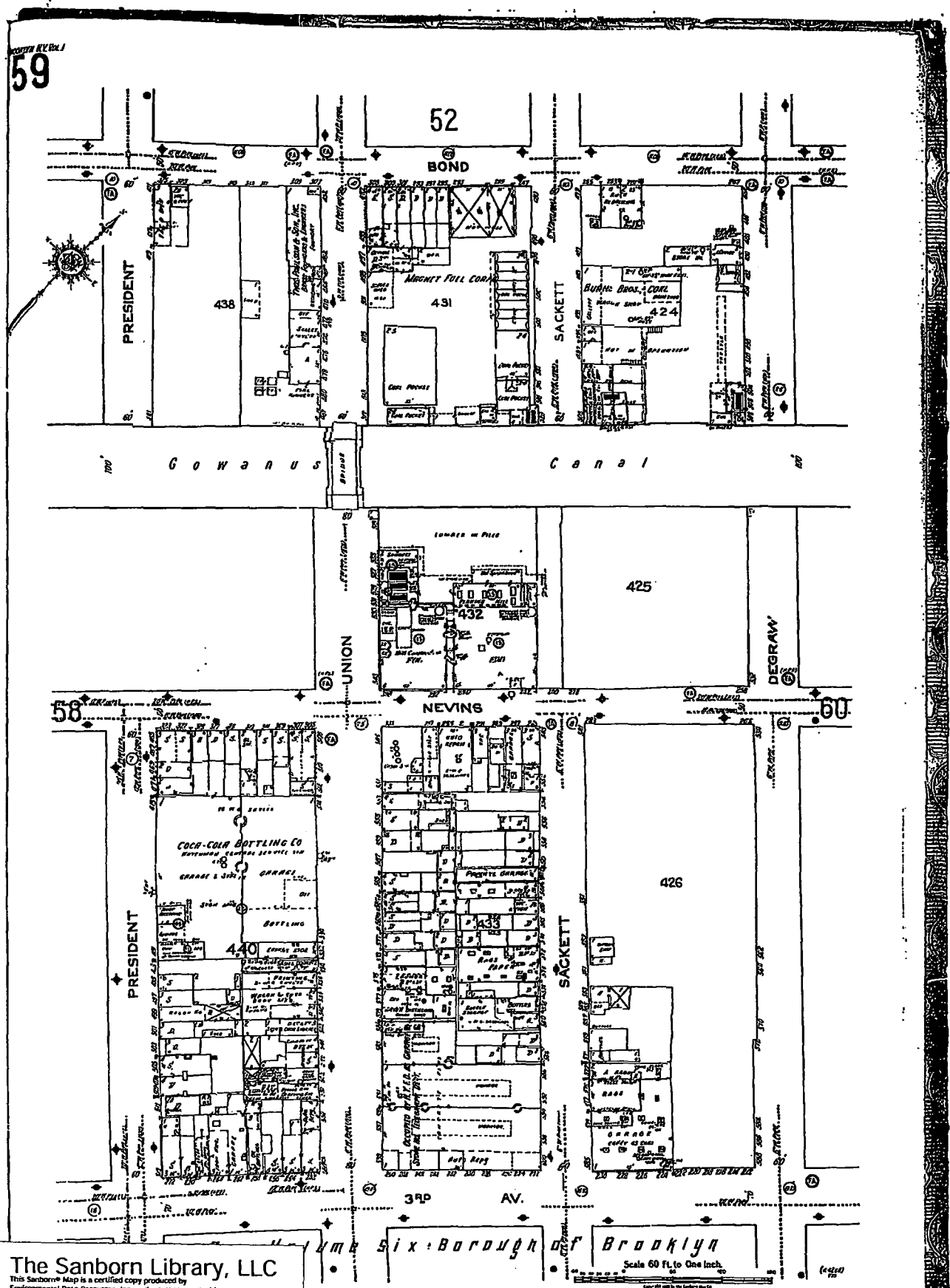

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APPENDIX E

HISTORIC AERIAL PHOTOGRAHPS

ULANO CORP (Continued) **1000317853**

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:	04/01/1998	Next Test Date:	04/01/2003
Date Closed:	Not reported	Test Method:	TANKOLOGY [VACUTECT]
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	10000	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	01/05/2001
Old PBS Number:	Not reported	Expiration Date:	03/28/2003
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:	2-295345	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	ULANO CORPORATION (718) 622-5200		
Emergency Contact:	ANTHONY MELENDI (718) 253-6945		
Total Tanks:	1		
Owner:	ULANO CORPORATION 255 BUTLER ST BROOKLYN, NY 11217 (718) 622-5200		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	ULANO CORPORATION 255 BUTLER ST BROOKLYN, NY 11217 (718) 622-5200		
Tank Status:	Closed - In Place		
Capacity (gals):	2000		
Tank Location:	UNDERGROUND		
Tank Id:	02	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	OTHER
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:	Product Level Gauge	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	Not reported

ULANO CORP (Continued) **1000317853**

Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	10000	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	01/05/2001
Old PBS Number:	Not reported	Expiration Date:	03/28/2003
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:	2-295345	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	ULANO CORPORATION (718) 622-5200		
Emergency Contact:	ANTHONY MELENDI (718) 253-6945		
Total Tanks:	1		
Owner:	ULANO CORPORATION 255 BUTLER ST BROOKLYN, NY 11217 (718) 622-5200		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	ULANO CORPORATION 255 BUTLER ST BROOKLYN, NY 11217 (718) 622-5200		
Tank Status:	Closed - Removed		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	12/01/1946
Tank Type:	Steel/carbon steel	Product Stored:	UNLEADED GASOLINE
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Underground	Pipe Type:	GALVANIZED STEEL
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:	12/01/1993	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:	10000	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	01/05/2001

ULANO CORP (Continued) **1000317853**

Old PBS Number:	Not reported	Expiration Date:	03/28/2003
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:	2-295345	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	ULANO CORPORATION (718) 622-5200		
Emergency Contact:	ANTHONY MELENDI (718) 253-6945		
Total Tanks:	1		
Owner:	ULANO CORPORATION 255 BUTLER ST BROOKLYN, NY 11217 (718) 622-5200		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	ULANO CORPORATION 255 BUTLER ST BROOKLYN, NY 11217 (718) 622-5200		
Tank Status:	Closed - Removed		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	002	Install Date:	12/01/1946
Tank Type:	Steel/carbon steel	Product Stored:	UNLEADED GASOLINE
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Underground	Pipe Type:	GALVANIZED STEEL
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:	12/01/1993	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:	10000	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	01/05/2001
Old PBS Number:	Not reported	Expiration Date:	03/28/2003
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		

ULANO CORP (Continued) **1000317853**

County Code:	61		
Region:	2		
PBS Number:	2-295345	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	ULANO CORPORATION (718) 622-5200		
Emergency Contact:	ANTHONY MELENDI (718) 253-6945		
Total Tanks:	1		
Owner:	ULANO CORPORATION 255 BUTLER ST BROOKLYN, NY 11217 (718) 622-5200		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	ULANO CORPORATION 255 BUTLER ST BROOKLYN, NY 11217 (718) 622-5200		
Tank Status:	Closed - Removed		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	003	Install Date:	12/01/1946
Tank Type:	Steel/carbon steel	Product Stored:	UNLEADED GASOLINE
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Underground	Pipe Type:	GALVANIZED STEEL
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:	12/01/1993	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:	10000	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	01/05/2001
Old PBS Number:	Not reported	Expiration Date:	03/28/2003
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		

This is the most recent NY PBS data for this site.
The NY PBS database contains 5 additional records for this site.
Please contact your EDR Account Executive for more information.

Q86 **NYC DEPT OF SANITATION - J SCHIAVONE** **RCRIS-SQG** **1000140989**
SSW **15 2ND AVE BK-N-2** **FINDS** **NYD982529687**
1/4-1/2 **BROOKLYN, NY 11215** **LTANKS**
2007 ft.
Higher **Site 2 of 2 in cluster Q**

RCRIS:
Owner: HOWARD LEVINE
(212) 555-1212
EPA ID: NYD982529687
Contact: CANARIO FORM
(718) 624-7113
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

LTANKS:

Spill Number:	9614826	Region of Spill:	2
Facility Contact:	CALLER	Facility Tele:	(716) 856-5636
Investigator:	KRIMGOLD	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
Spiller Contact:	Not reported	Spiller Phone:	Not reported

Spiller: CITY OF NEW YORK
Spiller Address: NEW YORK, NY
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

Spill Closed Dt:	Not reported		
Spill Cause:	Tank Failure	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Spill Notifier:	Other	PBS Number:	Not reported
Spill Date:	03/25/1997 10:00	Reported to Dept:	03/25/1997 11:17
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported		

Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 03/27/1997
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 03/25/1997
Date Region Sent Summary to Central Office: Not reported
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported

NYC DEPT OF SANITATION - J SCHIAVONE (Continued) **1000140989**

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: False
Material: OTHER PETROLEUM
Class Type: Petroleum
Chem Abstract Service Number: OTHER PETROLEUM
Last Date: 09/29/1994
Num Times Material Entry In File: 996
DEC Remarks: Not reported
Spill Cause: RESULTS JUST GOT BACK FROM SOIL SAMPLES - SHOWED MIX OF GAS, DIESEL AND OIL CONSTRUCTION MANAGER IS DEMATTEIS CONSTRUCTION

87
SSW
1/4-1/2
2082 ft.
Higher

SPARTAN DISMANTLING CORP
110 5TH ST
BROOKLYN, NY 11215

RCRIS-SQG **1000369874**
FINDS **NYD982796286**
SWF/LF

RCRIS:
Owner: ANGELINA CHRISTE
(718) 376-7430
EPA ID: NYD982796286
Contact: STEPHEN CORRIGAN
(718) 522-2263
Classification: Handler transports wastes, but commercial status is unknown, Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

LF:

Facility ID:	24TA6	Telephone:	(610) 317-3200
DEC Region:	2	Permit #:	2610300091000020
Permit issue date:	06/08/98	Permit Expires:	06/08/03
Authrzd/Operate Dt:	06/08/93	Constrct Perm #:	0
Auth. to Construct:	/ /	Const Permit Exp:	/ /
Regulatory Status:	Permit	Receiving Waste:	True
Started Rec Waste:	/ /	Stop Rec Waste:	/ /
Fax:	(718) 522-2697		
Aquifer:	none		
Waste type:	Asbestos		
Owner Name:	IESI NY Corporation	Owner Type:	Private
Mail Address:	2 Commerce Street Bayonne, NJ 11125		
Owner Telephone:	(201) 437-5200	Operator Name:	Vito Galante
Annual Report Submitted to ALB:			

SPARTAN DISMANTLING CORP (Continued) **1000369874**

Single Liner:	False
Single Composite Liner:	False
Double Liner:	False
Double Composite Liner:	False
Date Ordered On Consent Signed:	/ /
Accomplish Date Of Order:	/ /
Ny Transverse Mercator Coordinates East:	585160
Ny Transverse Mercator Coordinates North:	4503211
Facility Code:	T
Code:	F
Tons:	0
Facility:	F
Annual Report for 2001:	False
Quarterly Report 1:	False
Quarterly Report 2:	False
Quarterly Report 3:	False
Quarterly Report 4:	False
IHWS number:	0
IHWS classification:	Not reported
Inactive HWS:	False
1989:	False
1990:	False
1991:	False
1992:	False
1993:	True
1994:	True
1995:	True
1996:	True
1997:	True
1998:	True
1999:	True
2000:	True
Accounted For At Another Facility	False
Quarter 1:	False
Quarter 2:	False
Quarter 3:	False
Quarter 4:	False
Remarks:	Not reported
Comments:	Not reported

88
WSW
1/4-1/2
2120 ft.
Higher

7 3RD STREET/PEP S/S
7 3RD STREET
BKLYN, NY

LTANKS **S100493230**
N/A

LTANKS:

Spill Number:	9112287	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
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
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	Not reported		
Spiller Address:	Not reported		
Spill Class:	Known release that creates potential for fire or hazard. (Highly Improbable)		

81-03 THIRD AVE/BKLYN (Continued) **S100167479**

Spill Closed Dt: 11/18/1991
Spill Cause: Tank Test Failure
Water Affected: Not reported
Spill Notifier: Tank Tester
Spill Date: 12/15/1987 17:00
Cleanup Ceased: 11/18/1991
Last Inspection: Not reported
Cleanup Meets Standard: True
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: True
Spill Record Last Update: 11/25/1991
Is Updated: False
Resource Affected: Groundwater
Spill Source: Gas Station
PBS Number: 2-157538
Reported to Dept: 12/16/1987 08:57
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 01/13/1988
Date Region Sent Summary to Central Office: Not reported
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: Not reported
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 Times Material Entry In File: 21329
DEC Remarks: 11/18/91: 11/18/91-SEE SPILL 9012317-SEE LETTER 81013AV.
Spill Cause: HYDROSTATIC TEST 5) 550 GAL TANKS, 5.5PSI PER 30 MINUTES AT 60 IN. OF PRODUCT.

---

90 **EMPTY LOT** **LTANKS** **S104621791**
ENE **90 4TH AVE** **N/A**
1/4-1/2 **BROOKLYN, NY**
2236 ft.
Higher

LTANKS:
Spill Number: 0003201
Facility Contact: KEN
Investigator: SACCACIO
Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
Spiller Contact: Not reported
Spiller: UNNOWN
Spiller Address: Not reported
Region of Spill: 2
Facility Tele: (718) 797-9555
SWIS: 61
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Spiller Phone: Not reported

EMPTY LOT (Continued) **S104621791**

Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: Not reported
Spill Cause: Tank Failure
Water Affected: Not reported
Spill Notifier: Other
Spill Date: 06/14/2000 13:00
Cleanup Ceased: Not reported
Last Inspection: Not reported
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: True
Spill Record Last Update: 06/14/2000
Is Updated: False.
Resource Affected: On Land
Spill Source: Gas Station
PBS Number: Not reported
Reported to Dept: 06/14/2000 14:00
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 06/14/2000
Date Region Sent Summary to Central Office: 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: 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: 09/29/1994
Num Times Material Entry In File: 21329
DEC Remarks: Not reported
Spill Cause: lot was a gas station years ago and caller is removing tanks and found s ome contaminated soil

---

91
SSW
1/4-1/2
2267 ft.
Higher

U.S.A. RECYCLING, INC.
141 SIXTH STREET
BROOKLYN, NY

SWRCY **S104298495**
N/A

NY SWRCY
Permit #: Not reported
Owner Name: U.S. Recycling, Inc.
Contact Tele: (718) 625-2649
Material Accepted: paper, cardboard, plastic, clean wood & metals

92 NE 1/4-1/2 2316 ft. Higher — **80 3RD AVE.** / **80 3RD AVE.** / **BROOKLYN, NY** — **LTANKS** — **S102671969** / **N/A**

LTANKS:

Spill Number:	9208644	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
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
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	Not reported		
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:	10/27/1992		
Spill Cause:	Tank Overfill	Resource Affected:	In Sewer
Water Affected:	Not reported	Spill Source:	Tank Truck
Spill Notifier:	Fire Department	PBS Number:	Not reported
Spill Date:	10/27/1992 11:00	Reported to Dept:	10/27/1992 12:24
Cleanup Ceased:	10/27/1992		
Last Inspection:	Not reported		
Cleanup Meets Standard:	True		
Recommended Penalty:	Penalty Not Recommended		
Spiller Cleanup Date:	Not reported		
Enforcement Date:	Not reported		
Investigation Complete:	Not reported		
UST Involvement:	False		
Spill Record Last Update:	10/27/1992		
Is Updated:	False		
Corrective Action Plan Submitted:	Not reported		
Date Spill Entered In Computer Data File:	10/27/1992		
Date Region Sent Summary to Central Office:	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:	2000
Units:	Gallons
Unknown Qty Spilled:	2000
Quantity Recovered:	0
Unknown Qty Recovered:	False
Material:	#6 FUEL OIL
Class Type:	Petroleum
Chem Abstract Service Number:	#6 FUEL OIL
Last Date:	07/28/1994
Num Times Material Entry In File:	2190

DEC Remarks: Not reported

Spill Cause: SPILL INTO BASEMENT SMALL AMOUNT INTO SANITARY SEWER VIA SUMP PUMP- F. D. APPLYING SORBENT AND SPILLER TO FOLLOW UP ,NYCDEP ALSO RESPONDINGTO-7

80 3RD AVE. (Continued) **S102671969**

18-595-4646 NYCDEP RESPONDED ON SCENE WILL CALL IF NEEDH

93 SSW 1/4-1/2 2360 ft. Higher **106 6TH ST** **106 6TH ST** **BROOKLYN, NY** **LTANKS** **S102660664** **N/A**

LTANKS:

Spill Number:	9502574	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	TANG	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
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	UNKNOWN		
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:	05/31/1995		
Spill Cause:	Tank Failure	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Unknown
Spill Notifier:	Local Agency	PBS Number:	Not reported
Spill Date:	05/31/1995 12:44	Reported to Dept:	05/31/1995 12:49
Cleanup Ceased:	05/31/1995		
Last Inspection:	Not reported		

Cleanup Meets Standard:	True
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Date:	Not reported
Enforcement Date:	Not reported
Investigation Complete:	Not reported
UST Involvement:	False
Spill Record Last Update:	Not reported
Is Updated:	False
Corrective Action Plan Submitted:	Not reported
Date Spill Entered In Computer Data File:	06/07/1995
Date Region Sent Summary to Central Office:	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:	Gallons
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

DEC Remarks: Not reported

106 6TH ST (Continued) **S102660664**

Spill Cause: 4 BARRELS ABANDONED - POSS. CONTAINING HAZARDOUS MATERIAL - NOT LEAKING - REFER TO NYCDEP HAZMAT

---

94 North 1/4-1/2 2361 ft. Lower

122 HOYT STREET
122 HOYT STREET
BROOKLYN, NY

LTANKS **S102232705**
N/A

LTANKS:

Spill Number:	9605364	Region of Spill:	2
Facility Contact:	ROBERT KLESHEFSKY	Facility Tele:	(516) 678-5115
Investigator:	SIGONA	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
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	Not reported		
Spiller Address:	-		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	Not reported		
Spill Cause:	Tank Test Failure	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Spill Notifier:	Tank Tester	PBS Number:	Not reported
Spill Date:	07/25/1996 14:00	Reported to Dept:	07/25/1996 16:05
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported		

Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 09/04/1996
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 07/25/1996
Date Region Sent Summary to Central Office: Not reported

Tank Test:

PBS Number:	Not reported
Tank Number:	001
Test Method:	Horner EZ Check
Capacity of Failed Tank:	550
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:	#2 FUEL OIL
Class Type:	Petroleum

Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry In File: 24464

122 HOYT STREET (Continued) **S102232705**

DEC Remarks: NO PBS FOR SITE
Spill Cause: gross fail on tank

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95 NW 1/4-1/2 2431 ft. Higher **IS 293** **284 BALTIC ST** **BROOKLYN, NY** **LTANKS** **S103941512** **N/A**

LTANKS:

Spill Number:	9903531	Region of Spill:	2
Facility Contact:	CALLER	Facility Tele:	(315) 764-4737
Investigator:	SIGONA	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
Spiller Contact:	FRANK CARDELLO	Spiller Phone:	(718) 391-6832
Spiller:	BOARD OF EDUCATION		
Spiller Address:	20-11 QUEENS PLZ N LONG ISLAND CITY, NY 11101		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	Not reported		
Spill Cause:	Tank Overfill	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Other Non Commercial/Industrial
Spill Notifier:	Other	PBS Number:	Not reported
Spill Date:	06/28/1999 07:45	Reported to Dept:	06/28/1999 10:15
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported		

Cleanup Meets Standard:	False
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Date:	Not reported
Enforcement Date:	Not reported
Investigation Complete:	Not reported
UST Involvement:	False
Spill Record Last Update:	06/30/1999
Is Updated:	False
Corrective Action Plan Submitted:	Not reported
Date Spill Entered In Computer Data File:	06/28/1999
Date Region Sent Summary to Central Office:	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:	50
Units:	Gallons
Unknown Qty Spilled:	50
Quantity Recovered:	0
Unknown Qty Recovered:	True
Material:	#4 FUEL OIL
Class Type:	Petroleum
Chem Abstract Service Number:	#4 FUEL OIL
Last Date:	12/05/1994

IS 293 (Continued) **S103941512**

Num Times Material Entry In File: 1751
DEC Remarks: DEC Sigona) called Issac Mungra PTC) at 11:15 A.M. on 6/28/99. The ve nt line released product during tank overfill. PTC is sending a cleanup crew as they are one block away from the School where the spill occurred . PTC will call DEC with an updaate, after they complete the cleanup fo r the School.
Spill Cause: caller reports unknown reason for spill.

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96 **341 BERGEN ST** **LTANKS** **S102663561**
ENE **341 BERGEN ST** **N/A**
1/4-1/2 **BROOKLYN, NY**
2483 ft.
Higher

LTANKS:

Spill Number:	9706573	Region of Spill:	2
Facility Contact:	LEON SZUSTERMAN	Facility Tele:	(718) 417-7741
Investigator:	TANG	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
Spiller Contact:	LEON SZUSTERMAN	Spiller Phone:	(718) 417-7741
Spiller:	LEONETTE TRUCKING		
Spiller Address:	389 MELROSE ST BROOKLYN, NY 11237		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	04/30/1998		
Spill Cause:	Tank Overfill	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Commercial Vehicle
Spill Notifier:	Responsible Party	PBS Number:	Not reported
Spill Date:	09/02/1997 11:30	Reported to Dept:	09/02/1997 12:24
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported		

Cleanup Meets Standard:	False
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Date:	Not reported
Enforcement Date:	Not reported
Investigation Complete:	Not reported
UST Involvement:	False
Spill Record Last Update:	05/14/1998
Is Updated:	False
Corrective Action Plan Submitted:	Not reported
Date Spill Entered In Computer Data File:	09/02/1997
Date Region Sent Summary to Central Office:	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:	20
Units:	Gallons
Unknown Qty Spilled:	20
Quantity Recovered:	0

341 BERGEN ST (Continued) **S102663561**

Unknown Qty Recovered: False
Material: GASOLINE
Class Type: Petroleum
Chem Abstract Service Number: GASOLINE
Last Date: 09/29/1994
Num Times Material Entry In File: 21329
DEC Remarks: CALLED LEON SZUSTERMAN, BEEPER 917 949-1781. HE CALLED BACK, SAID THAT IT WAS A FEW GALLONS 2-3 GAL.) SPILL FROM THE STICKLINE WHEN TANK WAS O VERFILLED HAS BEEN CONTAINED AND CLEANED UP W/SPEEDY DRY. REFER TO DEP. IWCS FOR POSSIBLE ENFORCEMENT.
Spill Cause: DRIVER WAS FILLING AN OUTSIDE TANK TO A TAXI SERVICE AND OVERFILLED THE TANK - FDNY ON SCENE AND SPILL HAS BEEN CONTAINED

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97 **438-440 ATLANTIC AVENUE** **LTANKS** **S104276725**
NNE **438-440 ATLANTIC AVENUE** **N/A**
1/4-1/2 **BROOKLYN, NY**
2616 ft.
Lower

LTANKS:

Spill Number:	9514297	Region of Spill:	2
Facility Contact:	BROOKLYN RESTORATION INC.	Facility Tele:	(718) 891-8300
Investigator:	KRIMGOLD	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
Spiller Contact:	FRANK ODONNELL	Spiller Phone:	(718) 647-4200
Spiller:	BAERENKLAU OIL CO		
Spiller Address:	740 JAMACA AVE BROOKLYN NY, NY 11208		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	02/09/1996		
Spill Cause:	Tank Overfill	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Private Dwelling
Spill Notifier:	Responsible Party	PBS Number:	Not reported
Spill Date:	02/09/1996 07:50	Reported to Dept:	02/09/1996 09:32
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported		

Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 02/21/1996
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 02/09/1996
Date Region Sent Summary to Central Office: 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:

438-440 ATLANTIC AVENUE (Continued) **S104276725**

Material Class Type: 1
Quantity Spilled: 2
Units: Gallons
Unknown Qty Spilled: 2
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #2 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry In File: 24464
DEC Remarks: CLEAN-UP BY THE SPILLER
Spill Cause: overfilled tank.

98
WSW
1/2-1
2840 ft.
Higher

CITIZENS GAS LIGHT CO. **Coal Gas** **G000000386**
437 SMITH ST. **N/A**
BROOKLYN, NY 11237

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 5th St. Site is currently a park. (C14)

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99
SSW
1/2-1
3887 ft.
Higher

METROPOLITAN GAS LIGHT CO. **Coal Gas** **G000000436**
35 12TH ST. **N/A**
BROOKLYN, NY 11215

COAL GAS SITE DESCRIPTION:
Site is east of 2nd 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 I.D. #NYD980532006

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100
SSW
1/2-1
3985 ft.
Higher

BROOKLYN UNION GAS CO. **Coal Gas** **G000000385**
157 SECOND AVE. **N/A**
BROOKLYN, NY 11232

COAL GAS SITE DESCRIPTION:
Site is on the western side of 2nd Ave. between 13th St. and where 11th Street would have been. Site is bordered on the west by the Gowanas Canal. (C14)

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ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BROOKLYN	S103485175	PM 2341	2ND ST / 64 TH ST		NY Spills
BROOKLYN	S105235469	43RD ST BETWEEN	2ND AV / 1ST AV		NY Spills
BROOKLYN	S105236431	MANHOLE 66771	3RD AV / 59TH ST		NY Spills
BROOKLYN	S104789265	SB 38848	2ND ST / GOWANUS CANAL		NY Spills
BROOKLYN	S104653655	MANHOLE 57618	44 ST /20 FT E 2ND AVE		NY Spills
BROOKLYN	S105056922	ATLAS GAS STATION	20TH ST / 3RD AVE		NY Spills
BROOKLYN	S105141525	3RD AV YARD INFO STOREROO	M 222 1ST ST		NY Spills
BROOKLYN	S103573488	MANHOLE 74514	25TH ST WEST OF 3RD AVE		NY Spills
BROOKLYN	S105141992	GOWANUS SUBSTATION	27TH STREET AT THIRD AVE		NY Spills
BROOKLYN	S105057069	GOWANUS SUBSTATION	27TH ST / 3RD AV		NY Spills
BROOKLYN	S104953010	GOWNUS SUB STATION	27TH STREET+3RD AVE		NY Spills
BROOKLYN	S104953011	GOWNUS SUB STATION	27TH STREET+3RD AVE		NY Spills
BROOKLYN	S104953012	GOWNUS SUB STATION	27TH STREET+3RD AVE		NY Spills
BROOKLYN	S105236022	GUANAS SUB-STATION	27TH ST/3RD AV		NY Spills
BROOKLYN	S102148375	CON EDISON	27TH ST / 2ND AVE		NY Spills
BROOKLYN	96505683	29TH STREET AND 2ND AVE GOWANUS GAS TURBINE SITE	29TH STREET AND 2ND AVE GOWANUS GAS TURBINE SITE		ERNS
BROOKLYN	96494447	29TH ST AND 2ND AVE GOWANUS GAS TURBINE SITE	29TH ST AND 2ND AVE GOWANUS GAS TURBII SITE		ERNS
BROOKLYN	S102147942	SOUTH 2ND ST.	SOUTH 2ND ST.		NY Spills
BROOKLYN	S104787377	MANHOLE 6471	EAST 2ND STREET+18TH AVE		NY Spills
BROOKLYN	S104194816	MANHOLE 63639	EAST 2ND ST / KINGS H-WAY		NY Spills
BROOKLYN	96504865	33RD AND 2ND AVE GOWANUS CANAL	33RD AND 2ND AVE GOWANUS CANAL		ERNS
BROOKLYN	S102150724	DAVIDSON PIPE SUPPLY CO	37TH ST/BET. 2ND / 3RD AV		NY Spills
BROOKLYN	S102143986	3RD ST BRIDGE SHEEN,BKLYN	@ 3RD ST. BRIDGE		NY Spills
BROOKLYN	S104952638	MANHOLE #64857	EAST 3RD ST / AVE C		NY Spills
BROOKLYN	S104194803	BTWN 57 & 58TH ST	ON 3RD AV		NY Spills
BROOKLYN	S104283378	MANHOLE 33640	E 3RD ST / AVE F		NY Spills
BROOKLYN	S105235758	MANHOLE # 66770	51ST ST/3RD AVE		NY Spills
BROOKLYN	S102150275	BAY RIDGE CANAL - 57TH ST	57TH ST PIER/BAY RIDGE		NY Spills
BROOKLYN	S102148151	57TH ST. & 2ND AVENUE	57TH ST / 2ND AVE		NY Spills
BROOKLYN	89127674	IN A CANAL NEXT TO THE COMPANY	IN A CANAL NEXT TO THE COMPANY		ERNS
BROOKLYN	S105057939	ANTON JUNIC ENTERPRISES	776 3RD AV		NY Spills
BROOKLYN	S105058470	CON ED YARD	222 1ST AV		NY Spills
BROOKLYN	S102240204	SLATING OIL AT	3RD AV		NY Spills
BROOKLYN	S104786964	VAULT 3471	3RD AV/30TH ST		NY Spills
BROOKLYN	S105058297	MANHOLE #38662	1ST AV/310FT S OF 39TH ST		NY Spills
BROOKLYN	S104953348	GOWANUS SUB STATION	3RD AVE / 27TH ST		NY Spills
BROOKLYN	S104953345	GOWANUS SUB STATION	3RD AVE / 27TH ST		NY Spills
BROOKLYN	1001482984	DICENT SERVICE STATION	169 3RD AVE	11215	RCRIS-SQG, FINDS
BROOKLYN	S102149730	2NS AVE & E. 154TH ST	2ND AVE / E, 145TH ST		NY Spills
BROOKLYN	S102238449	AVEU/BETWEEN E. 1ST & 2ND	AVE U/BETWEEN E 1ST / 2ND S		NY Spills
BROOKLYN	S104953347	GOWANS SUB STATION	3RD AVE / 28TH ST		NY Spills

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BROOKLYN	S102663432	GAS STATION	AVE Y/ W. 3RD ST SE CORN		NY Spills
BROOKLYN	S103560388	1ST AVE BET 50 & 51ST STS	1ST AVE		NY Spills
BROOKLYN	S103937914	MANHOLE 5354	3RD AVE WEST SIDE		NY Spills
BROOKLYN	S103571206	OLD GAS STATION	3RD AVE		NY Spills
BROOKLYN	S104194127	23RD STREET AND	3RD AVE		NY Spills
BROOKLYN	S105142098	EAGLE GAS	AVE Y/3RD ST		NY Spills
BROOKLYN	S104880048	MH 5553	3RD AVE/ 25TH ST		NY Spills
BROOKLYN	S104647266		3RD AVE/27TH ST		NY Spills
BROOKLYN	S103272545	1ST AVE/SURF AVE & W. 10	1ST AVE/SURF AVE / W.10		NY Spills
BROOKLYN	S105003695	USPS GOWANUS SITE, FORMER MGP METROPOLIT	2ND AVENUE AND 12TH STREET		VCP
BROOKLYN	S105140755	VS6462	AVENUE X EAST 3RD STREET		NY Spills
BROOKLYN	S104323937	HARBOR ESTATES PROPERTY	AVENUE M AND AVENUE N / EAST 69 ST. & EAST 72ND		VCP
BROOKLYN	94391601	6TH ST BASIN GOWANS CANAL	6TH ST BASIN GOWANS CANAL		ERNS
BROOKLYN	S104653744	PRESIDENT STREET	BETWEEN 3RD AVENUE/NEVINS		NY Spills
BROOKLYN	S104790662	14 MAJETA STREET	BETWEEN LARMA / UNION		NY Spills
BROOKLYN	S104953262	MANHOLE 2527	BONN ST / UNION ST		NY Spills
BROOKLYN	1001482918	NYCDOT BRIDGE BIN 2240250	3RD ST BRIDGE OVER	11215	RCRIS-LQG, FINDS
BROOKLYN	S104654292	MANHOLE TM606	BRIGHTON 2ND ST		NY Spills
BROOKLYN	2000531622	CANAL	CANAL		ERNS
BROOKLYN	S102143388	CARROLL ST. & UNION ST BR	CARROLL ST / UNION ST BR		NY Spills
BROOKLYN	S104323903	PFIZER (ORGANICS/SUCIAC BLOCK)	CENTRAL PORTION OF PFIZER FACILITY, 630 FLUSHING A		VCP
BROOKLYN	S102142883	CON EDISON/NORTH 1ST ST	CON EDISON/NORTH 1ST ST		NY Spills
BROOKLYN	S103939251	MANHOLE 6266	NE CORNER AVE C E 2ND ST		NY Spills
BROOKLYN	1003864070	CARROL GARDEN	CORNER OF 5TH AND SMITH STREET	11231	CERC-NFRAP
BROOKLYN	98463809	COWANUS CANAL 29TH STREET AND 2ND AVE	COWANUS CANAL 29TH STREET AND 2ND AVE		ERNS
BROOKLYN	S103576103	MANHOLE #20850	DEGRAW STREET		NY Spills
BROOKLYN	S102142647	DOMINO SUGAR/S 2ND ST	DOMINO SUGAR/S 2ND ST		NY Spills
BROOKLYN	S103828113	WYCKOFF AVE	25 FT EAST OF STARR SR		NY Spills
BROOKLYN	S103937899	MANHOLE 19758	FULTON ST+SOUTH OXFORD SR		NY Spills
BROOKLYN	S102663359	GOWANIS HWY BY 65TH ST	GOWANIS HWY BY 65TH ST		NY Spills
BROOKLYN	96504594	GOWANUS GAS TURBINE SITE 29TH ST AND 2ND AVE	GOWANUS GAS TURBINE SITE 29TH ST AND 2I AVE		ERNS
BROOKLYN	97409148	GOWANUS CANAL /NEAR THE HAMILTON AVE BRIDGE	GOWANUS CANAL /NEAR THE HAMILTON AVE BRIDGE		ERNS
BROOKLYN	S102671084	GOWANUS PUMP STA. BYPASS	GOWANUS PUMP. STA.		NY Spills
BROOKLYN	99632099	GOWANUS CANAL AND 9TH ST.	GOWANUS CANAL AND 9TH ST.		ERNS
BROOKLYN	91227727	GOWANUS CANAL BETWEEN 23RD AND 27TH STREE	GOWANUS CANAL BETWEEN 23RD AND 27TH STREET		ERNS
BROOKLYN	S102961854	51 9TH ST	GOWONES CANAL / 2ND AVE		NY Spills
BROOKLYN	S104880895	VS 3203	HAMILTON AV / 2ND AV		NY Spills
BROOKLYN	1005444345	MTA NYCT - HOYT SCHERMERHORN STATION	HOYT & SCHERMERHORN STS	11201	RCRIS-SQG, FINDS
BROOKLYN	S102146473	4TH STREET	HOYT / BOND STREET		NY Spills
BROOKLYN	S102663083	SE CORNER STATE &	HOYT ST		NY Spills
BROOKLYN	S104651545	VAULT #2753	HOYT ST		NY Spills
BROOKLYN	S103569854	20 FT W OF PRESIDENT ST	HOYT ST		NY Spills

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BROOKLYN	S102146481	ON HWY KENT AVE-EXIT OF	ON HWY KENT AVE.EXIT OF.		NY Spills
BROOKLYN	S104787030	VAULT 2905	I/F/O 840 3RD AVE		NY Spills
BROOKLYN	S104953086	SERVICE BOX 37792	I/FO 216 S. 3RD STREET		NY Spills
BROOKLYN	S104788627	CLINTON ST AND	KANE / DEGRAW		NY Spills
BROOKLYN	S105057314	MANHOLE #1399	KINGS HWY @ E 19 TH ST		NY Spills
BROOKLYN	S103938400	BOX 38486	KINGS HIGHWAY/ROCKAWAY PK		NY Spills
BROOKLYN	1005417315	DCAS	141 LIVINGSTON ST 2ND FLOOR	11201	RCRIS-SQG, FINDS
BROOKLYN	S102672223	MILL BASIN CANAL FLATBUSH	MILL BASIN CANAL FLATBUSH		NY Spills
BROOKLYN	S102143913	GOWANS CANAL	MOUTH-GOWANUS CANAL		NY Spills
BROOKLYN	S103938724	MAN HOLE #1501	NEPTUNE AV / W 2ND ST		NY Spills
BROOKLYN	S104283157	VAULT 4412	NEVIN ST/BUTLER ST		NY Spills
BROOKLYN	S102239310	NEVINS ST	NEVINS ST		NY Spills
BROOKLYN	S104283155	VAULT 4500	NEVINS ST / BULTER ST		NY Spills
BROOKLYN	S104651796	TM 105	NEVINS ST / CAROL ST		NY Spills
BROOKLYN	1004762002	NYCDEP - SHAFT 16A	NEVINS AVE & STATE ST	11201	RCRIS-SQG, FINDS
BROOKLYN	S104510391	TM# 2464	NORTHSIDE AVE Z/WEST 2ND		NY Spills
BROOKLYN	S103936168	BEHIND WHITMAN DR	OHIO STATE WALK/E 66TH ST		NY Spills
BROOKLYN	S104652619	MANHOLE 6062	OVINGTON AVE+3RD AVE		NY Spills
BROOKLYN	S104495914	38 PAERDEMAT 3RD ST	38 PAERDEAMT 3RD ST		NY Spills
BROOKLYN	S105265264	PEREZ INTERBORO ASPHALT C	99 PAIDGE AVENUE		SWF/LF
BROOKLYN	S105235346	VS # 3248	PRESIDENT ST/PROSPECT PK		NY Spills
BROOKLYN	99623441	EAST RIVER SOUTH OF GOWANUS GAS TURBINE SITE AT 29TH ST AND	EAST RIVER SOUTH OF GOWANUS GAS TURBI SITE AT 29TH ST AND		ERNS
BROOKLYN	S104647144		RODNEY ST NEAR S 1ST ST		NY Spills
BROOKLYN	S103573460	VERRAZANO BRIDGE	RT.278		NY Spills
BROOKLYN	S103935975	MANHOLE #43243	WEST SIDE UNION AVE		NY Spills
BROOKLYN	S105141518	GOWANAS CANAL	SMIT ST		NY Spills
BROOKLYN	S102143752	SMITH STREET	SMITH STREET		NY Spills, SWF/LF
BROOKLYN	S103275163	ENG CO. 221 - 161 SOUTH	2ND ST		NY Spills
BROOKLYN	S104790058	BROOKLYN WEST 6	138 11TH ST(127 2ND AVE)		NY Spills
BROOKLYN	S103271767	335 81ST ST/3RD & 4TH AVE	335 81ST ST/3RD / 4HT AVE		NY Spills
BROOKLYN	1004759588	NYC BD OF ED - PUBLIC SCHOOL 369 BKLYN	887 STATE ST	11217	RCRIS-SQG, FINDS
BROOKLYN	S104073434	GOWANUS SUB STATION	27 TH STREET / 3RD AVE		NY Spills
BROOKLYN	S104283992	MANHOLE 4932	UNION AV		NY Spills
BROOKLYN	S104787584	MAN HOLE #4934	UNION AVE / KEAP ST		NY Spills
BROOKLYN	S104653924	MONTROSE AV	UNION AV		NY Spills
BROOKLYN	S103484783	VAULT #2720	WHITE AVE/N OF N 3RD ST		NY Spills
BROOKLYN	S102872853	BUG, FULTON MUNICIPAL WORKS	WILLIAM, DEGRAW, AND SACKET ST	11201	HSWDS
BROOKLYN	1003863848	BKLYN UNION GAS /FULTON MUNI WORK	WILLIAMS DE GRAW /SACKETT STS	11201	CERC-NFRAP
BROOKLYN	S104654007	SB 45173	WILMINTON AVE/3RD AVE		NY Spills
BROOKLYN	S104194939	TM 2470	YORK STATE / HUDSON AVE		NY Spills

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: 10/24/02
Date Made Active at EDR: 12/09/02
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 11/04/02
Elapsed ASTM days: 35
Date of Last EDR Contact: 11/04/02

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 8
Telephone: 303-312-6774

EPA Region 4
Telephone 404-562-8033

Proposed NPL: Proposed National Priority List Sites
Source: EPA
Telephone: N/A

Date of Government Version: 10/24/02
Date Made Active at EDR: 12/09/02
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 11/04/02
Elapsed ASTM days: 35
Date of Last EDR Contact: 11/04/02

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: 08/15/02
Date Made Active at EDR: 10/28/02
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/23/02
Elapsed ASTM days: 35
Date of Last EDR Contact: 09/23/02

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/15/02
Date Made Active at EDR: 10/28/02
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 10/03/02
Elapsed ASTM days: 25
Date of Last EDR Contact: 09/23/02

CORRACTS: Corrective Action Report
Source: EPA
Telephone: 800-424-9346
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 05/02/02
Date Made Active at EDR: 07/15/02
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 05/06/02
Elapsed ASTM days: 70
Date of Last EDR Contact: 09/09/02

RCRIS: Resource Conservation and Recovery Information System
Source: EPA/NTIS
Telephone: 800-424-9346
Resource Conservation and Recovery Information System. RCRIS 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).

Date of Government Version: 09/09/02
Date Made Active at EDR: 10/28/02
Database Release Frequency: Varies

Date of Data Arrival at EDR: 09/24/02
Elapsed ASTM days: 34
Date of Last EDR Contact: 09/24/02

ERNS: Emergency Response Notification System
Source: EPA/NTIS
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: 12/31/01
Date Made Active at EDR: 07/15/02
Database Release Frequency: Varies

Date of Data Arrival at EDR: 07/02/02
Elapsed ASTM days: 13
Date of Last EDR Contact: 10/28/02

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: 12/31/99
Database Release Frequency: Biennially

Date of Last EDR Contact: 09/16/02
Date of Next Scheduled EDR Contact: 12/16/02

CONSENT: Superfund (CERCLA) Consent Decrees
Source: EPA Regional Offices
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.

Date of Government Version: N/A
Database Release Frequency: Varies

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

ROD: Records Of Decision
Source: EPA
Telephone: 703-416-0223
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: 12/21/01
Database Release Frequency: Annually

Date of Last EDR Contact: 10/07/02
Date of Next Scheduled EDR Contact: 01/06/03

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: 10/18/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 11/04/02
Date of Next Scheduled EDR Contact: 02/03/03

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: 10/10/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/07/02
Date of Next Scheduled EDR Contact: 01/06/03

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: 07/31/02
Database Release Frequency: Annually

Date of Last EDR Contact: 10/21/02
Date of Next Scheduled EDR Contact: 01/20/03

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: 10/21/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/08/02
Date of Next Scheduled EDR Contact: 01/06/03

MINES: Mines Master Index File
Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959

Date of Government Version: 09/10/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/30/02
Date of Next Scheduled EDR Contact: 12/30/02

NPL LIENS: Federal Superfund Liens
Source: EPA
Telephone: 205-564-4267
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 receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 11/25/02
Date of Next Scheduled EDR Contact: 02/24/03

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: 06/28/02
Database Release Frequency: Annually

Date of Last EDR Contact: 11/13/02
Date of Next Scheduled EDR Contact: 02/10/03

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: 04/17/95
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 09/10/02
Date of Next Scheduled EDR Contact: 12/09/02

TRIS: Toxic Chemical Release Inventory System
Source: EPA
Telephone: 202-260-1531
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: 12/31/00
Database Release Frequency: Annually

Date of Last EDR Contact: 09/24/02
Date of Next Scheduled EDR Contact: 12/23/02

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: 12/31/98
Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 09/09/02
Date of Next Scheduled EDR Contact: 12/09/02

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: 04/25/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/24/02
Date of Next Scheduled EDR Contact: 12/23/02

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: 12/31/00
Database Release Frequency: Annually

Date of Last EDR Contact: 10/22/02
Date of Next Scheduled EDR Contact: 01/20/03

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: 04/25/02
Database Release Frequency: Quarterly
Date of Last EDR Contact: 09/24/02
Date of Next Scheduled EDR Contact: 12/23/02

STATE OF NEW YORK ASTM STANDARD RECORDS

SHWS: Inactive Hazardous Waste Disposal Sites in New York State
Source: Department of Environmental Conservation
Telephone: 518-402-9553
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: 04/01/02
Date Made Active at EDR: 11/12/02
Database Release Frequency: Annually
Date of Data Arrival at EDR: 10/22/02
Elapsed ASTM days: 21
Date of Last EDR Contact: 11/25/02

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: 12/31/01
Date Made Active at EDR: 04/18/02
Database Release Frequency: Semi-Annually
Date of Data Arrival at EDR: 03/28/02
Elapsed ASTM days: 21
Date of Last EDR Contact: 11/05/02

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: 01/01/02
Date Made Active at EDR: 03/22/02
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 02/20/02
Elapsed ASTM days: 30
Date of Last EDR Contact: 10/29/02

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: 01/01/02
Date Made Active at EDR: 03/22/02
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 02/20/02
Elapsed ASTM days: 30
Date of Last EDR Contact: 10/29/02

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: 01/01/02
Date Made Active at EDR: 03/22/02
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 02/20/02
Elapsed ASTM days: 30
Date of Last EDR Contact: 10/29/02

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: 01/01/02
Date Made Active at EDR: 03/22/02
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 02/20/02
Elapsed ASTM days: 30
Date of Last EDR Contact: 10/29/02

VCP: Voluntary Cleanup Agreements
Source: Department of Environmental Conservation
Telephone: 518-402-9711
The voluntary remedial program uses private monies to get contaminated sites r emediated to levels allowing for the sites' productive use. The program covers virtually any kind of site and contamination.

Date of Government Version: 09/27/02
Date Made Active at EDR: 10/30/02
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 09/30/02
Elapsed ASTM days: 30
Date of Last EDR Contact: 09/17/02

SWRCY: Registered Recycling Facility List
Source: Department of Environmental Conservation
Telephone: 518-402-8705
A listing of recycling facilities.

Date of Government Version: 07/17/00
Date Made Active at EDR: 09/13/00
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 08/24/00
Elapsed ASTM days: 20
Date of Last EDR Contact: 11/21/02

SWTIRE: Registered Waste Tire Storage & Facility List
Source: Department of Environmental Conservation
Telephone: 518-402-8694

Date of Government Version: 09/01/01
Date Made Active at EDR: 11/30/01
Database Release Frequency: Annually

Date of Data Arrival at EDR: 11/19/01
Elapsed ASTM days: 11
Date of Last EDR Contact: 11/20/02

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 which U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared.

Date of Government Version: 09/01/02
Database Release Frequency: Annually

Date of Last EDR Contact: 12/02/02
Date of Next Scheduled EDR Contact: 03/03/03

AST: Petroleum Bulk Storage
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Registered Aboveground Storage Tanks.

Date of Government Version: 01/01/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/29/02
Date of Next Scheduled EDR Contact: 01/27/03

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/01/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/29/02
Date of Next Scheduled EDR Contact: 01/27/03

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
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/29/02
Date of Next Scheduled EDR Contact: 01/27/03

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: 01/01/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/29/02
Date of Next Scheduled EDR Contact: 01/27/03

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: 04/01/02
Database Release Frequency: Annually

Date of Last EDR Contact: 12/02/02
Date of Next Scheduled EDR Contact: 03/03/03

LOCAL RECORDS

CORTLAND COUNTY:

Cortland County Storage Tank Listing
Source: Cortland County Health Department
Telephone: 607-753-5035

Date of Government Version: 11/15/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/03/02
Date of Next Scheduled EDR Contact: 03/03/03

Cortland County Storage Tank Listing
Source: Cortland County Health Department
Telephone: 607-753-5035

Date of Government Version: 11/15/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/02/02
Date of Next Scheduled EDR Contact: 03/03/03

NASSAU COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Registered Tank Database
Source: Nassau County Health Department
Telephone: 516-571-3314

Date of Government Version: 08/13/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/01/02
Date of Next Scheduled EDR Contact: 02/03/03

Registered Tank Database
Source: Nassau County Health Department
Telephone: 516-571-3314

Date of Government Version: 08/13/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/01/02
Date of Next Scheduled EDR Contact: 02/03/03

Storage Tank Database
Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000

Date of Government Version: N/A
Database Release Frequency: Varies

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

Storage Tank Database
Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000

Date of Government Version: 02/19/02
Database Release Frequency: Varies

Date of Last EDR Contact: 11/22/02
Date of Next Scheduled EDR Contact: 02/10/03

ROCKLAND COUNTY:

Petroleum Bulk Storage Database
Source: Rockland County Health Department
Telephone: 914-364-2605

Date of Government Version: 10/24/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/08/02
Date of Next Scheduled EDR Contact: 01/06/03

Petroleum Bulk Storage Database
Source: Rockland County Health Department
Telephone: 914-364-2605

Date of Government Version: 10/24/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/08/02
Date of Next Scheduled EDR Contact: 01/06/03

SUFFOLK COUNTY:

Storage Tank Database
Source: Suffolk County Department of Health Services
Telephone: 631-854-2521

Date of Government Version: 12/31/01
Database Release Frequency: Annually

Date of Last EDR Contact: 12/04/02
Date of Next Scheduled EDR Contact: 03/03/03

Storage Tank Database
Source: Suffolk County Department of Health Services
Telephone: 631-854-2521

Date of Government Version: 12/31/01
Database Release Frequency: Annually

Date of Last EDR Contact: 12/04/02
Date of Next Scheduled EDR Contact: 03/03/03

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/01/02
Database Release Frequency: Varies

Date of Last EDR Contact: 12/02/02
Date of Next Scheduled EDR Contact: 03/03/03

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: 06/01/02
Database Release Frequency: Varies

Date of Last EDR Contact: 12/02/02
Date of Next Scheduled EDR Contact: 03/03/03

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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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/Electrical Transmission Lines: 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 and electrical transmission lines.

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.

Flood Zone Data: This data, available in select counties across the country, was obtained 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

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GEOCHECK®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

GOWANUS CANAL
510 SACKETT STREET
BROOKLYN, NY 11217

TARGET PROPERTY COORDINATES

Latitude (North):	40.680199 - 40° 40' 48.7"
Longitude (West):	73.988197 - 73° 59' 17.5"
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	585506.9
UTM Y (Meters):	4503538.0

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata. EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

USGS TOPOGRAPHIC MAP ASSOCIATED WITH THIS SITE

Target Property: 2440073-F8 BROOKLYN, NY
Source: USGS 7.5 min quad index

GENERAL TOPOGRAPHIC GRADIENT AT TARGET PROPERTY

Target Property: General ENE

Source: General Topographic Gradient has been determined from the USGS 1 Degree 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.

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
KINGS, NY	Not Available

Flood Plain Panel at Target Property: 3604970063B

Additional Panels in search area: 3604970055B
3604970062B
3604970072B
3604970073B

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
BROOKLYN	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Site-Specific Hydrogeological Data*:

Search Radius:	2.0 miles
Location Relative to TP:	0 - 1/8 Mile WSW
Site Name:	Vidan Auto Salvage
Site EPA ID Number:	NYD986961167
Groundwater Flow Direction:	SW TOWARD THE NARROWS.
Inferred Depth to Water:	approximately 38 feet.
Hydraulic Connection:	The surficial aquifer and underlying aquifer are hydraulically connected.
Sole Source Aquifer:	No information about a sole source aquifer is available
Data Quality:	Information is inferred in the CERCLIS investigation report(s)

AQUIFLOW®

Search Radius: 2.000 Miles.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT **GEOLOGIC AGE IDENTIFICATION**

Era:	Mesozoic	Category:	Stratified Sequence
System:	Cretaceous		
Series:	Upper Cretaceous		
Code:	uK *(decoded above as Era, System & Series)*		

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

The EDR-Aerial Photography Print Service

Gowanus Canal
510 Sackett Street
Brooklyn, NY 11217

October 28, 2002

Inquiry Number: 871320-7

Environmental Data Resources, Inc.

The Source For Environmental Risk Management Data

3530 Post Road
Southport, Connecticut 06490

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802

Environmental Data Resources, Inc.
Aerial Photography Print Service

Environmental Data Resources, Inc.'s (EDR) Aerial Photography Print Service is a screening tool designed to assist professionals in evaluating potential liability on a target property resulting from past activities. ASTM E 1527-00, Section 7.3 on Historical Use Information, identifies the prior use requirements for a Phase I environmental site assessment. The ASTM standard requires a review of *reasonably ascertainable standard historical sources. Reasonably ascertainable means information that is publicly available, obtainable from a source with reasonable time and cost constraints, and practically reviewable.*

To meet the prior use requirements of ASTM E 1527-00, Section 7.3.4, the following *standard historical sources* may be used: aerial photographs, fire insurance maps, property tax files, land title records (although these cannot be the sole historical source consulted), topographic maps, city directories, building department records, or zoning/land use records. ASTM E 1527-00 requires *"All obvious uses of the property shall be identified from the present, back to the property's obvious first developed use, or back to 1940, whichever is earlier. This task requires reviewing only as many of the standard historical sources as are necessary, and that are reasonably ascertainable and likely to be useful."* (ASTM E 1527-00, Section 7.3.4, page 12.

Aerial Photographs

Aerial photographs are a valuable historical resource for documenting past land use and can be particularly helpful when other historical sources (such as city directories or fire insurance maps) are not reasonably ascertainable. The EDR Aerial Photograph Print Service includes a search of aerial photograph collections flown by public and private agencies for the state of New York. EDR's professional field-based researchers provide digitally reproduced historical aerial photographs at approximately ten year intervals.

Disclaimer
Copyright and Trademark Notice

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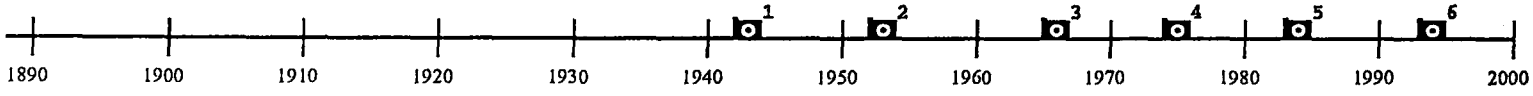
Environmental Data Resources, Inc.

Prior Use Report® Timeline

Target Property



Legend:

= Historical Topographic Map (HT)

= National Wetland Inventory Map (WT) *

= Flood Prone/FEMA Maps (FP/FR) *

= Aerial Photos Included (P) *

= Aerial Photos Available *

= Residential (R)

= Commercial or Industrial (C)

Superscript number corresponds to graph ID in text

**Displayed on timeline when aerial photos, flood prone, FEMA, wetland maps, or Aerial Research Summary are purchased.*

Target Property:	Gowanus Canal	**Customer:**	Galli Engineering PC
Address:	510 Sackett Street	**Contact:**	Bill Conroy
City/State/Zip:	Brooklyn, NY 11217	**Inquiry #:**	871320-7
		Date:	10/28/02

4. SUMMARY

- *Aerial Photographs:*

Date EDR Searched Historical Sources:
Aerial Photography October 28, 2002

Target Property:
510 Sackett Street
Brooklyn, NY 11217

PUR ID *Year*	*Uses*	*Portion-Findings (FIM Information Only)*	*Source*
1 1943	Aerial Photograph. Scale: 1"=750'	Panel #: 2440073-F8/Flightdate: December 23, 1943	nar
2 1953	Aerial Photograph. Scale: 1"=750'	Panel #: 2440073-F8/Flightdate: December 5, 1953	nar
3 1966	Aerial Photograph. Scale: 1"=750'	Panel #: 2440073-F8/Flightdate: February 23, 1966	nar
4 1975	Aerial Photograph. Scale: 1"=750'	Panel #: 2440073-F8/Flightdate: April 1, 1975	nar
5 1984	Aerial Photograph. Scale: 1"=750'	Panel #: 2440073-F8/Flightdate: April 27, 1984	nar
6 1994	Aerial Photograph. Scale: 1"=833'	Panel #: 2440073-F8/Flightdate: April 4, 1994	nar

Glossary of Terms

A.A.A.

Aerial photograph flyer: Agriculture Adjustment Administration (Federal).

A.S.C.S

Aerial photograph flyer: Agricultural Stabilization and Conservation Service (Federal)

Address in Research Source

Indicates that a property is listed at a different address than the one provided by the user. Generally occurs when a property is located on a corner or, when the physical address of a property is different than its mailing address.

Address Not Listed in Research Source

Occurs when a specific site address is not listed in city directories and/or fire insurance maps.

Adjoining

Any property that is contiguous, or a property that would be contiguous if not for a public thoroughfare, to the target property. *To differentiate from each adjoining property, stand at the target property's "front door" facing the street.*

Adjoining Back

Property directly to the rear of the target property. (Applies only to fire insurance map data.)

Adjoining Front

Property directly in front of the target property. (Applies only to fire insurance map data.)

Adjoining Left

Property directly to the left of the target property. (Applies only to fire insurance map data.)

Adjoining Right

Property directly to the right of the target property. (Applies only to fire insurance map data.)

Adjoining Surrounding Area

Property that may adjoin the target property but due to lack of specific map information cannot be located precisely. This situation typically occurs when city directory information, but not fire insurance map information, is available.

C.A.S

Aerial photograph flyer: Chicago Aerial Survey (private).

C.S.S.

Aerial photograph flyer: Commodity Stabilization Service (Federal).

Cartwright

Aerial photograph flyer: Cartwright (private)

CD

City Directory

Commercial

Any property including, but not limited to, property used for industrial, retail, office, agricultural, other commercial, medical, or educational purposes; property used for residential purposes that has more than four residential dwelling units.

Commercial or Industrial

Property that has either a commercial *or* an industrial use. Examples include retail stores, manufacturing facilities, factories, and apartment buildings.

D.N.R.

Aerial photograph flyer: Department of National Resources (state).

D.O.T.

Aerial photograph flyer: Department of Transportation (state).

Fairchild

Aerial photograph flyer: Fairchild (private).

FIM

Fire Insurance Map

Flood Insurance Rate Maps

Flood Insurance Rate Maps are produced by the Federal Emergency Management Agency (FEMA). These maps indicate special flood hazard areas, base flood elevations and flood insurance risk zones.

Flood Prone Area Maps

Flood Prone Area maps are produced by the United States Geological Survey (USGS). Areas identified as flood prone have been determined by available information gathered from past floods.

F.S.

Aerial photograph flyer: Forest Service (Federal).

Geonex

Aerial photograph flyer: Geonex (private).

M.C.

Aerial photograph flyer: Metropolitan Council of the Twin Cities Area (state).

Mark Hurd

Aerial photograph flyer: Mark Hurd (private)

N.A.P.P.

Aerial photograph flyer: National Aerial Photography Program (Federal).

National Wetland Inventory Maps

National Wetland Inventory Maps are produced by the U.S. Fish and Wildlife Service, a division of the U.S. Department of the Interior. Wetland and deepwater habitat information is identified on a 7.5 minute U.S.G.S. topographic map. The classification system used categorizes these habitats into five systems: marine, estuarine, riverine, lacustrine and palustrine.

No Return

Indicates that site owner was unavailable at time of surveyor's contact. *(Applies only to city directories.)*

No Structure Identified on Parcel

Used when site boundaries and/or site address is indicated on a fire insurance map; no structure details exist.

Other

Occurs when the site's classification is different that EDR's standard categories. Examples may include undeveloped land and buildings with no specified function.

P.M.A.

Aerial photograph flyer: Production and Marketing Administration (Federal).

Pacific Aerial

Aerial photograph flyer: Pacific Aerial (private)

Portion

Refers to the fire insurance map information identified on the four quadrants of a target or adjoining property. The portions are referred to as *Frontright*, *Frontleft*, *Backright*, and *Backleft* and are determined as if one were standing at the front door, facing the street.

Property Not Defined

Used when property is not clearly demarcated on a fire insurance map.

Residential

Any property having fewer than five dwelling units used exclusively for residential purposes.

Residential with Commercial Uses (a.k.a. Multiple Purpose Address)

A business (firm) and residence at the same address. Examples include a doctor, attorney, etc. working out of his/her home.

Sidwell

Aerial photograph flyer: Sidwell (private).

Site Not Mapped

Occurs when an adjoining property has not been mapped by fire insurance map surveyors. (Applies only to fire insurance map data

Teledyne

Aerial photograph flyer: Teledyne (private)

Topographic Maps

Topographic maps are produced by the United States Geological Survey (USGS). These maps are color coded line and symbol representations of natural and selected artificial features plotted to scale.

Turnbow

Aerial photograph flyer: Michael Turnbow (private)

U.S.D.A.

Aerial photograph flyer: United States Department of Agriculture (Federal).

U.S.D.I.

Aerial photograph flyer: United States Department of the Interior (Federal).

U.S.G.S.

Aerial photograph flyer: United States Geological Survey (Federal).

Vacant

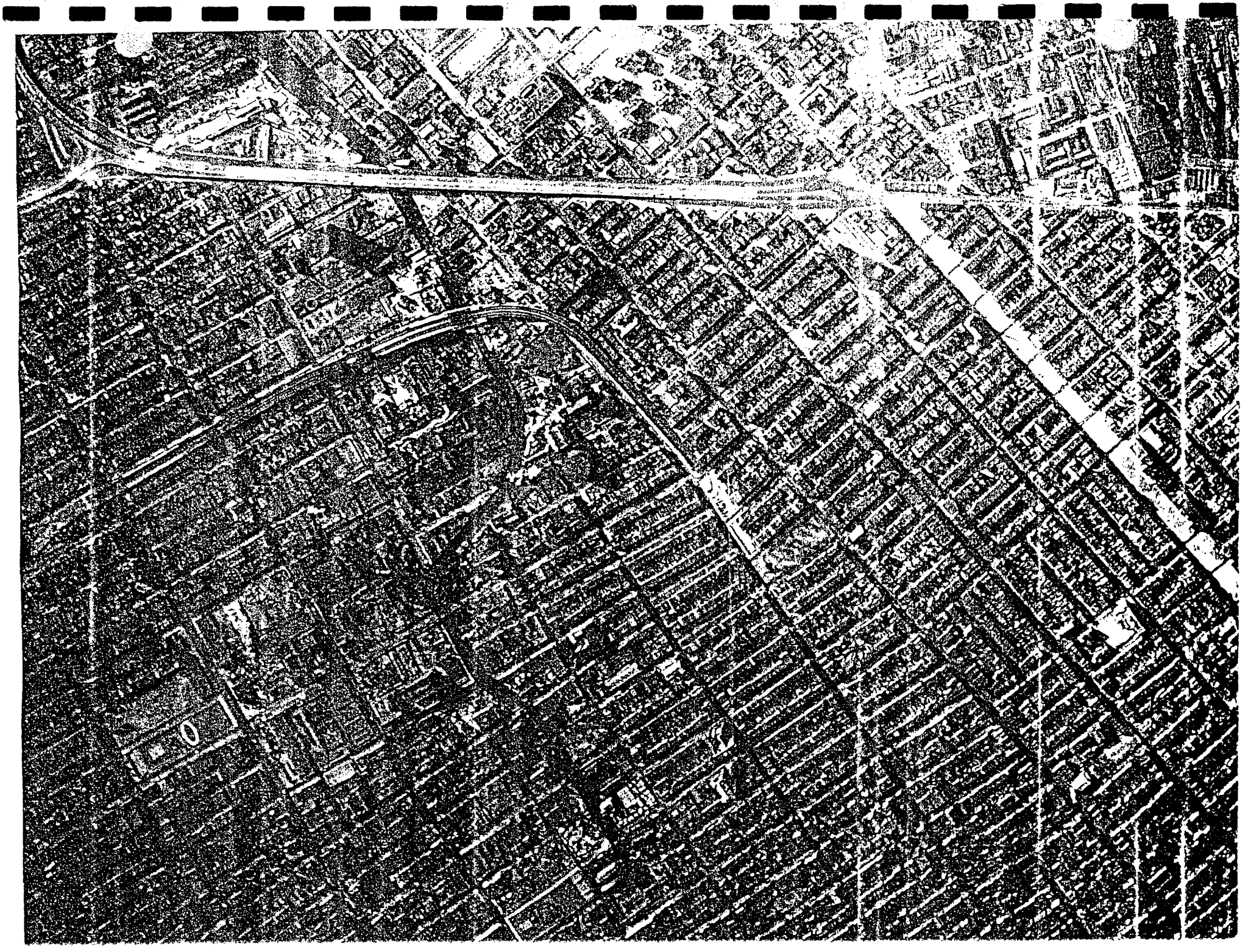
May refer to an unoccupied structure or land. *Used only when fire insurance map or city directory specifies 'vacant.'*

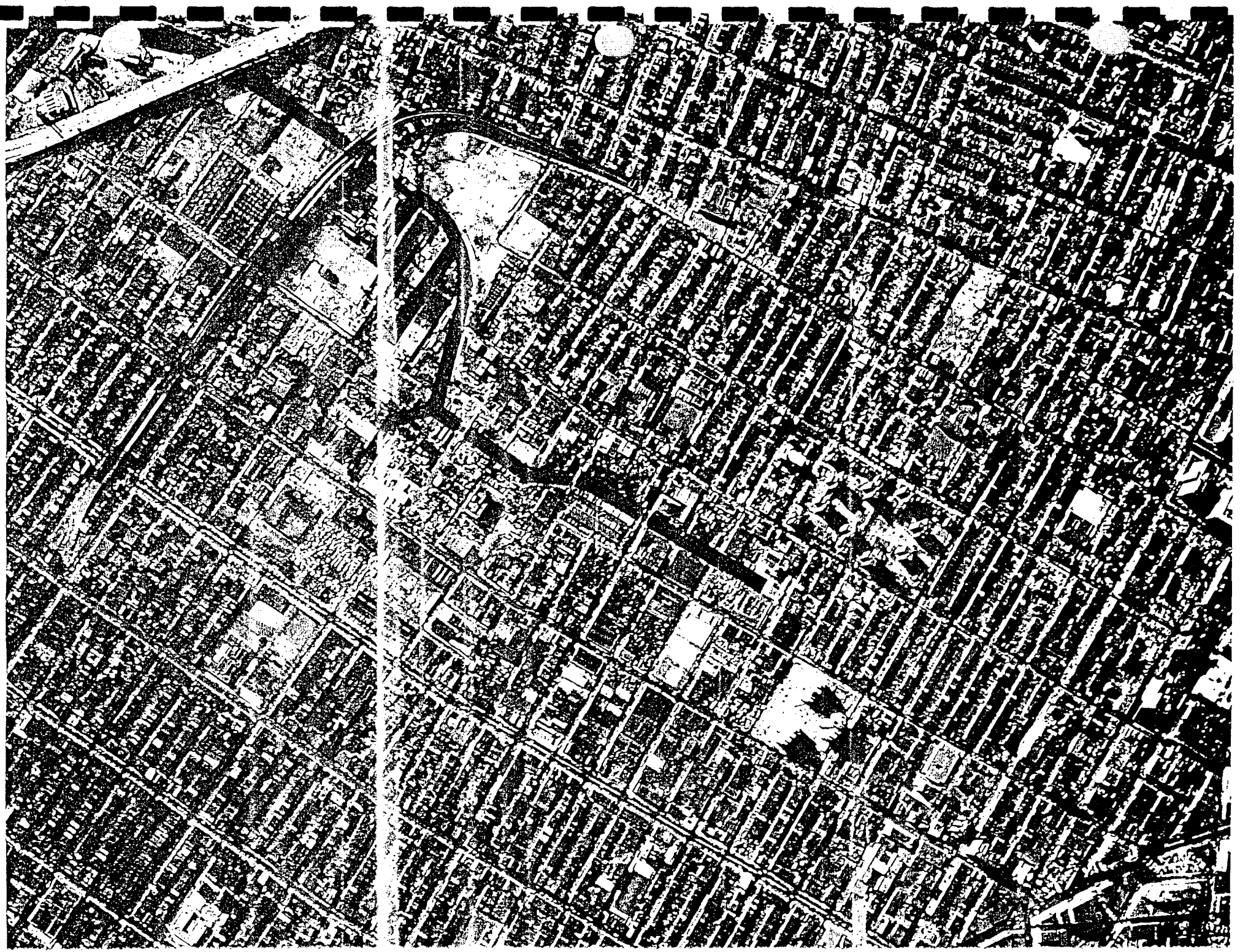
W.P.A.

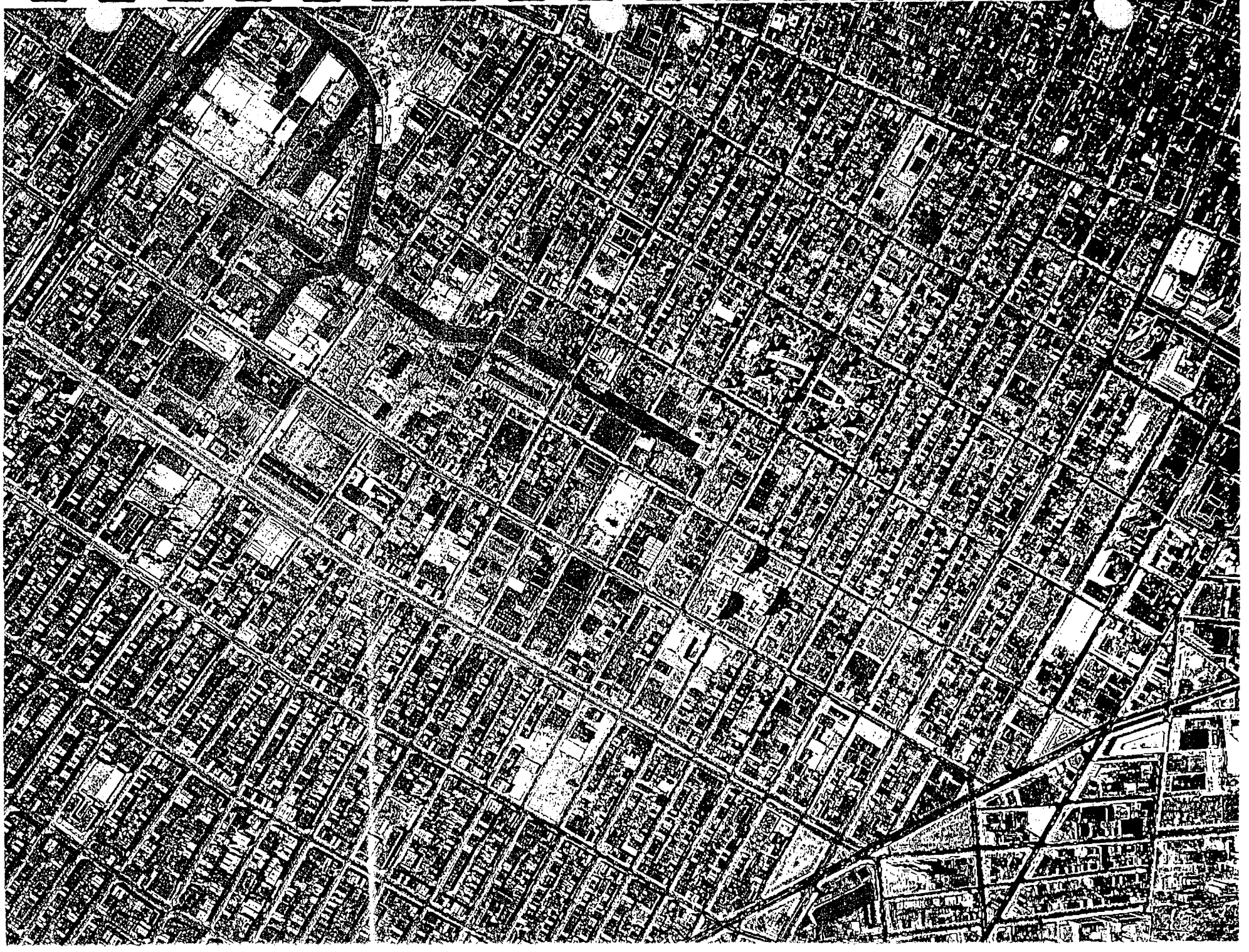
Aerial photograph flyer: Works Progress Administration (Federal).

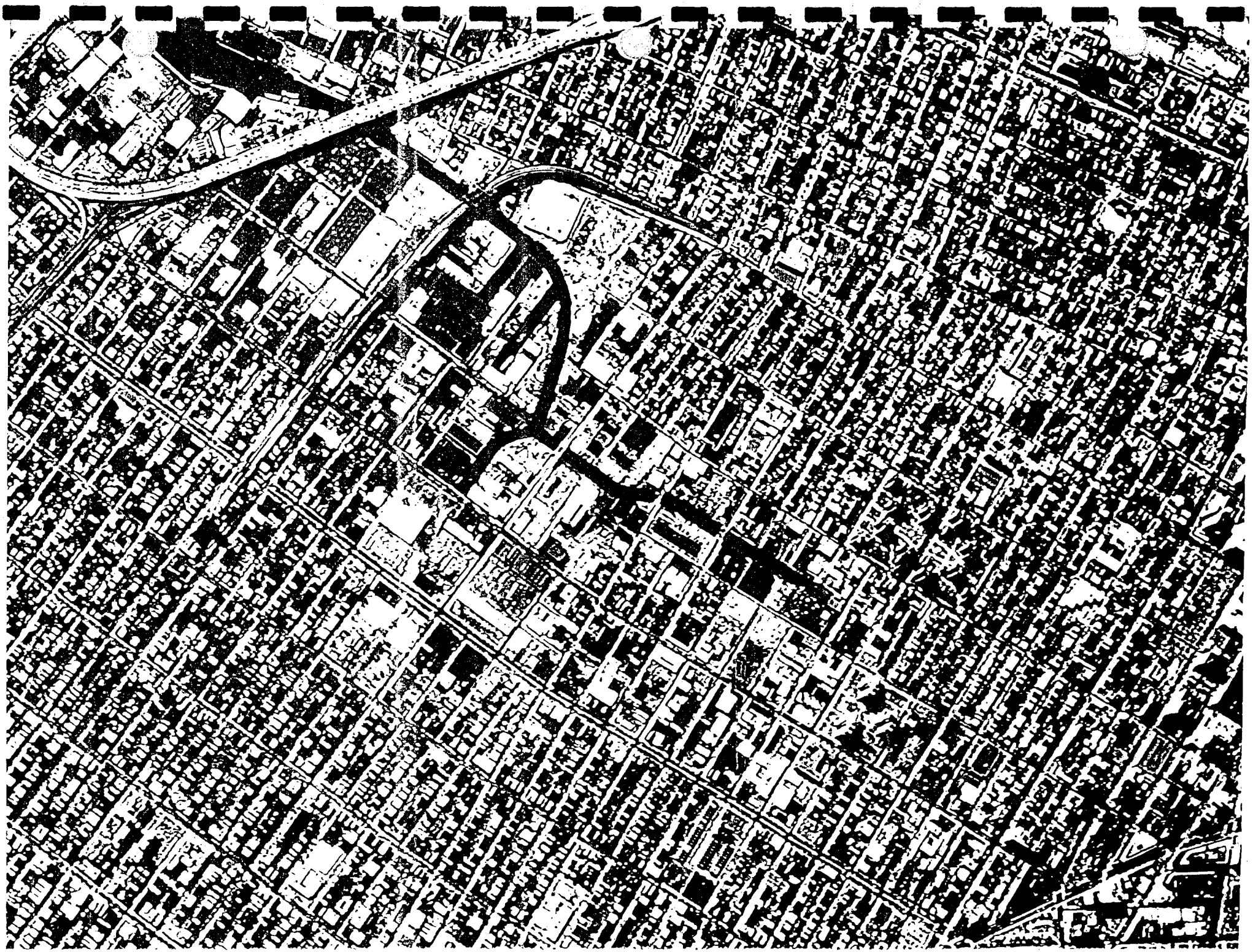
WALLACE

Aerial photograph flyer: Wallace (private).









APPENDIX F

SITE PLAN

APPENDIX G

ANALYTICAL DATA REPORT BY ACCREDITED LABORATORIES, INC.

ACCREDITED LABORATORIES, INC.
Implementing Tomorrow's Technology, Today™...

Analytical Data Report

for

Galli Engineering
734 Walt Whitman Rd.
Melville, NY 11747

Project: Gowanus Canal, L L C

Accredited Laboratories Case No.: 8255
Date Received: 11/06/02

Field ID	Laboratory Sample #
7-A	200214295
1-A	200214296
5-A	200214297
8-A	200214298
3-A	200214299
7-S	200214300
1-S	200214301
5-S	200214302
8-S	200214303
3-S	200214304

Accredited Laboratories, Inc. New York Certification Number 11109. This data has been reviewed and accepted by:

Theodore C. Gaydos
Technical Director

(732) 541-2025
CORPORATE OFFICES
20 Pershing Avenue
Carteret, New Jersey 07008
FAX (732) 541-1383

Total pages 283

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ACCREDITED LABORATORIES, INC.
20 PERSHING AVENUE
CARTERET, NEW JERSEY 07008
PHONE (732) 541-2025 FAX (732) 541-1383

CHAIN OF CUSTODY FORM

STATE AGENCY NJ (NY) PA CT DE OTHER ____

CLIENT	Galli Engineering, P.C.
ADDRESS	734 Walt Whitman Rd, Ste 402A
CITY	Melville
STATE	NY ZIP 11747

PROJECT	Gowanus Canal, LLC
CONTACT	Bill Conroy
PHONE	631-271-9292
FAX	631-271-9345

ALI SAMPLE #	FIELD ID	*C	**M	DATE / TIME SAMPLED	SAMPLE DESCRIPTION	ANALYSIS
0214295	7 - A	3	A	11.4.02 1440	Groundwater	VOC, SVOC
0214296	1 - A	4	A	11.4.02 1620	Groundwater	VOC, SVOC, PPM
0214297	5 - A	4	A	11.5.02 0935	Groundwater	VOC, SVOC, PPM
0214298	8 - A	3	A	11.5.02 1049	Groundwater	VOC, SVOC
0214299	3 - A	3	A	11.5.02 1145	Groundwater	VOC, SVOC
0214300	7 - S	2	S	11.4.02 1415	Soil	VOC, SVOC, PPM
0214301	1 - S	2	S	11.4.02 1535	Soil	VOC, SVOC, PPM
0214302	5 - S	2	S	11.5.02 0935	Soil	VOC, SVOC, PPM
0214303	8 - S	2	S	11.5.02 1049	Soil	VOC, SVOC, PPM
0214304	3 - S	2	S	11.5.02 1122	Soil	VOC, SVOC, PPM

**M = MATRIX A=AQUEOUS S=SOIL G=SLUDGE P=POTABLE WATER O=OIL F=FILTER K=SOLID X=OTHER

*C = NO. CONTAINERS TURNAROUND: Std (If Blank, Std. 3 weeks)

DELIVERABLES (circle one) STD (REDUCED) FULL OTHER ____

RELINQUISHED BY: PRINT	RELINQUISHED BY: SIGN	RECEIVED BY: PRINT	RECEIVED BY: SIGN	ORGANIZATION	DATE	TIME	REASON
Bill Conroy	Bill Conroy			Galli	11/6/02	1056	
Matt Fitch		Matt Fitch		ALI	11/6/02	1056	
		Jason Lee		ALI	11/6/02		

PERSON(S) ASSUMING RESPONSIBILITY FOR SAMPLING: PRINT: Bill Conroy SIGN: Bill Conroy

COMMENTS: All Samples Preserved With Ice MF
cool

ALI QUOTE#:
ALI CASE#: 8255
P.O.#:

METHODOLOGY SUMMARY

Volatile Organics - EPA 8260 (aqueous)

Volatile organic compounds are purged from a 5 ml sample by bubbling an inert gas through the aqueous sample. The purgeables are trapped in a sorbent column. When purging is completed, the sorbent column is heated and back-flushed with the inert gas to desorb the purgeables onto a GC column. The GC is temperature-programmed to separate the purgeables which are then detected with a mass spectrometer.

Volatile Organics - EPA 8260 (soil)

An inert gas is purged through a 5 g sample at elevated temperature. Alternatively the soil is extracted with methanol. A portion of extract is spiked into a purging vessel and purged by an inert gas. The vapor is swept through a sorbent column where the purgeables are trapped. After purging is completed, the sorbent column is heated and back-flushed with the inert gas to desorb the purgeables onto a GC column. The GC is temperature programmed to separate the purgeables which are then detected with a mass spectrometer.

Base-Neutral/Acid Extractables - EPA 8270 (aqueous)

A one liter aqueous sample is serially extracted with methylene chloride at a pH greater than 11 and again at a pH less than 2. The methylene chloride extract is dried and concentrated. The extracts are combined and spiked with the internal standards prior to the injection. A measured amount is injected into a GC and the analytes are detected with a mass spectrometer.

Base-Neutral/Acid Extractables - EPA 8270 (soil)

A 30 gram portion of soil is mixed with anhydrous sodium sulfate and is extracted with 1:1 methylene chloride and acetone. The methylene chloride extract is dried and concentrated and a measured amount is injected onto a GC and the analytes are detected with a mass spectrometer.

Metals (aqueous)

A 100 ml portion of aqueous is digested with nitric acid on a hot plate and evaporated to near dryness cautiously. The digestate is then refluxed with either nitric acid or hydrochloric acid. Diluted hydrochloric acid is used as the final reflux acid for the flame AA or ICAP of Ag, Al, Ba, Be, Cd, Cr, Co, Cu, Fe, Pb, Ni, Sb, Sn, Tl and Zn. Diluted nitric acid is employed as the final

dilution acid for the furnace AA analysis of As, Pb and Se. For the graphite furnace analysis, an aliquot of the digestate is spiked with modifier solution and is placed into the graphite furnace. The aliquot is then slowly evaporated to dryness, charred and atomized. The absorption of the EDL radiation during atomization is proportional to the element concentration. For the flame AA, the digestate is aspirated and atomized into a flame. The absorption of the HCL radiation during atomization is proportional to the element concentration. The basis of the ICAP method is the measurement of the atomic emission by an optical spectroscope technique. The emission spectra are dispersed by a grating spectrometer and the intensities of the line are measured and processed by a computer system. For mercury analysis, a 100 ml portion of sample is digested with potassium permanganate and persulfate at acidic conditions in a water bath at 95°C. The mercury in the sample is reduced to the elemental state and detected by the cold vapor technique in a closed system. The analytical procedures associated with the Atomic Absorption technique are derived from "EPA Methods for Chemical Analysis of Water and Wastes" - EPA Method 200 Series. The analytical procedures associated with ICAP techniques are derived from EPA Method 200.7.

Metals (soil)

A 1-5 gram portion of soil is digested with nitric acid and hydrogen peroxide. The digestate is then refluxed with either nitric acid or hydrochloric acid. Diluted hydrochloric acid is used as the final reflux acid for the flame AA or ICAP of Ag, Al, Ba, Be, Cd, Cr, Co, Cu, Fe, Pb, Ni, Sb, Sn, Tl and Zn. Diluted nitric acid is employed as the final dilution acid for the furnace AA analysis of As, Pb and Se. For the graphite furnace analysis, an aliquot of the digestate is spiked with nickel nitrate solution and is placed into the graphite furnace. The aliquot is then slowly evaporated to dryness, charred and atomized. The absorption of the EDL radiation during atomization is proportional to the element concentration. For the flame AA, the digestate is aspirated and atomized in a flame. The absorption of the HCL radiation during atomization is proportional to the element concentration. The basis of ICAP method is the measurement of atomic emission by an optical spectroscope technique. The emission spectra are dispersed by a grating spectrometer and the intensities of the line are measured and processed by a computer system. For mercury analysis, a 0.5-1.0 gram portion of sample is digested with potassium permanganate and persulfate at acidic condition in a water bath at 95°C. The mercury in the sample is reduced to the elemental state and detected by the cold vapor technique in a closed system. The analytical procedures are derived from "EPA Methods for Evaluating Solid Waste, 3rd Edition, 1986" The AA technique is specified in Method 7000 series. The ICAP technique is specified in Method 6010.

ACCREDITED LABORATORIES, INC.
VOLATILE ORGANIC ANALYSIS DATA

CASE NUMBER	8255	MATRIX	Aqueous
SAMPLE NUMBER	0214295	DILUTION FACTOR	1.6
DATA FILE	>03728	DATE EXTRACTED	
CLIENT NAME	GE	DATE ANALYZED	11/14/02
FIELD ID	7-A	ANALYZED BY	ATEF

CAS #	COMPOUND	UG/L		MDL
107028	Acrolein	U		25
107131	Acrylonitrile	U		8
75718	Dichlorodifluoromethane	U		5
74873	Chloromethane	U		5
75014	Vinyl Chloride	U		5
74839	Bromomethane	U		5
75003	Chloroethane	U		5
75694	Trichlorofluoromethane	U		5
75354	1,1-Dichloroethene	U		5
75092	Methylene Chloride	8	B	5
156605	trans-1,2-Dichloroethene	U		5
75343	1,1-Dichloroethane	U		5
590207	2,2-Dichloropropane	U		5
156592	cis-1,2-Dichloroethene	U		5
67663	Chloroform	U		5
74975	Bromochloromethane	U		5
71556	1,1,1-Trichloroethane	U		5
563586	1,1-Dichloropropene	U		5
56235	Carbon Tetrachloride	U		5
107062	1,2-Dichloroethane	U		5
71432	Benzene	U		5
79016	Trichloroethene	U		5
78875	1,2-Dichloropropane	U		5
75274	Bromodichloromethane	U		5
74953	Dibromomethane	U		5
10061015	cis-1,3-dichloropropene	U		5
108883	Toluene	U		5
10061026	trans-1,3-Dichloropropene	U		5
79005	1,1,2-Trichloroethane	U		5
142289	1,3-dichloropropane	U		5
127184	Tetrachloroethene	U		5
124481	Dibromochloromethane	U		5
106934	1,2-Dibromoethane	U		5
100414	Ethylbenzene	U		5

CAS #	COMPOUND	UG/L		MDL
108907	Chlorobenzene	U		5
630206	1,1,1,2-Tetrachloroethane	U		5
1330207	m,p-Xylene	U		10
100425	Styrene	U		5
98828	Isopropylbenzene	U		5
75252	Bromoform	U		5
79345	1,1,2,2-Tetrachloroethane	U		5
96184	1,2,3-Trichloropropane	U		5
103651	n-Propyl benzene	U		5
108861	Bromobenzene	U		5
108678	1,3,5-Trimethylbenzene	U		5
95498	2-Chlorotoluene	U		5
106434	4-Chlorotoluene	U		5
98066	tert-Butylbenzene	U		5
95636	1,2,4-Trimethylbenzene	U		5
135988	sec-Butylbenzene	U		5
99871	p-Isopropyltoluene	1.2		5
541731	1,3-Dichlorobenzene	U		5
106467	1,4-Dichlorobenzene	U		5
104518	n-Butylbenzene	U		5
95501	1,2-Dichlorobenzene	U		5
96128	1,2-Dibromo-3-Chloropropane	U		5
120821	1,2,4-Trichlorobenzene	U		5
87683	Hexachlorobutadiene	U		5
87616	1,2,3-Trichlorobenzene	U		5
95476	o-Xylene	U		5
75150	Carbon disulfide	U		5
110758	2-Chloroethylvinylether	U		5
67641	Acetone	U		5
108054	Vinyl acetate	U		5
78933	2-Butanone	U		5
108101	4-Methyl-2-pentanone	U		5
591786	2-Hexanone	U		5

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	112 %	76-114	OK
Toluene-d8	103 %	88-110	OK
Bromofluorobenzene	107 %	86-115	OK

J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
D - Indicates result is based on a dilution
B - Indicates compound found in associated blank.
E - Indicates result exceeds highest calibration standard

ACCREDITED LABORATORIES, INC.
VOLATILE ORGANIC ANALYSIS DATA

CASE NUMBER	8255	MATRIX	Aqueous
SAMPLE NUMBER	0214296	DILUTION FACTOR	1.0
DATA FILE	>03729	DATE EXTRACTED	
CLIENT NAME	GE	DATE ANALYZED	11/14/02
FIELD ID	1-A	ANALYZED BY	ATEF

CAS #	COMPOUND	UG/L	MDL
107028	Acrolein	U	25
107131	Acrylonitrile	U	8
75718	Dichlorodifluoromethane	U	5
74873	Chloromethane	U	5
75014	Vinyl Chloride	U	5
74839	Bromomethane	U	5
75003	Chloroethane	U	5
75694	Trichlorofluoromethane	U	5
75354	1,1-Dichloroethene	U	5
75092	Methylene Chloride	U	5
156605	trans-1,2-Dichloroethene	U	5
75343	1,1-Dichloroethane	U	5
590207	2,2-Dichloropropane	U	5
156592	cis-1,2-dichloroethene	U	5
67663	Chloroform	U	5
74975	Bromochloromethane	U	5
71556	1,1,1-Trichloroethane	U	5
563586	1,1-Dichloropropene	U	5
56235	Carbon Tetrachloride	U	5
107062	1,2-Dichloroethane	U	5
71432	Benzene	220 E	5
79016	Trichloroethene	U	5
78875	1,2-Dichloropropane	U	5
75274	Bromodichloromethane	U	5
74953	Dibromomethane	U	5
10061015	cis-1,3-dichloropropene	U	5
108883	Toluene	180	5
10061026	trans-1,3-Dichloropropene	U	5
79005	1,1,2-Trichloroethane	U	5
142289	1,3-dichloropropane	U	5
127184	Tetrachloroethene	U	5
124481	Dibromochloromethane	U	5
106934	1,2-Dibromoethane	U	5
100414	Ethylbenzene	400 E	5

CAS #	COMPOUND	UG/L	MDL
108907	Chlorobenzene	U	5
630206	1,1,1,2-Tetrachloroethane	U	5
1330207	m,p-Xylene	520 E	10
100425	Styrene	U	5
98828	Isopropylbenzene	260 E	5
75252	Bromoform	U	5
79345	1,1,2,2-Tetrachloroethane	U	5
96184	1,2,3-Trichloropropane	U	5
103651	n-Propyl benzene	320 E	5
108861	Bromobenzene	U	5
108678	1,3,5-Trimethylbenzene	290 E	5
95498	2-Chlorotoluene	U	5
106434	4-Chlorotoluene	4 J	5
98066	tert-Butylbenzene	U	5
95636	1,2,4-Trimethylbenzene	210 E	5
135988	sec-Butylbenzene	20	5
99876	p-Isopropyltoluene	U	5
541731	1,3-Dichlorobenzene	U	5
106467	1,4-Dichlorobenzene	U	5
104518	n-Butylbenzene	100	5
95501	1,2-Dichlorobenzene	U	5
96128	1,2-Dibromo-3-Chloropropane	U	5
120821	1,2,4-Trichlorobenzene	U	5
87683	Hexachlorobutadiene	U	5
87616	1,2,3-Trichlorobenzene	U	5
95476	o-Xylene	410 E	5
75150	Carbon disulfide	U	5
110758	2-Chloroethylvinylether	U	5
67641	Acetone	U	5
108054	Vinyl acetate	U	5
789333	2-Butanone	U	5
108101	4-Methyl-2-pentanone	U	5
591786	2-Hexanone	U	5

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	119 %	76-114	OUT
Toluene-d8	111 %	88-110	OUT
Bromofluorobenzene	125 %	86-115	OUT

J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected,
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Indicates result exceeds highest calibration standard

ACCREDITED LABORATORIES, INC.
VOLATILE ORGANIC ANALYSIS DATA

CASE NUMBER	6255	MATRIX	Aqueous
SAMPLE NUMBER	02142760L	DILUTION FACTOR	100
DATA FILE	>03764	DATE EXTRACTED	
CLIENT NAME	CF	DATE ANALYZED	11/16/87
FIELD ID	1-A	ANALYZED BY	ATEF

CAS #	COMPOUND	UG/L		MDL
107028	Acrolein	U		1500
107131	Acrylonitrile	U		800
75718	Dichlorodifluoromethane	U		500
74873	Chloromethane	U		500
75014	Vinyl chloride	U		500
74839	Bromomethane	U		500
75003	Chloroethane	U		500
75694	Trichlorofluoromethane	U		500
75354	1,1-Dichloroethene	U		500
75092	Methylene Chloride	J		500
156605	trans-1,2-Dichloroethene	U		500
75343	1,1-Dichloroethane	U		500
590207	2,2-Dichloropropane	U		500
156592	cis-1,2-Dichloroethene	U		500
67663	Chloroform	U		500
74975	Bromochloromethane	U		500
71556	1,1,1-Trichloroethane	U		500
563586	1,1-Dichloropropene	U		500
56235	Carbon Tetrachloride	U		500
107062	1,2-Dichloroethane	U		500
71432	Benzene	220	J D	500
79016	Trichloroethene	U		500
78875	1,2-Dichloropropane	U		500
75274	Bromodichloromethane	U		500
74953	Dibromomethane	U		500
10061015	cis-1,3-dichloropropene	U		500
108883	Toluene	150	J D	500
10061026	trans-1,3-Dichloropropene	U		500
79005	1,1,2-Trichloroethane	U		500
142289	1,3-dichloropropane	U		500
127184	Tetrachloroethene	U		500
124481	Dibromochloromethane	U		500
106934	1,2-Dibromoethane	U		500
100414	Ethylbenzene	2710	D	500

CAS #	COMPOUND	UG/L		MDL
108907	Chlorobenzene	U		500
630206	1,1,1,2-Tetrachloroethane	U		500
1330207	m,p-Xylene	6000	D	1000
100425	Styrene	U		500
98828	Isopropylbenzene	490	J D	500
75252	Bromoform	U		500
79345	1,1,2,2-Tetrachloroethane	U		500
96184	1,2,3-Trichloropropane	U		500
103651	n-Propyl benzene	510	J D	500
108861	Bromobenzene	U		500
108678	1,3,5-Trimethylbenzene	420	J D	500
95498	2-Chlorotoluene	U		500
106434	4-Chlorotoluene	U		500
98066	tert-Butylbenzene	U		500
95636	1,2,4-Trimethylbenzene	2600	D	500
135988	sec-Butylbenzene	U		500
99871	p-Isopropyltoluene	U		500
541731	1,3-Dichlorobenzene	U		500
106467	1,4-Dichlorobenzene	U		500
104518	n-Butylbenzene	U		500
95501	1,2-Dichlorobenzene	U		500
96128	1,2-Dibromo-3-Chloropropane	U		500
120821	1,2,4-Trichlorobenzene	U		500
87683	Hexachlorobutadiene	U		500
87616	1,2,3-Trichlorobenzene	U		500
95476	o-Xylene	510	D	500
75150	Carbon Disulfide	U		500
110758	2-Chloroethylvinylether	U		500
67641	Acetone	U		500
108054	Vinyl acetate	U		500
78933	2-Butanone	U		500
108101	4-Methyl-2-pentanone	U		500
591786	2-Hexanone	U		500

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	111 %	76-114	OK
Toluene-d8	102 %	88-110	OK
Bromofluorobenzene	103 %	86-115	OK

J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Indicates result exceeds highest calibration standard

ACCREDITED LABORATORIES, INC.
VOLATILE ORGANIC ANALYSIS DATA

CASE NUMBER	8255	MATRIX	Aqueous
SAMPLE NUMBER	0214297	DILUTION FACTOR	1.0
DATA FILE	>03762	DATE EXTRACTED	
CLIENT NAME	GE	DATE ANALYZED	11/16/87
FIELD ID	5-A	ANALYZED BY	ATEF

CAS #	COMPOUND	UG/L	MDL
107028	Acrolein	U	25
107131	Acrylonitrile	U	8
75718	Dichlorodifluoromethane	U	5
74873	Chloromethane	U	5
75014	Vinyl Chloride	U	5
74839	Bromomethane	U	5
75003	Chloroethane	U	5
75694	Trichlorofluoromethane	U	5
75354	1,1-Dichloroethene	U	5
75092	Methylene Chloride	U	5
156605	trans-1,2-Dichloroethene	U	5
75343	1,1-Dichloroethane	U	5
590207	2,2-Dichloropropane	U	5
156592	cis-1,2-dichloroethene	U	5
67663	Chloroform	U	5
74975	Bromochloromethane	U	5
71556	1,1,1-Trichloroethane	U	5
563586	1,1-Dichloropropene	U	5
56235	Carbon Tetrachloride	U	5
107062	1,2-Dichloroethane	U	5
71432	Benzene	U	5
79016	Trichloroethene	U	5
78875	1,2-Dichloropropane	U	5
75274	Bromodichloromethane	U	5
74953	Dibromomethane	U	5
10061015	cis-1,3-dichloropropene	U	5
108883	Toluene	15	5 ✓
10061025	trans-1,3-Dichloropropene	U	5
79005	1,1,2-Trichloroethane	U	5
142289	1,3-dichloropropane	U	5
127184	Tetrachloroethene	U	5
124481	Dibromochloromethane	U	5
106934	1,2-Dibromoethane	U	5
100414	Ethylbenzene	2 J	5

CAS #	COMPOUND	UG/L	MDL
108907	Chlorobenzene	U	5
630206	1,1,1,2-Tetrachloroethane	U	5
1330207	m,p-Xylene	5 J	10 ✓
100425	Styrene	U	5
98828	Isopropylbenzene	U	5
75252	Bromoform	U	5
79345	1,1,2,2-Tetrachloroethane	U	5
96184	1,2,3-Trichloropropane	U	5
103651	n-Propyl benzene	U	5
108861	Bromobenzene	U	5
108678	1,3,5-Trimethylbenzene	U	5
95498	2-Chlorotoluene	U	5
106434	4-Chlorotoluene	U	5
98066	tert-Butylbenzene	U	5
95636	1,2,4-Trimethylbenzene	5 J	5
135988	sec-Butylbenzene	U	5
99376	p-Isopropyltoluene	U	5
541731	1,3-Dichlorobenzene	U	5
106467	1,4-Dichlorobenzene	U	5
104518	n-Butylbenzene	U	5
95501	1,2-Dichlorobenzene	U	5
96128	1,2-Dibromo-3-Chloropropane	U	5
120821	1,2,4-Trichlorobenzene	U	5
87683	Hexachlorobutadiene	U	5
87616	1,2,3-Trichlorobenzene	U	5
95476	o-Xylene	U	5
75150	Carbon disulfide	U	5
110758	2-Chloroethyl vinyl ether	U	5
67641	Acetone	U	5
108054	Vinyl acetate	U	5
78933	2-Butanone	10	5
108101	4-Methyl-2-pentanone	U	5
591786	2-Hexanone	U	5

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	112 %	76-114	OK
Toluene-d8	103 %	88-110	OK
Bromofluorobenzene	104 %	86-115	OK

J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected,
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Indicates result exceeds highest calibration standard

ACCREDITED LABORATORIES, INC.
VOLATILE ORGANIC ANALYSIS DATA

CASE NUMBER	8255	MATRIX	Aqueous
SAMPLE NUMBER	0214298	DILUTION FACTOR	1.0
DATA FILE	>03735	DATE EXTRACTED	
CLIENT NAME	SE	DATE ANALYZED	11/14/87
FIELD ID	B-9	ANALYZED BY	STEF

CAS #	COMPOUND	UG/L		MDL
107028	Acrolein	U		25
107131	Acrylonitrile	U		8
75718	Dichlorodifluoromethane	U		5
74873	Chloromethane	U		5
75014	Vinyl Chloride	U		5
74839	Bromomethane	U		5
75003	Chloroethane	U		5
75694	Trichlorofluoromethane	U		5
75354	1,1-Dichloroethene	U		5
75092	Methylene Chloride	8	B	5
156605	trans-1,2-Dichloroethene	U		5
75343	1,1-Dichloroethane	U		5
590207	2,2-Dichloropropane	U		5
156592	cis-1,2-dichloroethene	U		5
67663	Chloroform	U		5
74975	Bromochloromethane	U		5
71556	1,1,1-Trichloroethane	U		5
563586	1,1-Dichloropropene	U		5
56235	Carbon Tetrachloride	U		5
107062	1,2-Dichloroethane	U		5
71432	Benzene	U		5
79016	Trichloroetnene	U		5
78875	1,2-Dichloropropane	U		5
75274	Bromodichloromethane	U		5
74953	Dibromomethane	U		5
10061015	cis-1,3-Dichloropropene	U		5
108883	Toluene	1	J	5
10061026	trans-1,3-Dichloropropene	U		5
79005	1,1,2-Trichloroethane	U		5
142289	1,3-dichloropropane	U		5
127184	Tetrachloroethene	U		5
124481	Dibromochloromethane	U		5
106934	1,2-Dibromoethane	U		5
100414	Ethylbenzene	4	J	5

CAS #	COMPOUND	UG/L		MDL
108907	Chlorobenzene	U		5
630206	1,1,1,2-Tetrachloroethane	U		5
1330207	m,p-Xylene	12		10
100425	Styrene	U		5
98828	Isopropylbenzene	U		5
75252	Bromoform	U		5
79345	1,1,2,2-Tetrachloroethane	U		5
96184	1,2,3-Trichloropropane	U		5
103651	n-Propyl benzene	2		5
108861	Bromobenzene	3		5
108678	1,3,5-Trimethylbenzene	2	J	5
95498	2-Chlorotoluene	U		5
106434	4-Chlorotoluene	U		5
98066	tert-Butylbenzene	U		5
95636	1,2,4-Trimethylbenzene	7		5
135988	sec-Butylbenzene	U		5
99876	p-Isopropyltoluene	U		5
541731	1,3-Dichlorobenzene	U		5
106467	1,4-Dichlorobenzene	U		5
104518	n-Butylbenzene	U		5
95501	1,2-Dichlorobenzene	U		5
96128	1,2-Dibromo-3-Chloropropane	U		5
120821	1,2,4-Trichlorobenzene	U		5
87683	Hexachlorobutadiene	U		5
87616	1,2,3-Trichlorobenzene	U		5
95476	o-Xylene	2	J	5
75150	Carbon disulfide	U		5
110758	2-Chloroethylvinylether	U		5
67641	Acetone	56		5
108054	Vinyl acetate	U		5
78933	2-Butanone	U		5
108101	4-Methyl-2-pentanone	U		5
591786	2-Hexanone	U		5

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	[illegible] %	76-114	OK
Toluene-d8	104 %	88-110	OK
Bromofluorobenzene	106 %	86-115	OK

J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Indicates result exceeds highest calibration standard

ACCREDITED LABORATORIES, INC.
VOLATILE ORGANIC ANALYSIS DATA

CASE NUMBER	8255	MATRIX	Aqueous
SAMPLE NUMBER	0214299	DILUTION FACTOR	1.0
DATA FILE	>03734	DATE EXTRACTED	
CLIENT NAME	SE	DATE ANALYZED	11/14/02
FIELD ID	5-A	ANALYZED BY	ATEF

CAS #	COMPOUND	UG/L		MDL
107028	Acrolein	U		25
107131	Acrylonitrile	U		8
75718	Dichlorodifluoromethane	U		5
74873	Chloromethane	U		5
75014	Vinyl Chloride	U		5
74839	Bromomethane	U		5
75003	Chloroethane	U		5
75694	Trichlorofluoromethane	5		5
75354	1,1-Dichloroethene	U		5
75092	Methylene Chloride	8	B	5
156605	trans-1,2-Dichloroethene	U		5
75343	1,1-Dichloroethane	U		5
590207	2,2-Dichloropropane	U		5
156592	cis-1,2-dichloroethene	U		5
67663	Chloroform	U		5
74975	Bromochloromethane	U		5
71556	1,1,1-Trichloroethane	U		5
563586	1,1-Dichloropropene	U		5
56235	Carbon Tetrachloride	U		5
107062	1,2-Dichloroethane	U		5
71432	Benzene	U		5
79016	Trichloroethene	U		5
78875	1,2-Dichloropropane	U		5
75274	Bromodichloromethane	U		5
74953	Dibromomethane	U		5
10061015	cis-1,3-dichloropropene	U		5
108883	Toluene	2	J	5
10061026	trans-1,3-Dichloropropene	U		5
79005	1,1,2-Trichloroethane	U		5
142289	1,3-dichloropropane	U		5
127184	Tetrachloroethene	U		5
124481	Dibromochloromethane	U		5
106934	1,2-Dibromoethane	U		5
100414	Ethylbenzene	5		5

CAS #	COMPOUND	UG/L		MDL
108907	Chlorobenzene	U		5
630206	1,1,1,2-Tetrachloroethane	U		5
1330207	m,p-Xylene	14		10
100425	Styrene	U		5
98828	Isopropylbenzene	1	J	5
75252	Bromoform	U		5
79345	1,1,2,2-Tetrachloroethane	U		5
96184	1,2,3-Trichloropropane	U		5
103651	n-Propyl benzene	1	J	5
108861	Bromobenzene	U		5
108678	1,3,5-Trimethylbenzene	5	J	5
95498	2-Chlorotoluene	U		5
106434	4-Chlorotoluene	U		5
98066	tert-Butylbenzene	U		5
95636	1,2,4-Trimethylbenzene	20		5
135988	sec-Butylbenzene	U		5
99876	p-Isopropyltoluene	U		5
541731	1,3-Dichlorobenzene	U		5
106467	1,4-Dichlorobenzene	U		5
104518	n-Butylbenzene	U		5
95501	1,2-Dichlorobenzene	U		5
96128	1,2-Dibromo-3-Chloropropane	U		5
120821	1,2,4-Trichlorobenzene	U		5
87683	Hexachlorobutadiene	U		5
87616	1,2,3-Trichlorobenzene	U		5
95476	o-Xylene	2	J	5
75150	Carbon disulfide	U		5
110758	2-Chloroetnylvinylether	U		5
67641	Acetone	15		5
108054	Vinyl acetate	U		5
789333	2-Butanone	U		5
108101	4-Methyl-2-pentanone	U		5
591786	2-Hexanone	U		5

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	110 %	76-114	OK
Toluene-d8	104 %	88-110	OK
Bromofluorobenzene	106 %	86-115	OK

J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected,
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Indicates result exceeds highest calibration standard

ACCREDITED LABORATORIES, INC.
VOLATILE ORGANIC ANALYSIS DATA

CASE NUMBER	8255	MATRIX	Soil
SAMPLE NUMBER	0214300	DILUTION FACTOR	1.0
DATA FILE	>A0008	DATE EXTRACTED	
CLIENT NAME	GE	DATE ANALYZED	11/16/02
FIELD ID	7-S	ANALYZED BY	DANIEL

CAS #	COMPOUND	UG/KG	MDL
107028	Acrolein	U	31
107131	Acrylonitrile	U	10
75718	Dichlorodifluoromethane	U	6
74873	Chloromethane	U	6
75014	Vinyl Chloride	U	6
74839	Bromomethane	U	7
75003	Chloroethane	U	6
75694	Trichlorofluoromethane	U	6
75354	1,1-Dichloroethene	U	6
75092	Methylene Chloride	3 J	6
156605	trans-1,2-Dichloroethene	U	6
75343	1,1-Dichloroethane	U	6
590207	2,2-Dichloropropane	U	6
156592	cis-1,2-dichloroethene	U	6
67663	Chloroform	U	6
74975	Bromochloromethane	U	6
71556	1,1,1-Trichloroethane	U	6
563586	1,1-Dichloropropene	U	6
56235	Carbon Tetrachloride	U	6
107062	1,2-Dichloroethane	U	6
71432	Benzene	U	6
79016	Trichloroethene	U	6
78875	1,2-Dichloropropane	U	6
75274	Bromodichloromethane	U	6
74953	Dibromomethane	U	6
10061015	cis-1,3-dichloropropene	U	6
108883	Toluene	U	6
10061026	trans-1,3-Dichloropropene	U	6
79005	1,1,2-Trichloroethane	U	6
142289	1,3-Dichloropropane	U	6
127184	Tetrachloroethene	U	6
124481	Dibromochloromethane	U	6
106934	1,2-Dibromoethane	U	6
100414	Ethylbenzene	U	6

CAS #	COMPOUND	UG/KG	MDL
108907	Chlorobenzene	U	6
630206	1,1,1,2-Tetrachloroethane	U	6
10330207	m,p-Xylene	U	12
100425	Styrene	U	6
98828	Isopropylbenzene	U	6
75252	Bromoform	U	6
79345	1,1,2,2-Tetrachloroethane	U	6
96184	1,2,3-Trichloropropane	U	6
103651	n-Propyl benzene	U	6
108861	Bromobenzene	U	6
108678	1,3,5-Trimethylbenzene	U	6
95498	2-Chlorotoluene	U	6
106434	4-Chlorotoluene	U	6
98066	tert-Butylbenzene	U	6
95636	1,2,4-Trimethylbenzene	U	6
135988	sec-Butylbenzene	U	6
99876	p-Isopropyltoluene	U	6
541731	1,3-Dichlorobenzene	U	6
106467	1,4-Dichlorobenzene	U	6
104518	n-Butylbenzene	U	6
95501	1,2-Dichlorobenzene	U	6
96128	1,2-Dibromo-3-Chloropropane	U	6
120821	1,2,4-Trichlorobenzene	U	6
87683	Hexachlorobutadiene	U	6
87616	1,2,3-Trichlorobenzene	U	6
95476	o-Xylene	U	6
75150	Carbon disulfide	U	6
110758	2-Chloroethylvinylether	U	6
67641	Acetone	U	6
108054	Vinyl acetate	U	6
789335	2-Butanone	U	6
108101	4-Methyl-2-pentanone	U	6
591786	2-Hexanone	U	6

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	102 %	70-121	OK
Toluene-d8	99 %	81-117	OK
Bromofluorobenzene	97 %	74-121	OK

Percent solid of 81.5 is used for all target compounds.

J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Indicates result exceeds highest calibration standard

ACCREDITED LABORATORIES, INC.
VOLATILE ORGANIC ANALYSIS DATA

CASE NUMBER	8255	MATRIX	Soil
SAMPLE NUMBER	0214301	DILUTION FACTOR	500
DATA FILE	>A0009	DATE EXTRACTED	
CLIENT NAME	GE	DATE ANALYZED	11/16/02
FIELD ID	1-S	ANALYZED BY	DANIEL

CAS #	COMPOUND	UG/KG		MDL
107028	Acrolein	U		15000
107131	Acrylonitrile	U		4700
75718	Dichlorodifluoromethane	U		2900
74873	Chloromethane	U		2900
75014	Vinyl Chloride	U		2900
74839	Bromomethane	U		3500
75003	Chloroethane	U		2900
75694	Trichlorofluoromethane	U		2900
75354	1,1-Dichloroethene	U		2900
75092	Methylene Chloride	920	J	2900
156605	trans-1,2-Dichloroethene	U		2900
75343	1,1-Dichloroethane	U		2900
590207	2,2-Dichloropropane	U		2900
156592	cis-1,2-dichloroethene	U		2900
67663	Chloroform	U		2900
74975	Bromochloromethane	U		2900
71556	1,1,1-Trichloroethane	U		2900
563586	1,1-Dichloropropene	U		2900
56235	Carbon Tetrachloride	U		2900
107062	1,2-Dichloroethane	U		2900
71432	Benzene	U		2900
79016	Trichloroethene	U		2900
78875	1,2-Dichloropropane	U		2900
75274	Bromodichloromethane	U		2900
74953	Dibromomethene	U		2900
10061015	cis-1,3-dichloropropene	U		2900
108883	Toluene	1100	J ✓	2900
10061026	trans-1,3-Dichloropropene	U		2900
79005	1,1,2-Trichloroethane	U		2900
142289	1,3-Dichloropropane	U		2900
127184	Tetrachloroethene	U		2900
124481	Dibromochloromethane	U		2900
106934	1,2-Dibromoethane	U		2900
100414	Ethylbenzene	49000	✓	2900

CAS #	COMPOUND	UG/KG		MDL
108907	Chlorobenzene	U		2900
630206	1,1,1,2-Tetrachloroethane	U		2900
10330207	m,p-Xylene	120000	✓	5900
100425	Styrene	U		2900
98828	Isopropylbenzene	10000	✓	2900
75252	Bromoform	U		2900
79345	1,1,2,2-Tetrachloroethane	U		2900
96184	1,2,3-Trichloropropane	U		2900
103651	n-Propyl benzene	24000	✓	2900
108861	Bromobenzene	U		2900
108678	1,3,5-Trimethylbenzene	49000	✓	2900
95498	2-Chlorotoluene	U		2900
106434	4-Chlorotoluene	U		2900
98066	tert-Butylbenzene	U		2900
95636	1,2,4-Trimethylbenzene	140000	E ✓	2900
135988	sec-Butylbenzene	U		2900
99876	p-Isopropyltoluene	U		2900
541731	1,3-Dichlorobenzene	U		2900
106467	1,4-Dichlorobenzene	U		2900
104518	n-Butylbenzene	U		2900
95501	1,2-Dichlorobenzene	U		2900
96128	1,2-Dibromo-3-Chloropropane	U		2900
120821	1,2,4-Trichlorobenzene	U		2900
87683	Hexachlorobutadiene	U		2900
87616	1,2,3-Trichlorobenzene	U		2900
95476	o-Xylene	7900	✓	2900
75150	Carbon disulfide	U		2900
110758	2-Chloroethylvinylether	U		2900
67641	Acetone	U	✓	2900
108054	Vinyl acetate	U		2900
789335	2-Butanone	U		2900
108101	4-Methyl-2-pentanone	U		2900
591786	2-Hexanone	U		2900

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	111 %	70-121	OK
Toluene-d8	98 %	81-117	Ok
Bromofluorobenzene	114 %	74-121	OK

Percent solid of 85.4 is used for all target compounds.

J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected,
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Indicates result exceeds highest calibration standard

ACCREDITED LABORATORIES, INC.
VOLATILE ORGANIC ANALYSIS DATA

CASE NUMBER	8255	MATRIX	Soil
SAMPLE NUMBER	0214301DL	DILUTION FACTOR	5000
DATA FILE	>A0033	DATE EXTRACTED	
CLIENT NAME	GE	DATE ANALYZED	11/18/02
FIELD ID	1-5	ANALYZED BY	DANIEL

CAS #	COMPOUND	UG/KG		MDL
107028	Acrolein	U		150000
107131	Acrylonitrile	U		47000
75718	Dichlorodifluoromethane	U		29000
74873	Chloromethane	U		29000
75014	Vinyl Chloride	U		29000
74839	Bromomethane	U		35000
75003	Chloroethene	U		29000
75694	Trichlorofluoromethane	U		29000
75354	1,1-Dichloroethene	U		29000
75092	Methylene Chloride	9100	JBD	29000
156605	trans-1,2-Dichloroethene	U		29000
75343	1,1-Dichloroethane	U		29000
590207	2,2-Dichloropropane	U		29000
156592	cis-1,2-dichloroethene	U		29000
67663	Chloroform	U		29000
74975	Bromochloromethane	U		29000
71556	1,1,1-Trichloroethane	U		29000
563586	1,1-Dichloropropene	U		29000
56235	Carbon Tetrachloride	U		29000
107062	1,2-Dichloroethane	U		29000
71432	Benzene	U		29000
79016	Trichloroethene	U		29000
78875	1,2-Dichloropropane	U		29000
75274	Bromodichloromethane	U		29000
74953	Dibromomethane	U		29000
10061015	cis-1,3-dichloropropene	U		29000
108883	Toluene	U		29000
10061026	trans-1,3-Dichloropropene	U		29000
79005	1,1,2-Trichloroethane	U		29000
142289	1,3-Dichloropropane	U		29000
127184	Tetrachloroethene	U		29000
124481	Dibromochloromethane	U		29000
106934	1,2-Dibromoethane	U		29000
100414	Ethylbenzene	37000	D	29000

CAS #	COMPOUND	UG/KG		MDL
108907	Chlorobenzene	U		29000
630206	1,1,1,2-Tetrachloroethane	U		29000
10330207	m,p-Xylene	87000	—D	59000
100425	Styrene	U		29000
98828	Isopropylbenzene	8200	J D	29000
75252	Bromoform	U		29000
79345	1,1,2,2-Tetrachloroethane	U		29000
96184	1,2,3-Trichloropropane	U		29000
103651	n-Propyl benzene	19000	J D	29000
108861	Bromobenzene	U		29000
108678	1,3,5-Trimethylbenzene	61000	D	29000
95498	2-Chlorotoluene	U		29000
106434	4-Chlorotoluene	U		29000
98066	tert-Butylbenzene	U		29000
95636	1,2,4-Trimethylbenzene	120000	D	29000
135988	sec-Butylbenzene	U		29000
99876	p-Isopropyltoluene	U		29000
541731	1,3-Dichlorobenzene	U		29000
106467	1,4-Dichlorobenzene	U		29000
104518	n-Butylbenzene	U		29000
95501	1,2-Dichlorobenzene	U		29000
96128	1,2-Dibromo-3-Chloropropane	U		29000
120821	1,2,4-Trichlorobenzene	U		29000
87683	Hexachlorobutadiene	U		29000
87616	1,2,3-Trichlorobenzene	U		29000
95476	o-Xylene	10000	J D	29000
75150	Carbon disulfide	U		29000
110758	2-Chloroethylvinylether	U		29000
67641	Acetone	U	✓	29000
108054	Vinyl acetate	U		29000
789333	2-Butanone	U		29000
108101	4-Methyl-2-pentanone	U		29000
591786	2-Hexanone	U		29000

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	99 %	70-121	OK
Toluene-d8	95 %	81-117	OK
Bromofluorobenzene	100 %	74-121	OK

Percent solid of 85.4 is used for all target compounds.

J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected,
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Indicates result exceeds highest calibration standard

ACCREDITED LABORATORIES, INC.
VOLATILE ORGANIC ANALYSIS DATA

CASE NUMBER	8255	MATRIX	Soil
SAMPLE NUMBER	0214302	DILUTION FACTOR	1.0
DATA FILE	>A0031	DATE EXTRACTED	
CLIENT NAME	GE	DATE ANALYZED	11/18/02
FIELD ID	5-S	ANALYZED BY	DANIEL

CAS #	COMPOUND	UG/KG	MDL	CAS #	COMPOUND	UG/KG	MDL
107028	Acrolein	U	37	108907	Chlorobenzene	U	7
107131	Acrylonitrile	U	12	630206	1,1,1,2-Tetrachloroethane	U	7
75718	Dichlorodifluoromethane	U	7	10330207	m,p-Xylene	U	15
74873	Chloromethane	U	7	100425	Styrene	U	7
75014	Vinyl Chloride	U	7	98828	Isopropylbenzene	U	7
74839	Bromomethane	U	9	75252	Bromoform	U	7
75003	Chloroethane	U	7	79345	1,1,2,2-Tetrachloroethane	U	7
75694	Trichlorofluoromethane	U	7	96184	1,2,3-Trichloropropane	U	7
75354	1,1-Dichloroethene	U	7	103651	n-Propyl benzene	U	7
75092	Methylene Chloride	4 JB	7	108861	Bromobenzene	U	7
156605	trans-1,2-Dichloroethene	U	7	108678	1,3,5-Trimethylbenzene	U	7
75343	1,1-Dichloroethane	U	7	95498	2-Chlorotoluene	U	7
590207	2,2-Dichloropropane	U	7	106434	4-Chlorotoluene	U	7
156592	cis-1,2-dichloroethene	U	7	98066	tert-Butylbenzene	U	7
67663	Chloroform	U	7	95636	1,2,4-Trimethylbenzene	U	7
74975	Bromochloromethane	U	7	135988	sec-Butylbenzene	U	7
71556	1,1,1-Trichloroethane	U	7	99876	p-Isopropyltoluene	U	7
563586	1,1-Dichloropropene	U	7	541731	1,3-Dichlorobenzene	U	7
56235	Carbon Tetrachloride	U	7	106467	1,4-Dichlorobenzene	U	7
107062	1,2-Dichloroethane	U	7	104518	n-Butylbenzene	U	7
71432	Benzene	U	7	95501	1,2-Dichlorobenzene	U	7
79016	Trichloroethene	U	7	96128	1,2-Dibromo-3-Chloropropane	U	7
78875	1,2-Dichloropropane	U	7	120821	1,2,4-Trichlorobenzene	U	7
75274	Bromodichloromethane	U	7	87683	Hexachlorobutadiene	U	7
74953	Dibromomethane	U	7	87616	1,2,3-Trichlorobenzene	U	7
10061015	cis-1,3-dichloropropene	U	7	95476	o-Xylene	U	7
108883	Toluene	U	7	75150	Carbon disulfide	U	7
10061026	trans-1,3-Dichloropropene	U	7	110758	2-Chloroethylvinylether	U	7
79005	1,1,2-Trichloroethane	U	7	67641	Acetone	U	7
142289	1,3-Dichloropropane	U	7	108054	Vinyl acetate	U	7
127184	Tetrachloroethene	U	7	789333	2-Butanone	U	7
124481	Dibromochloromethane	U	7	108101	4-Methyl-2-pentanone	U	7
106934	1,2-Dibromoethane	U	7	591786	2-Hexanone	U	7
100414	Ethylbenzene	U	7				

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	96 %	70-121	OK
Toluene-d8	94 %	81-117	OK
Bromofluorobenzene	85 %	74-121	OK

Percent solid of 67.9 is used for all target compounds.

J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected,
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Indicates result exceeds highest calibration standard

ACCREDITED LABORATORIES, INC.
VOLATILE ORGANIC ANALYSIS DATA

CASE NUMBER	8255	MATRIX	Soil
SAMPLE NUMBER	0214303	DILUTION FACTOR	1.0
DATA FILE	>A0011	DATE EXTRACTED	
CLIENT NAME	GE	DATE ANALYZED	11/16/02
FIELD ID	8-5	ANALYZED BY	DANIEL

CAS #	COMPOUND	UG/KG	MDL	CAS #	COMPOUND	UG/KG	MDL
107028	Acrolein	U	35	108907	Chlorobenzene	U	7
107131	Acrylonitrile	U	11	630206	1,1,1,2-Tetrachloroethane	U	7
75718	Dichlorodifluoromethane	U	7	10330207	m,p-Xylene	U	14
74873	Chloromethane	U	7	100425	Styrene	U	7
75014	Vinyl Chloride	U	7	98828	Isopropylbenzene	U	7
74839	Bromomethane	U	8	75252	Bromoform	U	7
75003	Chloroethane	U	7	79345	1,1,2,2-Tetrachloroethane	U	7
75694	Trichlorofluoromethane	U	7	96184	1,2,3-Trichloropropane	U	7
75354	1,1-Dichloroethene	U	7	103651	n-Propyl benzene	U	7
75092	Methylene Chloride	U	7	108861	Bromobenzene	U	7
156605	trans-1,2-Dichloroethene	U	7	108678	1,3,5-Trimethylbenzene	U	7
75343	1,1-Dichloroethane	U	7	95498	2-Chlorotoluene	U	7
590207	2,2-Dichloropropane	U	7	106434	4-Chlorotoluene	U	7
156592	cis-1,2-dichloroethene	U	7	98066	tert-Butylbenzene	U	7
67663	Chloroform	U	7	95636	1,2,4-Trimethylbenzene	U	7
74975	Bromochloromethane	U	7	135988	sec-Butylbenzene	U	7
71556	1,1,1-Trichloroethane	U	7	99876	p-Isopropyltoluene	U	7
563586	1,1-Dichloropropene	U	7	541731	1,3-Dichlorobenzene	U	7
56235	Carbon Tetrachloride	U	7	106467	1,4-Dichlorobenzene	U	7
107062	1,2-Dichloroethane	U	7	104518	n-Butylbenzene	U	7
71432	Benzene	U	7	95501	1,2-Dichlorobenzene	U	7
79016	Trichloroethene	U	7	96128	1,2-Dibromo-3-Chloropropane	U	7
78875	1,2-Dichloropropane	U	7	120821	1,2,4-Trichlorobenzene	U	7
75274	Bromodichloromethane	U	7	87683	Hexachlorobutadiene	U	7
74953	Dibromomethane	U	7	87616	1,2,3-Trichlorobenzene	U	7
10061015	cis-1,3-dichloropropene	U	7	95476	o-Xylene	U	7
108883	Toluene	U	7	75150	Carbon disulfide	U	7
10061026	trans-1,3-Dichloropropene	U	7	110758	2-Chloroethylvinylether	U	7
79005	1,1,2-Trichloroethane	U	7	67641	Acetone	71	7
142289	1,3-Dichloropropane	U	7	108054	Vinyl acetate	U	7
127184	Tetrachloroethene	U	7	789333	2-Butanone	U	7
124481	Dibromochloromethane	U	7	108101	4-Methyl-2-pentanone	U	7
106934	1,2-Dibromoethane	U	7	591786	2-Hexanone	U	7
100414	Ethylbenzene	U	7				

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	106 %	70-121	OK
Toluene-d8	98 %	81-117	OK
Bromofluorobenzene	96 %	74-121	OK

Percent solid of 72.4 is used for all target compounds.

J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected,
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Indicates result exceeds highest calibration standard

ACCREDITED LABORATORIES, INC.
VOLATILE ORGANIC ANALYSIS DATA

CASE NUMBER	8255	MATRIX	Soil
SAMPLE NUMBER	0214304	DILUTION FACTOR	1.0
DATA FILE	>A0032	DATE EXTRACTED	
CLIENT NAME	GE	DATE ANALYZED	11/18/02
FIELD ID	3-S	ANALYZED BY	DANIEL

CAS #	COMPOUND	UG/KG	MDL
107028	Acrolein	U	46
107131	Acrylonitrile	U	15
75718	Dichlorodifluoromethane	U	9
74873	Chloromethane	U	9
75014	Vinyl Chloride	U	9
74839	Bromomethane	U	11
75003	Chloroethane	U	9
75694	Trichlorofluoromethane	U	9
75354	1,1-Dichloroethene	U	9
75092	Methylene Chloride	U	9
156605	trans-1,2-Dichloroethene	U	9
75343	1,1-Dichloroethane	U	9
590207	2,2-Dichloropropane	U	9
156592	cis-1,2-dichloroethene	U	9
67663	Chloroform	U	9
74975	Bromochloromethane	U	9
71556	1,1,1-Trichloroethane	U	9
563586	1,1-Dichloropropene	U	9
56235	Carbon Tetrachloride	U	9
107062	1,2-Dichloroethane	U	9
71432	Benzene	U	9
79016	Trichloroethene	U	9
78875	1,2-Dichloropropane	U	9
75274	Bromodichloromethane	U	9
74953	Dibromomethane	U	9
10061015	cis-1,3-dichloropropene	U	9
108883	Toluene	U	9
10061026	trans-1,3-Dichloropropene	U	9
79005	1,1,2-Trichloroethane	U	9
142289	1,3-Dichloropropane	U	9
127184	Tetrachloroethene	U	9
124481	Dibromochloromethane	U	9
106934	1,2-Dibromoethane	U	9
100414	Ethylbenzene	U	9

CAS #	COMPOUND	UG/KG	MDL
108907	Chlorobenzene	U	9
630206	1,1,1,2-Tetrachloroethane	U	9
10330207	m,p-Xylene	U	18
100425	Styrene	U	9
98828	Isopropylbenzene	U	9
75252	Bromoform	U	9
79345	1,1,2,2-Tetrachloroethane	U	9
96184	1,2,3-Trichloropropane	U	9
103651	n-Propyl benzene	U	9
108861	Bromobenzene	U	9
108678	1,3,5-Trimethylbenzene	U	9
95498	2-Chlorotoluene	U	9
106434	4-Chlorotoluene	U	9
98066	tert-Butylbenzene	U	9
95636	1,2,4-Trimethylbenzene	U	9
135988	sec-Butylbenzene	U	9
99876	p-Isopropyltoluene	U	9
541731	1,3-Dichlorobenzene	U	9
106467	1,4-Dichlorobenzene	U	9
104518	n-Butylbenzene	U	9
95501	1,2-Dichlorobenzene	U	9
96128	1,2-Dibromo-3-Chloropropane	U	9
120821	1,2,4-Trichlorobenzene	U	9
87683	Hexachlorobutadiene	U	9
87616	1,2,3-Trichlorobenzene	U	9
95476	o-Xylene	U	9
75150	Carbon disulfide	U	9
110758	2-Chloroethylvinylether	U	9
67641	Acetone	U	9
108054	Vinyl acetate	U	9
789333	2-Butanone	U	9
108101	4-Methyl-2-pentanone	U	9
591786	2-Hexanone	U	9

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	98 %	70-121	OK
Toluene-d8	96 %	81-117	OK
Bromofluorobenzene	91 %	74-121	OK

Percent solid of 54.7 is used for all target compounds.

J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected,
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Indicates result exceeds highest calibration standard

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

7-A

Lab Name: ACCREDITED LABS INC. Contract: _____

Lab Code: _____ Case No.: 8255 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 0214295

Sample wt/vol: 900 (g/ml) ML Lab File ID: E1817.D

Level: (low/med) LOW Date Received: _____

% Moisture: _____ decanted:(Y/N) N Date Extracted: 11/8/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
000062-75-9	N-Nitrosodimethylamine	11	U
108-95-2	Phenol	11	U
111-44-4	bis(2-Chloroethyl)ether	11	U
95-57-8	2-Chlorophenol	11	U
541-73-1	1,3-Dichlorobenzene	11	U
106-46-7	1,4-Dichlorobenzene	11	U
100-51-6	Benzyl alcohol	11	U
95-50-1	1,2-Dichlorobenzene	11	U
95-48-7	2-Methylphenol	11	U
108-60-1	bis(2-chloroisopropyl)ether	11	U
106-44-5	3&4-Methylphenol	11	U
621-64-7	N-Nitroso-di-n-propylamine	11	U
67-72-1	Hexachloroethane	11	U
98-95-3	Nitrobenzene	11	U
78-59-1	Isophorone	11	U
88-75-5	2-Nitrophenol	11	U
105-67-9	2,4-Dimethylphenol	11	U
000065-85-0	Benzoic Acid	56	U
111-91-1	bis(2-Chloroethoxy)methane	11	U
120-83-2	2,4-Dichlorophenol	11	U
120-82-1	1,2,4-Trichlorobenzene	11	U
91-20-3	Naphthalene	11	U
106-47-8	4-Chloroaniline	11	U
87-68-3	Hexachlorobutadiene	11	U
59-50-7	4-Chloro-3-methylphenol	11	U
91-57-6	2-Methylnaphthalene	11	U
77-47-4	Hexachlorocyclopentadiene	11	U
88-06-2	2,4,6-Trichlorophenol	11	U
95-95-4	2,4,5-Trichlorophenol	11	U
91-58-7	2-Chloronaphthalene	11	U
88-74-4	2-Nitroaniline	11	U
131-11-3	Dimethylphthalate	11	U
208-96-8	Acenaphthylene	11	U
99-09-2	3-Nitroaniline	11	U
83-32-9	Acenaphthene	11	U
51-28-5	2,4-Dinitrophenol	11	U
100-02-7	4-Nitrophenol	11	U

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1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

7-A

Lab Name: ACCREDITED LABS INC. Contract:

Lab Code: Case No.: 8255 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 0214295

Sample wt/vol: 900 (g/ml) ML Lab File ID: E1817.D

Level: (low/med) LOW Date Received:

% Moisture: decanted:(Y/N) N Date Extracted: 11/8/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
132-64-9	Dibenzofuran	11	U
606-20-2	2,6-Dinitrotoluene	11	U
121-14-2	2,4-Dinitrotoluene	11	U
84-66-2	Diethylphthalate	11	U
7005-72-3	4-Chlorophenyl-phenylether	11	U
86-73-7	Fluorene	11	U
100-01-6	4-Nitroaniline	11	U
534-52-1	4,6-Dinitro-2-methylphenol	11	U
86-30-6	n-Nitrosodiphenylamine	11	U
101-55-3	4-Bromophenyl-phenylether	11	U
118-74-1	Hexachlorobenzene	11	U
87-86-5	Pentachlorophenol	11	U
85-01-8	Phenanthrene	11	U
120-12-7	Anthracene	11	U
84-74-2	Di-n-butylphthalate	11	U
206-44-0	Fluoranthene	11	U
129-00-0	Pyrene	11	U
85-68-7	Butylbenzylphthalate	11	U
91-94-1	3,3'-Dichlorobenzidine	11	U
56-55-3	Benzo[a]anthracene	11	U
117-81-7	bis(2-Ethylhexyl)phthalate	11	U
218-01-9	Chrysene	11	U
117-84-0	Di-n-octylphthalate	11	U
205-99-2	Benzo[b]fluoranthene	11	U
207-08-9	Benzo[k]fluoranthene	11	U
50-32-8	Benzo[a]pyrene	11	U
193-39-5	Indeno[1,2,3-cd]pyrene	11	U
53-70-3	Dibenz[a,h]anthracene	11	U
191-24-2	Benzo[g,h,i]perylene	11	U

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1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

1-A

Lab Name: ACCREDITED LABS INC. Contract: _____

Lab Code: _____ Case No.: 8255 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 0214296

Sample wt/vol: 750 (g/ml) ML Lab File ID: E1821.D

Level: (low/med) LOW Date Received: _____

% Moisture: _____ decanted:(Y/N) N Date Extracted: 11/8/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
000062-75-9	N-Nitrosodimethylamine	13	U
108-95-2	Phenol	13	U
111-44-4	bis(2-Chloroethyl)ether	13	U
95-57-8	2-Chlorophenol	13	U
541-73-1	1,3-Dichlorobenzene	13	U
106-46-7	1,4-Dichlorobenzene	13	U
100-51-6	Benzyl alcohol	13	U
95-50-1	1,2-Dichlorobenzene	13	U
95-48-7	2-Methylphenol	13	U
108-60-1	bis(2-chloroisopropyl)ether	13	U
106-44-5	3&4-Methylphenol	13	U
621-64-7	N-Nitroso-di-n-propylamine	13	U
67-72-1	Hexachloroethane	13	U
98-95-3	Nitrobenzene	13	U
78-59-1	Isophorone	13	U
88-75-5	2-Nitrophenol	13	U
105-67-9	2,4-Dimethylphenol	13	U
000065-85-0	Benzoic Acid	67	U
111-91-1	bis(2-Chloroethoxy)methane	13	U
120-83-2	2,4-Dichlorophenol	13	U
120-82-1	1,2,4-Trichlorobenzene	13	U
91-20-3	Naphthalene	1600	E
106-47-8	4-Chloroaniline	13	U
87-68-3	Hexachlorobutadiene	13	U
59-50-7	4-Chloro-3-methylphenol	13	U
91-57-6	2-Methylnaphthalene	820	E
77-47-4	Hexachlorocyclopentadiene	13	U
88-06-2	2,4,6-Trichlorophenol	13	U
95-95-4	2,4,5-Trichlorophenol	13	U
91-58-7	2-Chloronaphthalene	13	U
88-74-4	2-Nitroaniline	13	U
131-11-3	Dimethylphthalate	13	U
208-96-8	Acenaphthylene	13	U
99-09-2	3-Nitroaniline	13	U
83-32-9	Acenaphthene	20	
51-28-5	2,4-Dinitrophenol	13	U
100-02-7	4-Nitrophenol	13	U

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1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

1-A

Lab Name: ACCREDITED LABS INC. Contract: _____

Lab Code: _____ Case No.: 8255 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 0214296

Sample wt/vol: 750 (g/ml) ML Lab File ID: E1821.D

Level: (low/med) LOW Date Received: _____

% Moisture: _____ decanted:(Y/N) N Date Extracted: 11/8/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
132-64-9	Dibenzofuran	12	J
606-20-2	2,6-Dinitrotoluene	13	U
121-14-2	2,4-Dinitrotoluene	13	U
84-66-2	Diethylphthalate	13	U
7005-72-3	4-Chlorophenyl-phenylether	13	U
86-73-7	Fluorene	19	
100-01-6	4-Nitroaniline	13	U
534-52-1	4,6-Dinitro-2-methylphenol	13	U
86-30-6	n-Nitrosodiphenylamine	13	U
101-55-3	4-Bromophenyl-phenylether	13	U
118-74-1	Hexachlorobenzene	13	U
87-86-5	Pentachlorophenol	13	U
85-01-8	Phenanthrene	82	
120-12-7	Anthracene	12	J
84-74-2	Di-n-butylphthalate	13	U
206-44-0	Fluoranthene	34	
129-00-0	Pyrene	60	
85-68-7	Butylbenzylphthalate	13	U
91-94-1	3,3'-Dichlorobenzidine	13	U
56-55-3	Benzo[a]anthracene	12	J
117-81-7	bis(2-Ethylhexyl)phthalate	4	J
218-01-9	Chrysene	13	J
117-84-0	Di-n-octylphthalate	13	U
205-99-2	Benzo[b]fluoranthene	9	J
207-08-9	Benzo[k]fluoranthene	10	J
50-32-8	Benzo[a]pyrene	10	J
193-39-5	Indeno[1,2,3-cd]pyrene	4	J
53-70-3	Dibenz[a,h]anthracene	2	J
191-24-2	Benzo[g,h,i]perylene	4	J

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1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

1-ADL

Lab Name: ACCREDITED LABS INC. Contract: _____

Lab Code: _____ Case No.: 8255 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 0214296DL

Sample wt/vol: 750 (g/ml) ML Lab File ID: E1841.D

Level: (low/med) LOW Date Received: _____

% Moisture: _____ decanted:(Y/N) N Date Extracted: 11/8/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/15/02

Injection Volume: 1.0 (uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
000062-75-9	N-Nitrosodimethylamine	270	U
108-95-2	Phenol	270	U
111-44-4	bis(2-Chloroethyl)ether	270	U
95-57-8	2-Chlorophenol	270	U
541-73-1	1,3-Dichlorobenzene	270	U
106-46-7	1,4-Dichlorobenzene	270	U
100-51-6	Benzyl alcohol	270	U
95-50-1	1,2-Dichlorobenzene	270	U
95-48-7	2-Methylphenol	270	U
108-60-1	bis(2-chloroisopropyl)ether	270	U
106-44-5	3&4-Methylphenol	270	U
621-64-7	N-Nitroso-di-n-propylamine	270	U
67-72-1	Hexachloroethane	270	U
98-95-3	Nitrobenzene	270	U
78-59-1	Isophorone	270	U
88-75-5	2-Nitrophenol	270	U
105-67-9	2,4-Dimethylphenol	270	U
000065-85-0	Benzoic Acid	1300	U
111-91-1	bis(2-Chloroethoxy)methane	270	U
120-83-2	2,4-Dichlorophenol	270	U
120-82-1	1,2,4-Trichlorobenzene	270	U
91-20-3	Naphthalene	1700	D
106-47-8	4-Chloroaniline	270	U
87-68-3	Hexachlorobutadiene	270	U
59-50-7	4-Chloro-3-methylphenol	270	U
91-57-6	2-Methylnaphthalene	720	D
77-47-4	Hexachlorocyclopentadiene	270	U
88-06-2	2,4,6-Trichlorophenol	270	U
95-95-4	2,4,5-Trichlorophenol	270	U
91-58-7	2-Chloronaphthalene	270	U
88-74-4	2-Nitroaniline	270	U
131-11-3	Dimethylphthalate	270	U
208-96-8	Acenaphthylene	270	U
99-09-2	3-Nitroaniline	270	U
83-32-9	Acenaphthene	270	U
51-28-5	2,4-Dinitrophenol	270	U
100-02-7	4-Nitrophenol	270	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

1-ADL

Lab Name: ACCREDITED LABS INC. Contract: _____

Lab Code: _____ Case No.: 8255 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 0214296DL

Sample wt/vol: 750 (g/ml) ML Lab File ID: E1841.D

Level: (low/med) LOW Date Received: _____

% Moisture: _____ decanted:(Y/N) N Date Extracted: 11/8/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/15/02

Injection Volume: 1.0 (uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
132-64-9	Dibenzofuran	270	U
606-20-2	2,6-Dinitrotoluene	270	U
121-14-2	2,4-Dinitrotoluene	270	U
84-66-2	Diethylphthalate	270	U
7005-72-3	4-Chlorophenyl-phenylether	270	U
86-73-7	Fluorene	270	U
100-01-6	4-Nitroaniline	270	U
534-52-1	4,6-Dinitro-2-methylphenol	270	U
86-30-6	n-Nitrosodiphenylamine	270	U
101-55-3	4-Bromophenyl-phenylether	270	U
118-74-1	Hexachlorobenzene	270	U
87-86-5	Pentachlorophenol	270	U
85-01-8	Phenanthrene	72	JD
120-12-7	Anthracene	270	U
84-74-2	Di-n-butylphthalate	270	U
206-44-0	Fluoranthene	51	JD
129-00-0	Pyrene	34	JD
85-68-7	Butylbenzylphthalate	270	U
91-94-1	3,3'-Dichlorobenzidine	270	U
56-55-3	Benzo[a]anthracene	270	U
117-81-7	bis(2-Ethylhexyl)phthalate	270	U
218-01-9	Chrysene	270	U
117-84-0	Di-n-octylphthalate	270	U
205-99-2	Benzo[b]fluoranthene	270	U
207-08-9	Benzo[k]fluoranthene	270	U
50-32-8	Benzo[a]pyrene	270	U
193-39-5	Indeno[1,2,3-cd]pyrene	270	U
53-70-3	Dibenz[a,h]anthracene	270	U
191-24-2	Benzo[g,h,i]perylene	270	U

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

5-A

Lab Name: ACCREDITED LABS INC. Contract: _____

Lab Code: _____ Case No.: 8255 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 0214297

Sample wt/vol: 940 (g/ml) ML Lab File ID: E1818.D

Level: (low/med) LOW Date Received: _____

% Moisture: _____ decanted:(Y/N) N Date Extracted: 11/8/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
000062-75-9	N-Nitrosodimethylamine	11	U
108-95-2	Phenol	11	U
111-44-4	bis(2-Chloroethyl)ether	11	U
95-57-8	2-Chlorophenol	11	U
541-73-1	1,3-Dichlorobenzene	11	U
106-46-7	1,4-Dichlorobenzene	11	U
100-51-6	Benzyl alcohol	11	U
95-50-1	1,2-Dichlorobenzene	11	U
95-48-7	2-Methylphenol	11	U
108-60-1	bis(2-chloroisopropyl)ether	11	U
106-44-5	3&4-Methylphenol	11	U
621-64-7	N-Nitroso-di-n-propylamine	11	U
67-72-1	Hexachloroethane	11	U
98-95-3	Nitrobenzene	11	U
78-59-1	Isophorone	11	U
88-75-5	2-Nitrophenol	11	U
105-67-9	2,4-Dimethylphenol	11	U
000065-85-0	Benzoic Acid	53	U
111-91-1	bis(2-Chloroethoxy)methane	11	U
120-83-2	2,4-Dichlorophenol	11	U
120-82-1	1,2,4-Trichlorobenzene	11	U
91-20-3	Naphthalene	1	J
106-47-8	4-Chloroaniline	11	U
87-68-3	Hexachlorobutadiene	11	U
59-50-7	4-Chloro-3-methylphenol	11	U
91-57-6	2-Methylnaphthalene	11	U
77-47-4	Hexachlorocyclopentadiene	11	U
88-06-2	2,4,6-Trichlorophenol	11	U
95-95-4	2,4,5-Trichlorophenol	11	U
91-58-7	2-Chloronaphthalene	11	U
88-74-4	2-Nitroaniline	11	U
131-11-3	Dimethylphthalate	11	U
208-96-8	Acenaphthylene	11	U
99-09-2	3-Nitroaniline	11	U
83-32-9	Acenaphthene	11	U
51-28-5	2,4-Dinitrophenol	11	U
100-02-7	4-Nitrophenol	11	U

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1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

5-A

Lab Name: ACCREDITED LABS INC. Contract:

Lab Code: Case No.: 8255 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 0214297

Sample wt/vol: 940 (g/ml) ML Lab File ID: E1818.D

Level: (low/med) LOW Date Received:

% Moisture: decanted:(Y/N) N Date Extracted: 11/8/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
132-64-9	Dibenzofuran	11	U
606-20-2	2,6-Dinitrotoluene	11	U
121-14-2	2,4-Dinitrotoluene	11	U
84-66-2	Diethylphthalate	11	U
7005-72-3	4-Chlorophenyl-phenylether	11	U
86-73-7	Fluorene	11	U
100-01-6	4-Nitroaniline	11	U
534-52-1	4,6-Dinitro-2-methylphenol	11	U
86-30-6	n-Nitrosodiphenylamine	11	U
101-55-3	4-Bromophenyl-phenylether	11	U
118-74-1	Hexachlorobenzene	11	U
87-86-5	Pentachlorophenol	11	U
85-01-8	Phenanthrene	11	U
120-12-7	Anthracene	11	U
84-74-2	Di-n-butylphthalate	11	U
206-44-0	Fluoranthene	11	U
129-00-0	Pyrene	11	U
85-68-7	Butylbenzylphthalate	11	U
91-94-1	3,3'-Dichlorobenzidine	11	U
56-55-3	Benzo[a]anthracene	11	U
117-81-7	bis(2-Ethylhexyl)phthalate	11	U
218-01-9	Chrysene	11	U
117-84-0	Di-n-octylphthalate	11	U
205-99-2	Benzo[b]fluoranthene	11	U
207-08-9	Benzo[k]fluoranthene	11	U
50-32-8	Benzo[a]pyrene	11	U
193-39-5	Indeno[1,2,3-cd]pyrene	11	U
53-70-3	Dibenz[a,h]anthracene	11	U
191-24-2	Benzo[g,h,i]perylene	11	U

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1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

8-A

Lab Name: ACCREDITED LABS INC. Contract:

Lab Code: Case No.: 8255 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 0214298

Sample wt/vol: 500 (g/ml) ML Lab File ID: E1820.D

Level: (low/med) LOW Date Received:

% Moisture: decanted:(Y/N) N Date Extracted: 11/8/02

Concentrated Extract Volume: 500 (uL) Date Analyzed: 11/14/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
000062-75-9	N-Nitrosodimethylamine	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	bis(2-chloroisopropyl)ether	10	U
106-44-5	3&4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
000065-85-0	Benzoic Acid	5	J
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	2	J
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	10	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	10	U
100-02-7	4-Nitrophenol	10	U

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1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

8-A

Lab Name: ACCREDITED LABS INC. Contract:

Lab Code: Case No.: 8255 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 0214298

Sample wt/vol: 500 (g/ml) ML Lab File ID: E1820.D

Level: (low/med) LOW Date Received:

% Moisture: decanted:(Y/N) N Date Extracted: 11/8/02

Concentrated Extract Volume: 500 (uL) Date Analyzed: 11/14/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
132-64-9	Dibenzofuran	10	U
606-20-2	2,6-Dinitrotoluene	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	n-Nitrosodiphenylamine	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	1	J
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo[a]anthracene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
218-01-9	Chrysene	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[a,h]anthracene	10	U
191-24-2	Benzo[g,h,i]perylene	10	U

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1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

3-A

Lab Name: ACCREDITED LABS INC. Contract:

Lab Code: Case No.: 8255 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 0214299

Sample wt/vol: 810 (g/ml) ML Lab File ID: E1819.D

Level: (low/med) LOW Date Received:

% Moisture: decanted:(Y/N) N Date Extracted: 11/8/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
000062-75-9	N-Nitrosodimethylamine	12	U
108-95-2	Phenol	4	J
111-44-4	bis(2-Chloroethyl)ether	12	U
95-57-8	2-Chlorophenol	12	U
541-73-1	1,3-Dichlorobenzene	12	U
106-46-7	1,4-Dichlorobenzene	12	U
100-51-6	Benzyl alcohol	12	U
95-50-1	1,2-Dichlorobenzene	12	U
95-48-7	2-Methylphenol	12	U
108-60-1	bis(2-chloroisopropyl)ether	12	U
106-44-5	3&4-Methylphenol	2	J
621-64-7	N-Nitroso-di-n-propylamine	12	U
67-72-1	Hexachloroethane	12	U
98-95-3	Nitrobenzene	12	U
78-59-1	Isophorone	12	U
88-75-5	2-Nitrophenol	12	U
105-67-9	2,4-Dimethylphenol	12	U
000065-85-0	Benzoic Acid	62	U
111-91-1	bis(2-Chloroethoxy)methane	12	U
120-83-2	2,4-Dichlorophenol	12	U
120-82-1	1,2,4-Trichlorobenzene	12	U
91-20-3	Naphthalene	1	J
106-47-8	4-Chloroaniline	12	U
87-68-3	Hexachlorobutadiene	12	U
59-50-7	4-Chloro-3-methylphenol	12	U
91-57-6	2-Methylnaphthalene	12	U
77-47-4	Hexachlorocyclopentadiene	12	U
88-06-2	2,4,6-Trichlorophenol	12	U
95-95-4	2,4,5-Trichlorophenol	12	U
91-58-7	2-Chloronaphthalene	12	U
88-74-4	2-Nitroaniline	12	U
131-11-3	Dimethylphthalate	12	U
208-96-8	Acenaphthylene	12	U
99-09-2	3-Nitroaniline	12	U
83-32-9	Acenaphthene	12	U
51-28-5	2,4-Dinitrophenol	12	U
100-02-7	4-Nitrophenol	12	U

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1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

3-A

Lab Name: ACCREDITED LABS INC. Contract:

Lab Code: Case No.: 8255 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 0214299

Sample wt/vol: 810 (g/ml) ML Lab File ID: E1819.D

Level: (low/med) LOW Date Received:

% Moisture: decanted:(Y/N) N Date Extracted: 11/8/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
132-64-9	Dibenzofuran	12	U
606-20-2	2,6-Dinitrotoluene	12	U
121-14-2	2,4-Dinitrotoluene	12	U
84-66-2	Diethylphthalate	12	U
7005-72-3	4-Chlorophenyl-phenylether	12	U
86-73-7	Fluorene	12	U
100-01-6	4-Nitroaniline	12	U
534-52-1	4,6-Dinitro-2-methylphenol	12	U
86-30-6	n-Nitrosodiphenylamine	12	U
101-55-3	4-Bromophenyl-phenylether	12	U
118-74-1	Hexachlorobenzene	12	U
87-86-5	Pentachlorophenol	12	U
85-01-8	Phenanthrene	12	U
120-12-7	Anthracene	12	U
84-74-2	Di-n-butylphthalate	12	U
206-44-0	Fluoranthene	12	U
129-00-0	Pyrene	12	U
85-68-7	Butylbenzylphthalate	12	U
91-94-1	3,3'-Dichlorobenzidine	12	U
56-55-3	Benzo[a]anthracene	12	U
117-81-7	bis(2-Ethylhexyl)phthalate	12	U
218-01-9	Chrysene	12	U
117-84-0	Di-n-octylphthalate	12	U
205-99-2	Benzo[b]fluoranthene	12	U
207-08-9	Benzo[k]fluoranthene	12	U
50-32-8	Benzo[a]pyrene	12	U
193-39-5	Indeno[1,2,3-cd]pyrene	12	U
53-70-3	Dibenz[a,h]anthracene	12	U
191-24-2	Benzo[g,h,i]perylene	12	U

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

7-S

Lab Name: ACCREDITED LABS INC. Contract:

Lab Code: Case No.: 8255 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0214300

Sample wt/vol: 30 (g/ml) G Lab File ID: E1822.D

Level: (low/med) LOW Date Received:

% Moisture: 18.5 decanted:(Y/N) N Date Extracted: 11/8/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
000062-75-9	N-Nitrosodimethylamine	410	U
108-95-2	Phenol	410	U
111-44-4	bis(2-Chloroethyl)ether	410	U
95-57-8	2-Chlorophenol	410	U
541-73-1	1,3-Dichlorobenzene	410	U
106-46-7	1,4-Dichlorobenzene	410	U
100-51-6	Benzyl alcohol	410	U
95-50-1	1,2-Dichlorobenzene	410	U
95-48-7	2-Methylphenol	410	U
108-60-1	bis(2-chloroisopropyl)ether	410	U
106-44-5	3&4-Methylphenol	410	U
621-64-7	N-Nitroso-di-n-propylamine	410	U
67-72-1	Hexachloroethane	410	U
98-95-3	Nitrobenzene	410	U
78-59-1	Isophorone	410	U
88-75-5	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U
000065-85-0	Benzoic Acid	2100	U
111-91-1	bis(2-Chloroethoxy)methane	410	U
120-83-2	2,4-Dichlorophenol	410	U
120-82-1	1,2,4-Trichlorobenzene	410	U
91-20-3	Naphthalene	410	U
106-47-8	4-Chloroaniline	410	U
87-68-3	Hexachlorobutadiene	410	U
59-50-7	4-Chloro-3-methylphenol	410	U
91-57-6	2-Methylnaphthalene	410	U
77-47-4	Hexachlorocyclopentadiene	410	U
88-06-2	2,4,6-Trichlorophenol	410	U
95-95-4	2,4,5-Trichlorophenol	410	U
91-58-7	2-Chloronaphthalene	410	U
88-74-4	2-Nitroaniline	410	U
131-11-3	Dimethylphthalate	410	U
208-96-8	Acenaphthylene	410	U
99-09-2	3-Nitroaniline	410	U
83-32-9	Acenaphthene	410	U
51-28-5	2,4-Dinitrophenol	410	U
100-02-7	4-Nitrophenol	410	U

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1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

7-S

Lab Name: ACCREDITED LABS INC. Contract:

Lab Code: Case No.: 8255 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0214300

Sample wt/vol: 30 (g/ml) G Lab File ID: E1822.D

Level: (low/med) LOW Date Received:

% Moisture: 18.5 decanted:(Y/N) N Date Extracted: 11/8/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
132-64-9	Dibenzofuran	410	U
606-20-2	2,6-Dinitrotoluene	410	U
121-14-2	2,4-Dinitrotoluene	410	U
84-66-2	Diethylphthalate	410	U
7005-72-3	4-Chlorophenyl-phenylether	410	U
86-73-7	Fluorene	410	U
100-01-6	4-Nitroaniline	410	U
534-52-1	4,6-Dinitro-2-methylphenol	410	U
86-30-6	n-Nitrosodiphenylamine	410	U
101-55-3	4-Bromophenyl-phenylether	410	U
118-74-1	Hexachlorobenzene	410	U
87-86-5	Pentachlorophenol	410	U
85-01-8	Phenanthrene	100	J
120-12-7	Anthracene	410	U
84-74-2	Di-n-butylphthalate	410	U
206-44-0	Fluoranthene	110	J
129-00-0	Pyrene	190	J
85-68-7	Butylbenzylphthalate	67	J
91-94-1	3,3'-Dichlorobenzidine	410	U
56-55-3	Benzo[a]anthracene	60	J
117-81-7	bis(2-Ethylhexyl)phthalate	410	U
218-01-9	Chrysene	58	J
117-84-0	Di-n-octylphthalate	410	U
205-99-2	Benzo[b]fluoranthene	58	J
207-08-9	Benzo[k]fluoranthene	60	J
50-32-8	Benzo[a]pyrene	57	J
193-39-5	Indeno[1,2,3-cd]pyrene	410	U
53-70-3	Dibenz[a,h]anthracene	410	U
191-24-2	Benzo[g,h,i]perylene	410	U

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

1-S

Lab Name: ACCREDITED LABS INC. Contract: _____

Lab Code: _____ Case No.: 8255 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 0214301

Sample wt/vol: 30 (g/ml) G Lab File ID: E1823.D

Level: (low/med) LOW Date Received: _____

% Moisture: 14.6 decanted:(Y/N) N Date Extracted: 11/8/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
000062-75-9	N-Nitrosodimethylamine	390	U
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)ether	390	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
100-51-6	Benzyl alcohol	390	U
95-50-1	1,2-Dichlorobenzene	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	bis(2-chloroisopropyl)ether	390	U
106-44-5	3&4-Methylphenol	390	U
621-64-7	N-Nitroso-di-n-propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
000065-85-0	Benzoic Acid	2000	U
111-91-1	bis(2-Chloroethoxy)methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	12000 ✓	E
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-57-6	2-Methylnaphthalene	6500 ✓	E
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	390	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	390	U
131-11-3	Dimethylphthalate	390	U
208-96-8	Acenaphthylene	390	U
99-09-2	3-Nitroaniline	390	U
83-32-9	Acenaphthene	270	J
51-28-5	2,4-Dinitrophenol	390	U
100-02-7	4-Nitrophenol	390	U

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1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

1-S

Lab Name: ACCREDITED LABS INC. Contract:

Lab Code: Case No.: 8255 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0214301

Sample wt/vol: 30 (g/ml) G Lab File ID: E1823.D

Level: (low/med) LOW Date Received:

% Moisture: 14.6 decanted:(Y/N) N Date Extracted: 11/8/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
132-64-9	Dibenzofuran	140	J
606-20-2	2,6-Dinitrotoluene	390	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	310	J
100-01-6	4-Nitroaniline	390	U
534-52-1	4,6-Dinitro-2-methylphenol	390	U
86-30-6	n-Nitrosodiphenylamine	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	390	U
85-01-8	Phenanthrene	950	
120-12-7	Anthracene	160	J
84-74-2	Di-n-butylphthalate	390	U
206-44-0	Fluoranthene	590	
129-00-0	Pyrene	1000	
85-68-7	Butylbenzylphthalate	61	J
91-94-1	3,3'-Dichlorobenzidine	390	U
56-55-3	Benzo[a]anthracene	220	J
117-81-7	bis(2-Ethylhexyl)phthalate	80	J
218-01-9	Chrysene	250	J
117-84-0	Di-n-octylphthalate	390	U
205-99-2	Benzo[b]fluoranthene	180	J
207-08-9	Benzo[k]fluoranthene	250	J
50-32-8	Benzo[a]pyrene	210	J
193-39-5	Indeno[1,2,3-cd]pyrene	62	J
53-70-3	Dibenz[a,h]anthracene	390	U
191-24-2	Benzo[g,h,i]perylene	67	J

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1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

1-SDL

Lab Name: ACCREDITED LABS INC. Contract:

Lab Code: Case No.: 8255 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0214301DL

Sample wt/vol: 30 (g/ml) G Lab File ID: E1843.D

Level: (low/med) LOW Date Received:

% Moisture: 14.6 decanted:(Y/N) N Date Extracted: 11/8/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/15/02

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
000062-75-9	N-Nitrosodimethylamine	2000	U
108-95-2	Phenol	2000	U
111-44-4	bis(2-Chloroethyl)ether	2000	U
95-57-8	2-Chlorophenol	2000	U
541-73-1	1,3-Dichlorobenzene	2000	U
106-46-7	1,4-Dichlorobenzene	2000	U
100-51-6	Benzyl alcohol	2000	U
95-50-1	1,2-Dichlorobenzene	2000	U
95-48-7	2-Methylphenol	2000	U
108-60-1	bis(2-chloroisopropyl)ether	2000	U
106-44-5	3&4-Methylphenol	2000	U
621-64-7	N-Nitroso-di-n-propylamine	2000	U
67-72-1	Hexachloroethane	2000	U
98-95-3	Nitrobenzene	2000	U
78-59-1	Isophorone	2000	U
88-75-5	2-Nitrophenol	2000	U
105-67-9	2,4-Dimethylphenol	2000	U
000065-85-0	Benzoic Acid	9800	U
111-91-1	bis(2-Chloroethoxy)methane	2000	U
120-83-2	2,4-Dichlorophenol	2000	U
120-82-1	1,2,4-Trichlorobenzene	2000	U
91-20-3	Naphthalene ✓	12000 ✓	D
106-47-8	4-Chloroaniline	2000	U
87-68-3	Hexachlorobutadiene	2000	U
59-50-7	4-Chloro-3-methylphenol	2000	U
91-57-6	2-Methylnaphthalene	6700	D
77-47-4	Hexachlorocyclopentadiene	2000	U
88-06-2	2,4,6-Trichlorophenol	2000	U
95-95-4	2,4,5-Trichlorophenol	2000	U
91-58-7	2-Chloronaphthalene	2000	U
88-74-4	2-Nitroaniline	2000	U
131-11-3	Dimethylphthalate	2000	U
208-96-8	Acenaphthylene	2000	U
99-09-2	3-Nitroaniline	2000	U
83-32-9	Acenaphthene	260 ✓	JD
51-28-5	2,4-Dinitrophenol	2000	U
100-02-7	4-Nitrophenol	2000	U

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1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

1-SDL

Lab Name: ACCREDITED LABS INC. Contract: _____

Lab Code: _____ Case No.: 8255 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 0214301DL

Sample wt/vol: 30 (g/ml) G Lab File ID: E1843.D

Level: (low/med) LOW Date Received: _____

% Moisture: 14.6 decanted:(Y/N) N Date Extracted: 11/8/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/15/02

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
132-64-9	Dibenzofuran	2000	U
606-20-2	2,6-Dinitrotoluene	2000	U
121-14-2	2,4-Dinitrotoluene	2000	U
84-66-2	Diethylphthalate	2000	U
7005-72-3	4-Chlorophenyl-phenylether	2000	U
86-73-7	Fluorene	260	JD
100-01-6	4-Nitroaniline	2000	U
534-52-1	4,6-Dinitro-2-methylphenol	2000	U
86-30-6	n-Nitrosodiphenylamine	2000	U
101-55-3	4-Bromophenyl-phenylether	2000	U
118-74-1	Hexachlorobenzene	2000	U
87-86-5	Pentachlorophenol	2000	U
85-01-8	Phenanthrene	820	JD
120-12-7	Anthracene	2000	U
84-74-2	Di-n-butylphthalate	2000	U
206-44-0	Fluoranthene	630	JD
129-00-0	Pyrene	580	JD
85-68-7	Butylbenzylphthalate	2000	U
91-94-1	3,3'-Dichlorobenzidine	2000	U
56-55-3	Benzo[a]anthracene	220	JD
117-81-7	bis(2-Ethylhexyl)phthalate	2000	U
218-01-9	Chrysene	220	JD
117-84-0	Di-n-octylphthalate	2000	U
205-99-2	Benzo[b]fluoranthene	2000	U
207-08-9	Benzo[k]fluoranthene	2000	U
50-32-8	Benzo[a]pyrene	2000	U
193-39-5	Indeno[1,2,3-cd]pyrene	2000	U
53-70-3	Dibenz[a,h]anthracene	2000	U
191-24-2	Benzo[g,h,i]perylene	2000	U

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1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

5-S

Lab Name: ACCREDITED LABS INC. Contract: _____

Lab Code: _____ Case No.: 8255 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 0214302

Sample wt/vol: 30 (g/ml) G Lab File ID: E1824.D

Level: (low/med) LOW Date Received: _____

% Moisture: 32.1 decanted:(Y/N) N Date Extracted: 11/8/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
000062-75-9	N-Nitrosodimethylamine	490	U
108-95-2	Phenol	490	U
111-44-4	bis(2-Chloroethyl)ether	490	U
95-57-8	2-Chlorophenol	490	U
541-73-1	1,3-Dichlorobenzene	490	U
106-46-7	1,4-Dichlorobenzene	490	U
100-51-6	Benzyl alcohol	490	U
95-50-1	1,2-Dichlorobenzene	490	U
95-48-7	2-Methylphenol	490	U
108-60-1	bis(2-chloroisopropyl)ether	490	U
106-44-5	3&4-Methylphenol	490	U
621-64-7	N-Nitroso-di-n-propylamine	490	U
67-72-1	Hexachloroethane	490	U
98-95-3	Nitrobenzene	490	U
78-59-1	Isophorone	490	U
88-75-5	2-Nitrophenol	490	U
105-67-9	2,4-Dimethylphenol	490	U
000065 85 0	Benzoic Acid	2500	U
111-91-1	bis(2-Chloroethoxy)methane	490	U
120-83-2	2,4-Dichlorophenol	490	U
120-82-1	1,2,4-Trichlorobenzene	490	U
91-20-3	Naphthalene	110	J
106-47-8	4-Chloroaniline	490	U
87-68-3	Hexachlorobutadiene	490	U
59-50-7	4-Chloro-3-methylphenol	490	U
91-57-6	2-Methylnaphthalene	83	J
77-47-4	Hexachlorocyclopentadiene	490	U
88-06-2	2,4,6-Trichlorophenol	490	U
95-95-4	2,4,5-Trichlorophenol	490	U
91-58-7	2-Chloronaphthalene	490	U
88-74-4	2-Nitroaniline	490	U
131-11-3	Dimethylphthalate	490	U
208-96-8	Acenaphthylene	300	J
99-09-2	3-Nitroaniline	490	U
83-32-9	Acenaphthene	250	J
51-28-5	2,4-Dinitrophenol	490	U
100-02-7	4-Nitrophenol	490	U

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1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

5-S

Lab Name: ACCREDITED LABS INC. Contract: _____

Lab Code: _____ Case No.: 8255 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 0214302

Sample wt/vol: 30 (g/ml) G Lab File ID: E1824.D

Level: (low/med) LOW Date Received: _____

% Moisture: 32.1 decanted:(Y/N) N Date Extracted: 11/8/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
132-64-9	Dibenzofuran	540	
606-20-2	2,6-Dinitrotoluene	490	U
121-14-2	2,4-Dinitrotoluene	490	U
84-66-2	Diethylphthalate	490	U
7005-72-3	4-Chlorophenyl-phenylether	490	U
86-73-7	Fluorene	820	
100-01-6	4-Nitroaniline	490	U
534-52-1	4,6-Dinitro-2-methylphenol	490	U
86-30-6	n-Nitrosodiphenylamine	490	U
101-55-3	4-Bromophenyl-phenylether	490	U
118-74-1	Hexachlorobenzene	490	U
87-86-5	Pentachlorophenol	490	U
85-01-8	Phenanthrene	5200	
120-12-7	Anthracene	1800	
84-74-2	Di-n-butylphthalate	490	U
206-44-0	Fluoranthene	4000	
129-00-0	Pyrene	7800	
85-68-7	Butylbenzylphthalate	490	U
91-94-1	3,3'-Dichlorobenzidine	490	U
56-55-3	Benzo[a]anthracene	1800	
117-81-7	bis(2-Ethylhexyl)phthalate	68	J
218-01-9	Chrysene	1700	
117-84-0	Di-n-octylphthalate	490	U
205-99-2	Benzo[b]fluoranthene	1500	
207-08-9	Benzo[k]fluoranthene	1300	
50-32-8	Benzo[a]pyrene	1600	
193-39-5	Indeno[1,2,3-cd]pyrene	450	J
53-70-3	Dibenz[a,h]anthracene	200	J
191-24-2	Benzo[g,h,i]perylene	390	J

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1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

8-S

Lab Name: ACCREDITED LABS INC. Contract: _____

Lab Code: _____ Case No.: 8255 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 0214303

Sample wt/vol: 30 (g/ml) G Lab File ID: E1825.D

Level: (low/med) LOW Date Received: _____

% Moisture: 27.6 decanted:(Y/N) N Date Extracted: 11/8/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
000062-75-9	N-Nitrosodimethylamine	460	U
108-95-2	Phenol	460	U
111-44-4	bis(2-Chloroethyl)ether	460	U
95-57-8	2-Chlorophenol	460	U
541-73-1	1,3-Dichlorobenzene	460	U
106-46-7	1,4-Dichlorobenzene	460	U
100-51-6	Benzyl alcohol	460	U
95-50-1	1,2-Dichlorobenzene	460	U
95-48-7	2-Methylphenol	460	U
108-60-1	bis(2-chloroisopropyl)ether	460	U
106-44-5	3&4-Methylphenol	160	J
621-64-7	N-Nitroso-di-n-propylamine	460	U
67-72-1	Hexachloroethane	460	U
98-95-3	Nitrobenzene	460	U
78-59-1	Isophorone	460	U
88-75-5	2-Nitrophenol	460	U
105-67-9	2,4-Dimethylphenol	460	U
000065-85-0	Benzoic Acid	2300	U
111-91-1	bis(2-Chloroethoxy)methane	460	U
120-83-2	2,4-Dichlorophenol	460	U
120-82-1	1,2,4-Trichlorobenzene	460	U
91-20-3	Naphthalene	460	U
106-47-8	4-Chloroaniline	460	U
87-68-3	Hexachlorobutadiene	460	U
59-50-7	4-Chloro-3-methylphenol	460	U
91-57-6	2-Methylnaphthalene	460	U
77-47-4	Hexachlorocyclopentadiene	460	U
88-06-2	2,4,6-Trichlorophenol	460	U
95-95-4	2,4,5-Trichlorophenol	460	U
91-58-7	2-Chloronaphthalene	460	U
88-74-4	2-Nitroaniline	460	U
131-11-3	Dimethylphthalate	460	U
208-96-8	Acenaphthylene	460	U
99-09-2	3-Nitroaniline	460	U
83-32-9	Acenaphthene	460	U
51-28-5	2,4-Dinitrophenol	460	U
100-02-7	4-Nitrophenol	460	U

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1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

8-S

Lab Name: ACCREDITED LABS INC. Contract:

Lab Code: Case No.: 8255 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0214303

Sample wt/vol: 30 (g/ml) G Lab File ID: E1825.D

Level: (low/med) LOW Date Received:

% Moisture: 27.6 decanted:(Y/N) N Date Extracted: 11/8/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
132-64-9	Dibenzofuran	460	U
606-20-2	2,6-Dinitrotoluene	460	U
121-14-2	2,4-Dinitrotoluene	460	U
84-66-2	Diethylphthalate	460	U
7005-72-3	4-Chlorophenyl-phenylether	460	U
86-73-7	Fluorene	460	U
100-01-6	4-Nitroaniline	460	U
534-52-1	4,6-Dinitro-2-methylphenol	460	U
86-30-6	n-Nitrosodiphenylamine	460	U
101-55-3	4-Bromophenyl-phenylether	460	U
118-74-1	Hexachlorobenzene	460	U
87-86-5	Pentachlorophenol	460	U
85-01-8	Phenanthrene	140	J
120-12-7	Anthracene	460	U
84-74-2	Di-n-butylphthalate	460	U
206-44-0	Fluoranthene	100	J
129-00-0	Pyrene	190	J
85-68-7	Butylbenzylphthalate	460	U
91-94-1	3,3'-Dichlorobenzidine	460	U
56-55-3	Benzo[a]anthracene	460	U
117-81-7	bis(2-Ethylhexyl)phthalate	460	U
218-01-9	Chrysene	54	J
117-84-0	Di-n-octylphthalate	460	U
205-99-2	Benzo[b]fluoranthene	47	J
207-08-9	Benzo[k]fluoranthene	53	J
50-32-8	Benzo[a]pyrene	460	U
193-39-5	Indeno[1,2,3-cd]pyrene	460	U
53-70-3	Dibenz[a,h]anthracene	460	U
191-24-2	Benzo[g,h,i]perylene	460	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

8-S

Lab Name: ACCREDITED LABS INC. Contract: _____

Lab Code: _____ Case No.: 8255 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 0214303

Sample wt/vol: 30 (g/ml) G Lab File ID: E1825.D

Level: (low/med) LOW Date Received: _____

% Moisture: 27.6 decanted:(Y/N) N Date Extracted: 11/8/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
132-64-9	Dibenzofuran	460	U
606-20-2	2,6-Dinitrotoluene	460	U
121-14-2	2,4-Dinitrotoluene	460	U
84-66-2	Diethylphthalate	460	U
7005-72-3	4-Chlorophenyl-phenylether	460	U
86-73-7	Fluorene	460	U
100-01-6	4-Nitroaniline	460	U
534-52-1	4,6-Dinitro-2-methylphenol	460	U
86-30-6	n-Nitrosodiphenylamine	460	U
101-55-3	4-Bromophenyl-phenylether	460	U
118-74-1	Hexachlorobenzene	460	U
87-86-5	Pentachlorophenol	460	U
85-01-8	Phenanthrene	140	J
120-12-7	Anthracene	460	U
84-74-2	Di-n-butylphthalate	460	U
206-44-0	Fluoranthene	100	J
129-00-0	Pyrene	190	J
85-68-7	Butylbenzylphthalate	460	U
91-94-1	3,3'-Dichlorobenzidine	460	U
56-55-3	Benzo[a]anthracene	460	U
117-81-7	bis(2-Ethylhexyl)phthalate	460	U
218-01-9	Chrysene	54	J
117-84-0	Di-n-octylphthalate	460	U
205-99-2	Benzo[b]fluoranthene	47	J
207-08-9	Benzo[k]fluoranthene	53	J
50-32-8	Benzo[a]pyrene	460	U
193-39-5	Indeno[1,2,3-cd]pyrene	460	U
53-70-3	Dibenz[a,h]anthracene	460	U
191-24-2	Benzo[g,h,i]perylene	460	U

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1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

3-S

Lab Name: ACCREDITED LABS INC. Contract:

Lab Code: Case No.: 8255 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0214304

Sample wt/vol: 30 (g/ml) G Lab File ID: E1826.D

Level: (low/med) LOW Date Received:

% Moisture: 45.3 decanted:(Y/N) N Date Extracted: 11/8/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
000062-75-9	N-Nitrosodimethylamine	610	U
108-95-2	Phenol	610	U
111-44-4	bis(2-Chloroethyl)ether	610	U
95-57-8	2-Chlorophenol	610	U
541-73-1	1,3-Dichlorobenzene	610	U
106-46-7	1,4-Dichlorobenzene	610	U
100-51-6	Benzyl alcohol	610	U
95-50-1	1,2-Dichlorobenzene	610	U
95-48-7	2-Methylphenol	610	U
108-60-1	bis(2-chloroisopropyl)ether	610	U
106-44-5	3&4-Methylphenol	610	U
621-64-7	N-Nitroso-di-n-propylamine	610	U
67-72-1	Hexachloroethane	610	U
98-95-3	Nitrobenzene	610	U
78-59-1	Isophorone	610	U
88-75-5	2-Nitrophenol	610	U
105-67-9	2,4-Dimethylphenol	610	U
000065-85-0	Benzoic Acid	3000	U
111-91-1	bis(2-Chloroethoxy)methane	610	U
120-83-2	2,4-Dichlorophenol	610	U
120-82-1	1,2,4-Trichlorobenzene	610	U
91-20-3	Naphthalene	62	J
106-47-8	4-Chloroaniline	610	U
87-68-3	Hexachlorobutadiene	610	U
59-50-7	4-Chloro-3-methylphenol	610	U
91-57-6	2-Methylnaphthalene	610	U
77-47-4	Hexachlorocyclopentadiene	610	U
88-06-2	2,4,6-Trichlorophenol	610	U
95-95-4	2,4,5-Trichlorophenol	610	U
91-58-7	2-Chloronaphthalene	610	U
88-74-4	2-Nitroaniline	610	U
131-11-3	Dimethylphthalate	610	U
208-96-8	Acenaphthylene	610	U
99-09-2	3-Nitroaniline	610	U
83-32-9	Acenaphthene	180	J
51-28-5	2,4-Dinitrophenol	610	U
100-02-7	4-Nitrophenol	610	U

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1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

3-S

Lab Name: ACCREDITED LABS INC. Contract:

Lab Code: Case No.: 8255 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0214304

Sample wt/vol: 30 (g/ml) G Lab File ID: E1826.D

Level: (low/med) LOW Date Received:

% Moisture: 45.3 decanted:(Y/N) N Date Extracted: 11/8/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
132-64-9	Dibenzofuran	610	U
606-20-2	2,6-Dinitrotoluene	610	U
121-14-2	2,4-Dinitrotoluene	610	U
84-66-2	Diethylphthalate	610	U
7005-72-3	4-Chlorophenyl-phenylether	610	U
86-73-7	Fluorene	74	J
100-01-6	4-Nitroaniline	610	U
534-52-1	4,6-Dinitro-2-methylphenol	610	U
86-30-6	n-Nitrosodiphenylamine	610	U
101-55-3	4-Bromophenyl-phenylether	610	U
118-74-1	Hexachlorobenzene	610	U
87-86-5	Pentachlorophenol	610	U
85-01-8	Phenanthrene	99	J
120-12-7	Anthracene	610	U
84-74-2	Di-n-butylphthalate	610	U
206-44-0	Fluoranthene	120	J
129-00-0	Pyrene	230	J
85-68-7	Butylbenzylphthalate	610	U
91-94-1	3,3'-Dichlorobenzidine	610	U
56-55-3	Benzo[a]anthracene	65	J
117-81-7	bis(2-Ethylhexyl)phthalate	61	J
218-01-9	Chrysene	62	J
117-84-0	Di-n-octylphthalate	610	U
205-99-2	Benzo[b]fluoranthene	62	J
207-08-9	Benzo[k]fluoranthene	64	J
50-32-8	Benzo[a]pyrene	60	J
193-39-5	Indeno[1,2,3-cd]pyrene	610	U
53-70-3	Dibenz[a,h]anthracene	610	U
191-24-2	Benzo[g,h,i]perylene	610	U

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ACCREDITED LABORATORIES, INC.
INORGANIC ANALYSIS DATA SHEET

Case #: 8255
Sample #: 0214296
Field ID: 1-A
Client Name: GE

Matrix: Aqueous
Date Received: 11/06/02

CAS No.	Element	Result UG/L	MDL UG/L	Dilution Factor	Method	Date Analyzed
7440-36-0	Antimony	ND	10.0	1	P	11/11/02
7440-38-2	Arsenic	36.8	10.0	1	P	11/11/02
7440-41-7	Beryllium	ND	5.00	1	P	11/11/02
7440-43-9	Cadmium	ND	5.00	1	P	11/11/02
7440-47-3	Chromium	52.6	10.0	1	P	11/11/02
7440-50-8	Copper	218	10.0	1	P	11/11/02
7439-92-1	Lead	481	10.0	1	P	11/11/02
7439-97-6	Mercury	ND	1.00	2	CV	11/12/02
7440-02-0	Nickel	117	10.0	1	P	11/11/02
7782-49-2	Selenium	ND	10.0	1	P	11/11/02
7440-22-4	Silver	ND	5.00	1	P	11/11/02
7440-28-0	Thallium	ND	10.0	1	P	11/11/02
7440-66-6	Zinc	269	100	1	P	11/11/02

ND - Element analyzed for but not detected.
P - Analyzed by ICP
F - Analyzed by GFA
CV - Analyzed by Cold Vapor
A - Analyzed by flame AA

ACCREDITED LABORATORIES, INC.
INORGANIC ANALYSIS DATA SHEET

Case #: 8255
Sample #: 0214297
Field ID: 5-A
Client Name: GE

Matrix: Aqueous
Date Received: 11/06/02

CAS No.	Element	Result UG/L	MDL UG/L	Dilution Factor	Method	Date Analyzed
7440-36-0	Antimony	ND	10.0	1	P	11/11/02
7440-38-2	Arsenic	66.0	10.0	1	P	11/11/02
7440-41-7	Beryllium	14.9	5.00	1	P	11/11/02
7440-43-9	Cadmium	7.19	5.00	1	P	11/11/02
7440-47-3	Chromium	427	10.0	1	P	11/11/02
7440-50-8	Copper	328	10.0	1	P	11/11/02
7439-92-1	Lead	4140	10.0	1	P	11/11/02
7439-97-6	Mercury	ND	1.00	2	CV	11/12/02
7440-02-0	Nickel	408	10.0	1	P	11/11/02
7782-49-2	Selenium	ND	10.0	1	P	11/11/02
7440-22-4	Silver	ND	5.00	1	P	11/11/02
7440-28-0	Thallium	ND	10.0	1	P	11/11/02
7440-66-6	Zinc	4250	100	1	P	11/11/02

ND - Element analyzed for but not detected.
P - Analyzed by ICP
F - Analyzed by GFA
CV - Analyzed by Cold Vapor
A - Analyzed by flame AA

ACCREDITED LABORATORIES, INC.
INORGANIC ANALYSIS DATA SHEET

Case #: 8255
Sample #: 0214301
Field ID: 1-S
Client Name: GE

Matrix: Soil
Date Received: 11/06/02

CAS No.	Element	Result MG/KG	MDL MG/KG	Dilution Factor	Method	Date Analyzed
7440-36-0	Antimony	ND	1.85	1	P	11/08/02
7440-38-2	Arsenic	4.14	1.85	1	P	11/08/02
7440-41-7	Beryllium	ND	.371	1	P	11/08/02
7440-43-9	Cadmium	ND	.371	1	P	11/08/02
7440-47-3	Chromium	17.9	.741	1	P	11/08/02
7440-50-8	Copper	42.5	.741	1	P	11/08/02
7439-92-1	Lead	49.3	7.41	1	P	11/08/02
7439-97-6	Mercury	ND	.351	1	CV	11/08/02
7440-02-0	Nickel	34.8	.741	1	P	11/08/02
7782-49-2	Selenium	ND	1.85	1	P	11/08/02
7440-22-4	Silver	ND	.741	1	P	11/08/02
7440-28-0	Thallium	ND	1.85	1	P	11/08/02
7440-66-6	Zinc	45.9	7.41	1	P	11/08/02

Percent Solid of 85.4 is used for all target elements

ND - Element analyzed for but not detected.
P - Analyzed by ICP
CV - Analyzed by Cold Vapor
F - Analyzed by GFA
A - Analyzed by flame AA

ACCREDITED LABORATORIES, INC.
INORGANIC ANALYSIS DATA SHEET

Case #: 8255
Sample #: 0214302
Field ID: 5-S
Client Name: GE

Matrix: Soil
Date Received: 11/06/02

CAS No.	Element	Result MG/KG	MDL MG/KG	Dilution Factor	Method	Date Analyzed
7440-36-0	Antimony	ND	2.33	1	P	11/08/02
7440-38-2	Arsenic	6.66	2.33	1	P	11/08/02
7440-41-7	Beryllium	ND	.466	1	P	11/08/02
7440-43-9	Cadmium	ND	.466	1	P	11/08/02
7440-47-3	Chromium	20.8	.932	1	P	11/08/02
7440-50-8	Copper	20.9	.932	1	P	11/08/02
7439-92-1	Lead	42.7	9.32	1	P	11/08/02
7439-97-6	Mercury	ND	.442	1	CV	11/08/02
7440-02-0	Nickel	23.5	.932	1	P	11/08/02
7782-49-2	Selenium	ND	2.33	1	P	11/08/02
7440-22-4	Silver	ND	.932	1	P	11/08/02
7440-28-0	Thallium	ND	2.33	1	P	11/08/02
7440-66-6	Zinc	74.1	9.32	1	P	11/08/02

Percent Solid of 67.9 is used for all target elements

ND - Element analyzed for but not detected.
P - Analyzed by ICP
CV - Analyzed by Cold Vapor
F - Analyzed by GFA
A - Analyzed by flame AA

ACCREDITED LABORATORIES, INC.
INORGANIC ANALYSIS DATA SHEET

Case #: 8255
Sample #: 0214303
Field ID: 8-S
Client Name: GE

Matrix: Soil
Date Received: 11/06/02

CAS No.	Element	Result MG/KG	MDL MG/KG	Dilution Factor	Method	Date Analyzed
7440-36-0	Antimony	ND	2.19	1	P	11/08/02
7440-38-2	Arsenic	5.61	2.19	1	P	11/08/02
7440-41-7	Beryllium	ND	.437	1	P	11/08/02
7440-43-9	Cadmium	ND	.437	1	P	11/08/02
7440-47-3	Chromium	17.5	.874	1	P	11/08/02
7440-50-8	Copper	49.7	.874	1	P	11/08/02
7439-92-1	Lead	349	8.74	1	P	11/08/02
7439-97-6	Mercury	ND	.414	1	CV	11/08/02
7440-02-0	Nickel	31.1	.874	1	P	11/08/02
7782-49-2	Selenium	ND	2.19	1	P	11/08/02
7440-22-4	Silver	ND	.874	1	P	11/08/02
7440-28-0	Thallium	ND	2.19	1	P	11/08/02
7440-66-6	Zinc	101	8.74	1	P	11/08/02

Percent Solid of 72.4 is used for all target elements

ND - Element analyzed for but not detected.
P - Analyzed by ICP
F - Analyzed by GFA
CV - Analyzed by Cold Vapor
A - Analyzed by flame AA

ACCREDITED LABORATORIES, INC.
INORGANIC ANALYSIS DATA SHEET

Case #: 8255
Sample #: 0214304
Field ID: 3-S
Client Name: GE

Matrix: Soil
Date Received: 11/06/02

CAS No.	Element	Result MG/KG	MDL MG/KG	Dilution Factor	Method	Date Analyzed
7440-36-0	Antimony	ND	2.89	1	P	11/08/02
7440-38-2	Arsenic	8.05	2.89	1	P	11/08/02
7440-41-7	Beryllium	ND	.579	1	P	11/08/02
7440-43-9	Cadmium	ND	.579	1	P	11/08/02
7440-47-3	Chromium	22.8	1.16	1	P	11/08/02
7440-50-8	Copper	21.6	1.16	1	P	11/08/02
7439-92-1	Lead	40.1	11.6	1	P	11/08/02
7439-97-6	Mercury	ND	.548	1	CV	11/08/02
7440-02-0	Nickel	90.7	1.16	1	P	11/08/02
7782-49-2	Selenium	ND	2.89	1	P	11/08/02
7440-22-4	Silver	ND	1.16	1	P	11/08/02
7440-28-0	Thallium	ND	2.89	1	P	11/08/02
7440-66-6	Zinc	121	11.6	1	P	11/08/02

Percent Solid of 54.7 is used for all target elements

ND - Element analyzed for but not detected.
P - Analyzed by ICP
F - Analyzed by GFA
CV - Analyzed by Cold Vapor
A - Analyzed by flame AA

APPENDIX H

SUMMARY TABLES

Summary Table 1

Volatile Organic Compounds in Soil Samples Collected at Sackett Street Terminal and Bond Street Garage, Brooklyn, New York

Sample Designation:		1 - S	3 - S	5 - S	7 - S	8 - S
Sample Date:		11/4/2002	11/5/2002	11/5/2002	11/4/2002	11/5/2002
Units:		ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Compound	Recommended Soil Cleanup Objective* (ug/kg)					
Acetone	NA	ND	ND	ND	ND	71
Ethylbenzene	5500	**49000**	ND	ND	ND	ND
Isopropylbenzene	2300	**10000**	ND	ND	ND	ND
n-Propylbenzene	3700	**24000**	ND	ND	ND	ND
Toluene	1500	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	3300	**49000**	ND	ND	ND	ND
1,2,4 - Trimethylbenzene	10000	**120000**	ND	ND	ND	ND
m,p-Xylene	1200	**120000**	ND	ND	ND	ND
o-Xylene	1200	**7900**	ND	ND	ND	ND
Dilution Factor	~	5000	1	1	1	1

Notes: *Recommended Soil Cleanup Objective as per Technical and Administrative Guidance Memo (TAGM) #4046, New York State Department of Environmental Conservation (NYSDEC), January 24, 1994, as ammended by Memorandum for Determination of Soil Cleanup Levels, NYSDEC, December 20, 2000.

ug/kg = microgram per kilogram = 1 part per billion (ppb).

NA - A Recommended Soil Cleanup Objective is not provided by TAGM #4046.

ND - Compound analyzed for but not detected.

Summary Table 2

Semivolatile Organic Compounds in Soil Samples Collected at Sackett Street Terminal and Bond Street Garage, Brooklyn, New York

Sample Designation:		1 - S	3 - S	5 - S	7 - S	8 - S
Sample Date:		11/4/2002	11/5/2002	11/5/2002	11/4/2002	11/5/2002
Units:		ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Compound	Recommended Soil Cleanup Objective* (ug/kg)					
Napthalene	13000	12000	ND	ND	ND	ND
2-Methylnapthalene	NA	6700	ND	ND	ND	ND
Phenanthrene	50000	950	ND	ND	ND	ND
Fluoranthene	50000	590	ND	4000	ND	ND
Pyrene	50000	1000	ND	7800	ND	ND
Dibenzofuran	NA	ND	ND	ND	ND	ND
Fluorene	50000	ND	ND	820	ND	ND
Phenanthrene	50000	ND	ND	5200	ND	ND
Anthracene	50000	ND	ND	1800	ND	ND
Benzo[a]anthracene	224	ND	ND	**1800**	ND	ND
Chrysene	400	ND	ND	**1700**	ND	ND
Benzo[b]fluoranthrene	220	ND	ND	**1500**	ND	ND
Benzo[k]fluoranthrene	220	ND	ND	**1300**	ND	ND
Benzo[a]pyrene	61	ND	ND	**1600**	ND	ND
Dilution Factor	~	5	1	1	1	1

Notes: *Recommended Soil Cleanup Objective as per Technical and Administrative Guidance Memo (TAGM) #4046, New York State Department of Environmental Conservation (NYSDEC), January 24, 1994, as ammended by Memorandum for Determination of Soil Cleanup Levels, NYSDEC, December 20, 2000.

ug/kg = microgram per kilogram = 1 part per billion (ppb).

NA - A Recommended Soil Cleanup Objective is not provided by TAGM #4046.

ND - Compound analyzed for but not detected.

Summary Table 3

Priority Pollutant Metals in Soil Samples Collected at
Sackett Street Terminal and Bond Street Garage, Brooklyn, New York

Sample Designation:		1 - S	3 - S	5 - S	7 - S	8 - S
Sample Date:		11/4/2002	11/5/2002	11/5/2002	11/4/2002	11/5/2002
Units:		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Metal	Recommended Soil Cleanup Objective* (mg/kg)					
Arsenic	7.5 or SB	4.14	**8.05**	6.66	ND	5.61
Chromium	10.0 or SB	**17.9**	**22.8**	**20.8**	5.35	**17.5**
Copper	25.0 or SB	**42.5**	21.6	20.9	7.18	**49.7**
Lead	SB**	49.3	40.1	42.7	40.4	349
Nickel	13 or SB	**34.8**	**90.7**	**23.5**	7.89	**31.1**
Zinc	20 or SB	**45.9**	**121**	**74.1**	**22.4**	**101**

Notes: *Recommended Soil Cleanup Objective as per Technical and Administrative Guidance Memo (TAGM) #4046, New York State Department of Environmental Conservation (NYSDEC), January 24, 1994, as ammended by Memorandum for Determination of Soil Cleanup Levels, NYSDEC, December 20, 2000.

** Background levels for lead vary widely. Average levels in undeveloped, rural areas may range from 4-61 ppm. Average background levels in metropolitan or suburban areas or near higheays are much higher and typically range from 200 to 500 mg/kg.

mg/kg = milligram per kilogram = 1 part per million (ppm).

SB - New York State Background.

ND - Element analyzed for but not detected.

Summary Table 4

Volatile Organic Compounds in Groundwater Samples Collected at Sackett Street Terminal and Bond Street Garage, Brooklyn, New York

Sample Designation:		1 - A	3 - A	5 - A	7 - A	8 - A
Sample Date:		11/4/2002	11/5/2002	11/5/2002	11/4/2002	11/5/2002
Units:		ug/L	ug/L	ug/L	ug/L	ug/L
Compound	Ambient Water Quality Standard or Guidance Value* (ug/L)					
Acetone	50	ND	15	ND	ND	**56**
Ethylbenzene	5	**2700**	**5**	ND	ND	ND
Isopropylbenzene	5	**260**	ND	ND	ND	ND
n-Propylbenzene	5	**320**	ND	ND	ND	ND
Toluene	5	**180**	ND	**15**	ND	ND
1,3,5-Trimethylbenzene	5	**420**	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	**2600**	**20**	ND	ND	**7**
m,p-Xylene	5	**6000**	**14**	ND	ND	**12**
o-Xylene	5	**500**	ND	ND	ND	ND
Benzene	1	**220**	ND	ND	ND	ND
sec-Butylbenzene	5	**20**	ND	ND	ND	ND
n-Butylbenzene	5	**100**	ND	ND	ND	ND
Methylene Chloride	5	ND	8 B	ND	8 B	8 B
2-Butanone (MEK)	50	ND	ND	10	ND	ND
Dilution Factor	-	100	1	1	1	1

Notes: *Ambient Water Quality Standard or Guidance Value as per Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, Table 1, Water Class GA for Protection For Source of Drinking Water, New York State Department of Environmental Conservation, June 1998 and New York Conservation Rules and Regulations, Chapter X, Part 703.5, Table 1, last ammended August 1999.

ug/L = microgram per liter = 1 part per billion (ppb).

ND - Element analyzed for but not detected.

B - Compound found in associated blank (laboratory comtamination).

MEK - 2-Butanone is also named Methyl ethyl ketone.

Summary Table 5

Semivolatile Organic Compounds in Groundwater Samples Collected at Sackett Street Terminal and Bond Street Garage, Brooklyn, New York

Sample Designation:		1 - A	3 - A	5 - A	7 - A	8 - A
Sample Date:		11/4/2002	11/5/2002	11/5/2002	11/4/2002	11/5/2002
Units:		ug/L	ug/L	ug/L	ug/L	ug/L
Compound	Ambient Water Quality Standard or Guidance Value* (ug/L)					
Naphthalene	10	1700	ND	ND	ND	ND
2-Methylnapthalene	NA	**720**	ND	ND	ND	ND
Acenaphthene	20	**20**	ND	ND	ND	ND
Fluorene	50	19	ND	ND	ND	ND
Phenanthrene	50	**82**	ND	ND	ND	ND
Fluoranthene	50	34	ND	ND	ND	ND
Pyrene	50	**60**	ND	ND	ND	ND
Dilution Factor	~	20	1	1	1	1

Notes: *Ambient Water Quality Standard or Guidance Value as per Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, Table 1, Water Class GA for Protection For Source of Drinking Water, New York State Department of Environmental Conservation, June 1998 and New York Conservation Rules and Regulations, Chapter X, Part 703.5, Table 1, last ammended August 1999.

ug/L = microgram per liter = 1 part per billion (ppb).

NA - No Ambient Water Quality Standard or Guidance Value is indicated by the NYSDEC.

ND - Element analyzed for but not detected.

Summary Table 6

Priority Pollutant Metals in Groundwater Samples Collected at Sackett Street Terminal and Bond Street Garage, Brooklyn, New York

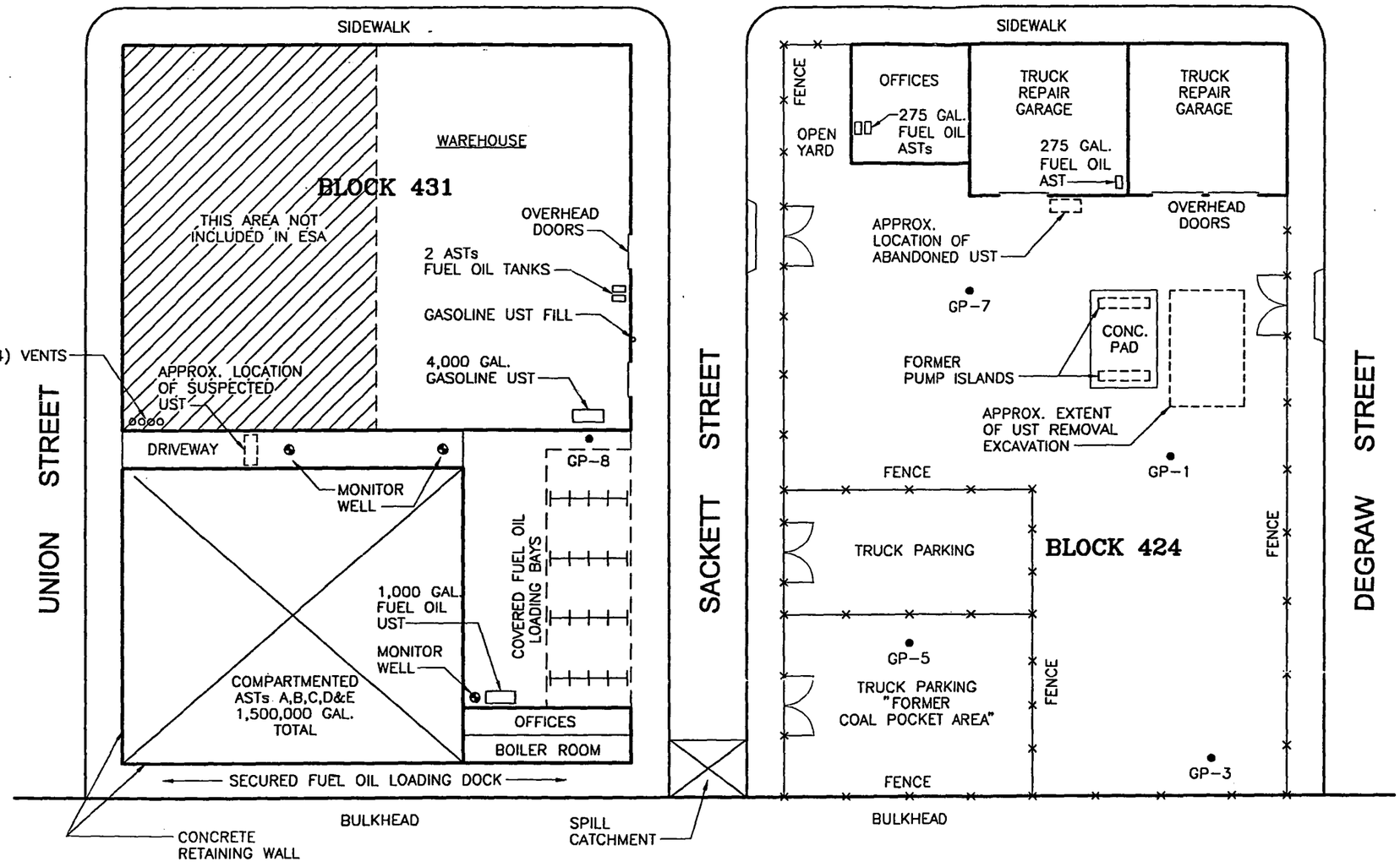
Sample Designation:		1 - A	5 - A
Sample Date:		11/4/2002	11/5/2002
Units:		ug/L	ug/L
Metal	Ambient Water Quality Standard or Guidance Value* (ug/L)		
Arsenic	25	**36.8**	**66**
Beryllium	3	ND	**14.9**
Cadmiun	5	ND	**7.19**
Chromium	50	**52.6**	**427**
Copper	200	**218**	**328**
Lead	25	**481**	**4140**
Nickel	100	**117**	**408**
Zinc	2000	269	**4250**

Notes: *Ambient Water Quality Standard or Guidance Value as per Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, Table 1, Water Class GA for Protection For Source of Drinking Water, New York State Department of Environmental Conservation, June 1998 and New York Conservation Rules and Regulations, Chapter X, Part 703.5, Table 1, last ammended August 1999.

ug/L = microgram per liter = 1 part per billion (ppb).

ND - Element analyzed for but not detected.

BOND STREET



GOWANUS CANAL

BAYSIDE FUEL OIL DEPOT CORP.
SITE PLAN

JOB NO. 0420-01-001	Galli engineering, P.C. 734 Walt Whitman Road, Suite 402A Melville, New York 11747 631-271-9292 FAX 631-271-9345		
DRAWN AXC			
CHECKED RDG			
APPROVED RDG	DATE 11/25/02	SCALE 1"=50'	DRAWING NO.

Draft Phase I and Phase II Environmental Site Assessments

December 27, 2002

Privileged and Confidential Information
Disclose Only to Authorized Parties

Conducted at:

Bayside Fuel Oil Depot Corp.
510 Sackett Street

and

Bond Street Garage
267-285 Bond Street
Brooklyn, New York 11231

Prepared for:

Gowanus Canal, LLC
Mr. Dan Hirsch
160 West 95th Street
New York, New York 10017

Prepared by:

Galli Engineering, P.C.
734 Walt Whitman, Suite 402A
Melville, New York 11747

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H. SUMMARY TABLES

1.0 INTRODUCTION

Under contract with Gowanus Canal, LLC, Galli Engineering, P.C. has completed a Phase I and a Phase II Environmental Assessment of the four tax lots collectively known as the Bayside Fuel Oil Depot Corp., 510 Sackett Street and the Bond Street Garage, 267-285 Bond Street, Brooklyn, New York 11231, herein identified as the "subject property". The property is specifically identified as:

Parcel A
Map: Section 2, Block 431, Lot 12
Address: 498-502 Sackett Street
Brooklyn, NY 11231

Parcel B
Map: Section 2, Block 431, Lot 17
Address: 508-520 Sackett Street, a/k/a 505-517 Union Street
Brooklyn, NY 11231

Parcel C
Map: Section 2, Block 424, Lot 1
Address: 267-285 Bond Street, a/k/a 484-508 Degraw Street, a/k/a 479-493 Sackett Street
Brooklyn, NY 11231

Parcel D
Map: Section 2, Block 424, Lot 20
Address: 495-505 Sackett Street
Brooklyn, NY 11231

The four subject property lots situated within the Borough of Brooklyn consist of approximately 2.75 acres.

1.1 Purpose

The purpose of the Phase I Environmental Site Assessment element is to determine (using non-intrusive methods) if any type of environmental hazard exists within the property in question. Environmental hazards include, but are not limited to, hazardous/toxic wastes or raw chemicals stored, dumped or spilled on premises; underground storage of hazardous materials; asbestos within building materials/structures; and identification of potential off-site sources of hazardous waste contamination such as industrial facilities adjacent to the subject site.

The purpose of the Phase II Environmental Site Assessment element is to determine (using physical methods) the presence or absence of soil or groundwater contamination consistent with known previous uses of the property. The previous uses of interest are the presence of former underground fuel storage tanks and a former coal distribution facility.

This assessment is intended to satisfy the requirements of the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments, as published in ASTM E 1527. Banks, insurance companies, and prospective property purchasers require an understanding of existing and past property conditions and uses in order to assess the potential liabilities associated with a property. This assessment has been completed by a qualified environmental professional as defined in the ASTM standard. The objectives of this Environmental Site Assessment are stated as follows:

- Establish a basis of understanding of the past and present land uses of the subject property in order to identify potential environmental and/or public health risks.
- Establish a basis of understanding of the past and present surrounding land uses and environmental resources in order to determine their impact on the environmental quality of the subject property.
- Identify any known or potential items in noncompliance with applicable Local, State, or Federal laws and regulations.
- Identify, to the extent feasible, recognized environmental conditions in connection with the subject and surrounding properties. Recognized environmental conditions are defined by ASTM as follows:

  "The presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimus conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies."

1.2 Special Terms and Conditions

It is the responsibility of the user of this report to provide certain information utilized in the report. This would include reporting any environmental liens (for example, consideration against the property for response action, cleanup, or remediation of hazardous substances or petroleum products) encumbering the property or specialized knowledge or experience that would assist in identifying recognized environmental conditions.

The level of inquiry is uniform in each Phase I Environmental Site Assessment (ESA); however, the availability of information, relevance, and quality of information can vary. As per ASTM Standards, the "environmental professional is not required to verify independently the information provided, but may rely on information provided unless he or she has actual knowledge that certain information is incorrect or unless it is obvious that certain information is incorrect based on other information obtained in the Phase I ESA or otherwise actually known to the environmental professional." Personnel involved in report preparation will make judgments on the accuracy of user provided information and conduct additional research as necessary in order to meet the requirement of identifying recognized environmental conditions on the subject property.

ASTM provides a number of standard sources of historic information. Galli Engineering, P.C. will seek to research as many sources of historic information as may be available as a means of cross confirmation. However, according to ASTM's Standard Practice for Environmental Site Assessments (E1527), the "environmental professional is required to review only record information that is reasonably ascertainable", whereby reasonably ascertainable is defined as "(1) information that is publicly available, (2) information that is obtainable from its source within reasonable time and cost constraints, and (3) information that is practically reviewable." ASTM defines reasonable time constraints as information being provided by the source within twenty days of receiving a written request. Practically reviewable means that "the information is provided by the source in a manner and in a form that, upon examination, yield information relevant to the property without the need for extraordinary analysis of irrelevant data."

Based on ASTM Standards, the Phase I ESA is not intended to include any sampling and analysis of materials associated with the subject property (i.e., soil, water, air, or building materials).

The Phase II ESA was conducted in accordance with industry practice, as defined in the American Society for Testing and Materials (ASTM) Standards related to the Phase II Environmental Site Assessment Process. The methods used for this Phase II were consistent with the nature of the site, the regulatory agencies involved, and the findings of the Phase I ESA. Due to the site specific historical uses of various portions of the properties for coal lots, coal sheds, coal pockets, vehicle fueling, vehicle repair shop and petroleum storage, the Phase II methods include sampling soil and groundwater.

The laboratory results of samples collected as part of this study were evaluated based on the soil cleanup objectives promulgated by the New York State Department of Environmental Conservation (NYSDEC) in the following publications and memorandum:

1. *Technical and Administrative Guidance Memorandum (TAGM) #4046, "Determination of Soil Cleanup Objectives and Cleanup Levels".*
2. *"Determination of Soil Cleanup Levels", Memorandum dated December 20, 2000.*

Provided herein are the results of the soil sampling and analysis performed for the Phase II ESA conducted on the subject property.

1.3 Limitations and Exceptions

This assessment is dated, and is only valid for activities that occurred prior to the date of the site visit. Activities, liabilities, and alterations to the subject property subsequent to the date of the site visit are not included in the assessment.

This assessment is intended to assess the potential for public health or environmental liabilities based upon examination of the subject property in accordance with ASTM Standards. The ASTM Standards provide specific guidance with regard to radon, asbestos, lead in drinking water, lead-based paint, and polychlorinated biphenyls (PCBs).

Analysis of the Comprehensive Environmental Response Compensation and Liability Act

(CERCLA) implications with regard to the innocent landowner defense under Superfund finds that naturally occurring radon is not subject to CERCLA liability and is appropriately considered as a non-scope issue. Accordingly, this assessment will only provide general guidance on this issue, and will not involve or recommend air monitoring for radon gas.

Similarly, the ASTM Standards do not recognize liability with regard to asbestos that is part of the building materials of a structure, in accordance with CERCLA innocent landowner defense under Superfund. However, if asbestos containing material were disposed of on a property, such practice would be subject to Superfund response actions and should be identified. In the interest of serving the client and addressing the needs of the user, this assessment will identify observed potential asbestos containing materials (ACMs), which may pose a health threat. This assessment is not a full asbestos survey to serve in identifying all possible sources of ACM, regardless of health danger.

Lead based paint and lead in drinking water are also issues considered to be non-scope under CERCLA innocent landowner defense under Superfund. Lead based paint was in use for many years, and it is likely that many older buildings will have surfaces coated with lead based paint. As a general rule, painted surfaces should be maintained and ingestion of paint products should be avoided. If on-site disposal of these materials were involved, disclosure of this practice would be subject to the scope and conditions of this environmental assessment. In the interest of serving the user, this report may include limited field-testing of surface paints and the observations on the condition of the painted surfaces. Lead in drinking water generally occurs as a result of high lead content in solder. Water left stagnant in pipes overnight or longer may leach lead from the joints and adversely affect the drinking water quality. As a general rule, water should run for several minutes in the morning where such plumbing may be present.

This assessment will not identify all potential sources of PCB containing oils. Common sources of these materials include transformers and fluorescent lamp ballasts. Electric service transformers may include ground level or pole-mounted units. These transformers are owned and maintained by regional public utilities. Transformers are inventoried and periodically inspected. Aggressive and destructive testing, which would be required for definitive identification of PCB containing oils, is beyond the scope of this study.

It must be noted that the accuracy of any assessment is limited to the information available during the time of the site visit; the records, files, and drawings provided by the owner and released by governmental agencies; and the accuracy and completeness of the information provided during interviews.

Regarding the Phase II ESA, the investigation is limited by site characteristics that limit the location and number of soil borings that can be completed due to the presence of subsurface obstacles such as construction fill debris and existing buildings.

1.4 Project Specifications

The date of inspection and the key personnel involved in the preparation of the report are provided below:

Project Commenced:	October 25, 2002
Inspection Date:	November 4, 2002
Sampling Dates:	November 4-5, 2002
Report Date:	December 9, 2002
Project Manager:	William J. Conroy, P.G.
Inspector / Prepared By:	William J. Conroy, P.G.

This assessment was performed in accordance with good commercial and customary practice as defined by ASTM E1527. Presented herein are the results of the Phase I and the Phase II Environmental Site Assessment conducted by Galli Engineering, P.C. on the subject property.

These assessments are intended to constitute all appropriate inquiry suitable for establishing innocent landowner status, pursuant to 42 U.S.C. § 9601 (35) (B). This site assessment was prepared by Galli Engineering, P.C. under contract to Gowanus Canal, LLC in order to satisfy requirements as stipulated by said user (ASTM 1527 3.3.39).

Document distribution:

Gowanus Canal, LLC.	Client	Three copies
Galli Engineering, P.C. corporate records	Assessor	One copy

2.0 SITE INSPECTION

William J. Conroy, P.G. of Galli Engineering P.C completed the inspection of the subject property on November 4, 2002. The property was visually inspected and any indication of an environmental hazard was noted. Pictures were also taken of the subject site and adjoining properties on this date (Appendix A). Sampling of soil and groundwater using a truck mounted Geoprobe™ unit was conducted on November 4-5, 2002.

2.1 Site Characteristics

The subject property is situated on the west side the Gowanus Canal. It is comprised of two main parts:

- The "Sackett Street Terminal", Block 431 that occupies most of the block bounded by Union Street on the south, Bond Street on the west and Sackett Street on the north (Parcels A and B).

- The "Bond Street Garage", Block 424 that occupies the entire block bounded by Sackett Street on the south, Bond street on the west and Degraw Street on the north (Parcels C and D).

Characteristics

1. The primary use is as an above ground fuel storage facility. It is classified by the NYSDEC as a Major Oil Storage Facility (MOSF). A MOSF is one with petroleum storage capacities of 400,000 gallons or greater.
2. The facility receives #2 fuel oil, diesel fuel and kerosene from supply vessels on the Gowanus Canal, stores the fuels and distributes the fuel to supply trucks.
3. The facility consists of aboveground storage Tanks A, B, C, D and E.
   - Tank A – 500,000 gallons, #2 Fuel Oil
   - Tank B – 400,000 gallons, #2 Fuel Oil
   - Tank C – 300,000 gallons, Diesel Fuel
   - Tank D – 200,000 gallons, Kerosene
   - Tank E – 100,000 gallons, #2 Fuel Oil
4. Tanks A through E are compartments of a larger compartmented tank (1,500,000 gallons total). The compartmented tank is surrounded and supported by an earthen berm and a concrete wall.
5. A cathodic protection system was installed in 1989. The cathodic protection system has been maintained according to NYSDEC requirements. On July 18, 2002, PCA Engineering, Inc., Pompton Lanes, New Jersey, conducted a cathodic protection survey of the existing system. The test results indicated that localized marginal potentials were noted particularly at the east face of the mounded tanks. Also, that the rectifier is operating near it's maximum DC voltage capacity. The report recommended that supplemental anodes be installed to improve potentials in marginal areas. Furthermore, the rectifier current output should be monitored monthly and the cathodic protection system should be surveyed annually. The findings of the survey and a drawing showing the configuration of the cathodic protection system are provided in Appendix B.

6. Tightness testing was performed on each tank August 21 through September 20, 2001, All tanks passed. Documentation of the tightness testing and Tank Certifications are provided in Appendix B.
7. Four truck loading racks are located north of the tanks.
8. Offices and a boiler room are located north of the tanks.
9. The northwestern portion of the block is occupied by the subject property consisting of a one-story warehouse currently used to store retail toys.
10. A 4,000 gallon gasoline underground storage tank (UST) is located in the northeast corner of the warehouse. The steel UST was installed in 1979 and is equipped with impressed current protection and in-tank leak detection. The fill port is located on the sidewalk and is equipped with a high level alarm and a catch basin. A suction gasoline dispenser is located inside the warehouse. Leak detection testing was performed in 1979.
11. A 1,000 gallon fuel oil UST is located in the northeast corner of the block, adjacent to the offices. The UST fuels the boiler room. The epoxy-lined steel UST was installed in 1947 and is equipped with impressed current protection. Leak detection consists of groundwater monitoring wells. Well monitoring records are available upon request. The fill port is located adjacent to the UST and is equipped with overfill protection. The dispenser is suction type.
12. Three groundwater monitoring wells (MW-1, MW-2 and MW-3) are located on the subject property within this block. Groundwater samples were obtained by Environmental Management, Inc. on May, 21, 2002. The samples were analyzed for Benzene, Toluene, Ethylbenzene, m,p-Xylene and o-Xylene (BTEX) and for Base-Neutral / Acid Extractable SVOCs by Accredited Laboratories of Carteret, New Jersey. The analytical results for the BTEX and the SVOCs were below the Method Detection Limits for all wells.

2.2 Surrounding Properties

Land uses occurring on the surrounding properties may have the potential of causing an adverse effect on the environmental quality of the subject property. The past and current uses of the adjoining properties are primarily light industrial, residential and retail.

The southwestern area on the block containing the Sackett street terminal is occupied by business(es) apparently repairing trucks.

The block located north of Degraw Street block appears to be a current or former chemical facility.

The block south of Union Street appears to be a commercial business.

The area west of Bond Street is primarily residential.

3.0 REVIEW OF CORPORATE RECORDS AND PERSONAL INTERVIEWS

A review of corporate records and personal interviews can provide useful information regarding the processes occurring on the site. Interviews with subject property representatives and review of available corporate documentation has revealed the following information pertaining to the environmental quality of the subject property.

3.1 Personal Interviews

William Conroy of Galli Engineering, P.C. performed the site inspection on November 4, 2002. Personal interviews were conducted during the site visit with Mr. Nicholas DeMaria, an employee of Bayside Fuel Oil Depot Corp. Mr. DeMaria provided the documents regarding the cathodic protection system, the tightness testing and the Tank Closure Report.

3.2 Waste Management Audit

Legislation enacted under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) makes hazardous material generators forever legally liable for byproducts and/or waste they produce. This encompasses the transport and disposal of these materials. The nature of the occupancy and visual inspection can indicate that no waste streams are generated at the site, although confirmation cannot be made until all Freedom of Information Law (FOIL) requests have been satisfied.

3.3 Review of Corporate Documents

The Bayside Fuel Oil Depot Corp. maintains records of:

- cathodic protection system tests conducted twice each month,
- groundwater monitoring well checks conducted twice each month, and
- leak detection tracer method tests conducted each 5 years.

3.4 Review of Previous Environmental Report

The Bayside Fuel Oil Depot Corp. provided a copy of the Tank Closure Report, Bayside Fuel Corporation, Bond Street Terminal, Brooklyn, New York, prepared by A Cleaner Environment of South Jamesport, New York and dated February 17, 1999.

The report was prepared pursuant to the closure of fourteen 550 gallon USTs, associated piping, fills, vents and pumps from the north central portion of Block 424. Apparently, a NYSDEC Spill Number was opened for this tank closure but the text of the Tank Closure Report does not reference a Spill Number. Ten tanks contained diesel fuel and four tanks contained kerosene. Refer to the Site Plan provided in Appendix C.

120 yards of contaminated soil was excavated and transported as non-hazardous waste. According to the report end point soil samples indicated concentrations of VOCs and SVOcs above NYSDEC STARS Guidance Values for the UST excavation and the pump islands.

The Tank Closure Report recommends:

- installation, sampling and monitoring of groundwater wells,
- soil borings to delineate the extent of soil contamination,
- investigate for possible offsite sources of contamination, and
- preparation of a Remedial Action Plan.

Apparently none of these recommendations was implemented and the NYSDEC has not corresponded regarding further action. A review of government records indicates a NYSDEC Spill Number, opened at the time of the tank closure, remains open.

4.0 GOVERNMENT RECORD INVENTORY

The Freedom of Information Act (Public Officers Law, Sections 84-90) provides rights of access to all government documents not exempt from disclosure. Accessible records include paper documents plus items such as video/audio tape recordings, microfilm and computer disks. Galli Engineering, P.C. examined relevant Government documentation so as to define implicit parameters affecting the environmental quality of the subject property. Data provided by Environmental Data Resources, Inc (EDR) was used in the preparation on this report. ERD's report is provided in Appendix D.

4.1 Federal Government - Environmental Protection Agency (EPA)

SUBJECT PROPERTY SEARCH RESULTS

The subject property did not appear on the following Federal databases: NPL, Proposed NPL, CERCLIS, CERC-NFRAP, CORRACTS, RCRIS-TSD, RCRIS Lg. Quan. Gen., RCRA TSD, TRIS, GNRTR, CONSENT, ROD, Delisted NPL, HMIRS, MLTS, MINES, NPL Liens, PADS, RAATS, TRIS, TSCA, or SSTS.

The subject property did appear on the following Federal databases: RCRIS Small Quantity Generator, FINDS, FTTS and ERNS.

RCRIS: Resource Conservation and Recovery Information System
Source: EPA/NTIS
Telephone: 800-424-9346
Resource Conservation and Recovery Information System. RCRIS 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).

For the subject property, EDR reports that Bayside Fuel Oil Depot Corp. (510 Sackett Street) is classified as a Small Quantity Generator, RCRIS-SQG #1000382088, with no violations found and additional details available from the NY MANIFEST database.

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).

For the subject property, EDR reports FINDS shows an EPA Generator ID #NYD981872419 and that for Bayside Fuel Oil Depot Corp. (510 Sackett Street) "Other Pertinent Environmental

Activity Identified at Site: Facility Registry System (FRS), National Compliance Database (NCDB) and Resource Conservation and Recovery Act Information System (RCRAINFO).
FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
Source: EPA
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).

For the subject property, EDR reports that for Bayside Fuel Oil Depot Corp. (510 Sackett Street) on 6/21/00, Inspector D. Taveras investigated under EPCRA legislation and no violation occurred.

ERNS: Emergency Response Notification System
Source: EPA/NTIS
Telephone: 202-260-2342
Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

For the subject property, EDR reports that for Bayside Fuel Oil Depot Corp. (510 Sackett Street) ERNS ID #91201716 and ERNS ID #390184666. No further information regarding these two ERNS ID Numbers is available from the ERD report. However, they may relate to responses to spills to the surface water to which Federal agencies (USCG) have responded. Responses to such spills by the USCG are indicated in NYS Spills reports.

SURROUNDING PROPERTIES SEARCH RESULTS

CERCLIS-NFRAP: 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. A review of the CERC-NFRAP list, as provided by EDR, and dated 09/15/2002 has revealed that there is 1 CERC-NFRAP site within approximately 0.25 miles of the target property.

327-321 BOND STREET VIDAN AUTO SALVAGE

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 05/02/2002 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.
102 3RD ST PATTERSON CHEMICAL CO INC

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA. A review of the RCRIS-SQG list, as provided by EDR, and dated 09/09/2002 has revealed that there are 22 RCRIS-SQG sites within approximately 0.25 miles of the target property.

UNION ST BRG - GOWANUS NYSDOT UNION ST BRIDGE
280 NEVINS ST CHATHAM CLEANERS INC
450 UNION ST THOMAS PAULSON & SON INC
318 NEVINS ST NEW YORK TELEPHONE CO
262 BOND ST O-Z GEDNEY
549 SACKETT ST AUTO BODY CONCEPTS DBA ABC COL
327-321 BOND STREET VIDAN AUTO SALVAGE
242 NEVINS ST CROSSBAY BAY CONTRACTING
325 NEVINS ST CRUSADER CANDLE CO INC
201 DOUGLASS ST NYCDEP - GOWANUS PUMPING STATI
385 CARROLL ST TWO DANS ENTERPRISES
347 BOND ST PENSKE TRUCK LEASING CO LP
236 BUTLER ST PETROLEUM TAMA CLEANERS
337-361 CARROLL ST REGENCY SERVICE CARTS INC
317 HOYT ST NYC BD OF ED - PUBLIC SCHOOL 3
471 BALTIC ST FORTWAY COLLISION INC
40 1ST ST NEW AMSTERDAM THEATER
459 CARROLL ST LINDA TOOL & DIE CORP
423 BALTIC AVE NYCHA - GOWANUS HOUSES
280 DOUGLAS ST RYDER TRUCK RENTAL INC
185 THIRD AVE ELECTRIC SWITCHBOARD CO INC

ERNS: The Emergency Response Notification System records and stores information on reported releases of oil and hazardous substances. The source of this database is the U.S. EPA. A review of the ERNS list, as provided by EDR, and dated 12/31/2001 has revealed that there are 1 ERNS sites within approximately 0.125 miles of the target property.

318 NEVINS ST

4.2 State Government - New York State Department of Environmental Conservation

SUBJECT PROPERTY SEARCH RESULTS

The subject property did not appear on the following New York State databases: State Haz. Waste, State Landfill, LTANKS, UST, CBS UST, VCP, SWTIRE, SWRCY, HSWDS, TP AST, CBS AST or MOSF AST.

The subject property did appear on the following New York State databases: NY Spills, MOSF UST, PBS UST and PBS AST.

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.

For the subject property, EDR reports that for Bayside Fuel Oil Depot Corp. (510 Sackett Street) a MOSF UST Facility ID #2-1220, active facility with:

- 2 USTs identified A-B-C, capacity 1500000 Gal., storage terminal for Nos. 1, 2 or 4 fuel oil.
- 1 UST identified Boiler Tank, capacity 1000 Gal., storage terminal for Nos. 1, 2 or 4 fuel oil.

This MOSF UST as reported by EDR appears to be incomplete. Galli Engineering will obtain a clarification and report it in an addendum to this ESA.

NY Spills: Spills Reported to the NYSDEC
Source: NYSDEC
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.

1) For the address Bayside Fuel Oil Depot Corp. (510 Sackett Street), EDR reports the following NY Spills:

#9604267 – On 6/28/96 0 gallons gasoline spilled on land, NYSDEC responded, corrective action taken.

#9011318 – On 1/25/91, Gowanus Trader vessel spilled 20 gallons #2 fuel oil on surface water, NYSDEC, NYCFD and USCG responded, clean up meets standards.

#9011319 – On 1/25/91, Eckloff Marine vessel spilled 25 gallons #2 fuel oil on surface water, NYSDEC responded, clean up meets standards.

2) For the address Gowanus Canal-Sackett Street, EDR reports the following NY Spills:

#9412033 – On 12/9/94, 270 gallons #4 fuel oil spilled on surface water, no other data.

3) For the address 505 Sackett Street, EDR reports the following NY Spills:

#9809650 – On 11/2/98, 1 gallon of unknown petroleum spilled on land, no other data.
4) For the address 285 Bond Street, EDR reports the following NY Spills:

#9810785 – On 11/25/98, 20 gallons of diesel fuel spilled on land due to equipment failure, no other data.

5) For the address 267 Bond Street, EDR reports the following NY Spills:

#0208144 – On 11/5/02, unknown gallons unknown petroleum spilled on land, no other data.

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.

1) For the address 498-502 Sackett Street, EDR reports the following Petroleum Bulk Storage facility (PBS) UST data:

PBS #2-017590, one 4000 gals gasoline UST in service, suction pump, tested 10/01/97, overfill protection present.

2) For the address 267 Bond Street, EDR reports the following Petroleum Bulk Storage facility (PBS) UST data:

PBS #2-017574, five 275 gals (one kerosene and four diesel) USTs closed – removed 12/01/98. EDR reported the most recent NY PBS data for this address. The NY PBS database contains nine additional records for this address. These nine records are probably for the other USTs closed – removed on the same date.

AST: Petroleum Bulk Storage Database
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Registered Aboveground Storage Tanks.

1) For the address 498-502 Sackett Street, EDR reports the following Petroleum Bulk Storage facility (PBS) above ground storage tank (AST) data:

PBS #2-017590, two 275 gals above ground lube oil tanks in service.

2) For the address 267 Bond Street, EDR reports the following Petroleum Bulk Storage facility (PBS) above ground storage tank (AST) data:

PBS #2-017574, three 275 gals above ground lube oil tank in service, underground piping.

SURROUNDING PROPERTIES SEARCH RESULTS

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 3 SWF/LF sites within approximately 0.5 miles of the target property.

524-26 BALTIC STREET BALTIC RECYCLING T.S.
186 3RD STREET RED HOOK CRUSHERS, INC.
110 5TH ST SPARTAN DISMANTLING CORP

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 01/01/2002 has revealed that there are 32 LTANKS sites within approximately 0.5 miles of the target property.

325 NEVINS STREET 325 NEVINS STREET
473 PRESIDENT ST 473 PRESIDENT
267 DOUGLAS STREET 267 DOUGLAS STREET
HAMILTON AVE RED HOOK TERMINAL
280 DOUGLAS ST 280 DOUGLAS ST
540 PRESIDENT STREET 540 PRESIDENT STREET
185 NEVINS ST WYCKOFF GARDENS
175 3RD STREET 175 3RD STREET
222 1ST ST THIRD AVE YARD
70 2ND ST/NEW UTRECT AV DEL'S AUTO REPAIR
272 WYCKOFF STREET WYCKOFF GARDENS
272 WYCKOFF STREET WYCKOFF GARDENS
4TH / SACKETT STREET 4TH & SACKETT STREET
200 3RD ST ALL BORO'S
572 WARREN ST WYCKOFF CONSOLIDATED
572 WARREN ST 572 WARREN STREET HOUSES
204-222 4TH AV MERRITT GAS STATION
1-25 2ND AV MCIZ CORP
105 3RD AVE 105 3RD AVE
124 4TH AVENUE 124 4TH AVENUE
66 4TH ST
280 BERGEN ST ULANO CORP
15 2ND AVE BK-N-2 NYC DEPT OF SANITATION - J SCH
7 3RD STREET 7 3RD STREET/PEP S/S

81-03 THIRD AVE 81-03 THIRD AVE/BKLYN
90 4TH AVE EMPTY LOT
80 3RD AVE. 80 3RD AVE.
106 6TH ST 106 6TH ST
284 BALTIC ST IS 293
341 BERGEN ST 341 BERGEN ST
122 HOYT STREET 122 HOYT STREET
438-440 ATLANTIC AVENUE 438-440 ATLANTIC AVENUE

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 15 UST sites within approximately 0.25 miles of the target property.

270 NEVINS STREET ADMIRAL METALS
270 NEVINS STREET T E CONKLIN BRASS&COPPER CO,IN
537 SACKETT ST. ADAMS BOOK CO. INC.
301 NEVINS STREET NICKS UNION NEVINS SER. STA. C
259 BOND STREET 259 BOND STREET
318 NEVINS STREET BELL ATLANTIC
560 SACKETT ST. A & A BRAKE CO INC
201 DOUGLASS ST NYCDEP - GOWANUS PUMPING STATI
236 BUTLER ST PETROLEUM TANK CLEANERS INC
238 BOND STREET GOWANUS
267 DOUGLASS ST D GAVER & SONS INC
280 DOUGLAS STREET RYDER TRUCK RENTAL, INC.
169 THIRD AVENUE DICENT SERVICE STATION INC.

SWRCY: Registered Recycling Facility List from the Department of Environmental Conservation. A review of the SWRCY list, as provided by EDR, and dated 07/17/2000 has revealed that there are 2 SWRCY sites within approximately 0.5 miles of the target property.

182 4TH AVE RINALDI RECYCLING INC
141 SIXTH STREET U.S.A. RECYCLING, INC.

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.

NEVINS ST, DOUGLAS ST.

PROPRIETARY DATABASES

Former Manufactured Gas (Coal Gas) Sites:
A review of the Coal Gas list, as provided by EDR, has revealed that there are 4 Coal Gas sites within approximately 1 mile of the target property.

263 NEVINS ST. FULTON MUNICIPAL GAS CO.
437 SMITH ST. CITIZENS GAS LIGHT CO.
35 12TH ST. METROPOLITAN GAS LIGHT CO.
157 SECOND AVE. BROOKLYN UNION GAS CO.

4.3 Other FOIL Requests

The Freedom of Information Act, (Public Officers Law, Sections 84-90) provides rights of access to all government documents not exempt from disclosure. Accessible records include paper documents plus items such as video/audio tape recordings, microfilm and computer disks. Galli Engineering, P.C. has submitted written requests for all relevant government documentation to define implicit parameters affecting the environmental quality of the subject property. It is our experience that replies from agencies take from several weeks to several months. Freedom of Information requests have been submitted to the following agencies:

NYSDEC Region II
FOIL Request Officer
47-40 21st Street
Long Island City, NY 11101

NYC Dept. of Environmental Protection
FOIL Request Officer
59-17 Junction Boulevard
Corona, NY 11368

Fire Department New York
FOIL Request Officer
FDNY Public Records Unit
9 MetroTech Center, 1st Floor
Brooklyn, New York 11201-3857

NYC Building and Engineering Department
FOIL Request Officer
60 Hudson Street
New York, NY 10013

NYC Department of Health Services
FOIL Request Officer
125 Worth Street
New York, NY 10013

NYSDEC
ECON Records Access Officer
FOIL Request Officer
50 Wolfe Road
Albany, NY 12233-2751

USEPA
Freedom of Information Office
401 M Street, SW
Mail Code: 1105
Washington, D.C. 20460

As of this writing, the following agencies have acknowledged the receipt of the requests but have not provided relevant information pursuant to the requests:

NYC Dept. of Environmental Protection,
Fire Department New York,
NYC Building and Engineering Department,
NYC Department of Health Services,
NYSDEC/Albany - ECON Records Access Officer, and
USEPA.

4.4 Site History

4.4.1 Review of Historical Uses

The purpose of reviewing historical use sources is to identify any prior use of the property or adjoining properties that could lead to the presence of recognized environmental conditions that may adversely affect the property.

Aerial Photographs

Historical aerial photographs are provided in Appendix E. Aerial photographs are available for the years 1943, 1954, 1966, 1975, 1984 and 1994.

1943 – For the Sackett Street Terminal block, a long narrow building occupies the northeast portion. For the Bond Street Garage block, a prominent feature (perhaps the coal distribution facility) occupies the southeast portion and other buildings occupy the remainder of the block.

1954 – For the Sackett Street Terminal block, the configuration of buildings and major fuel storage tanks appears similar to the current configuration. For the Bond Street Garage block, the prominent feature (perhaps the coal distribution facility) still occupies the southeast portion with a barge (possible coal barge) moored adjacent to this feature and other buildings occupy the remainder of the block.

1966 – For the Sackett Street Terminal block, the configuration of buildings and major fuel storage tanks appears similar to the current configuration. For the Bond Street Garage block, the

prominent feature (perhaps the coal distribution facility) still occupies the southeast portion with a barge (possible coal barge) moored adjacent to this feature. A building configured similar to the current truck repair garages appears on the western portion of the block with trailers parked on a lot.

1975 – Aerial photograph is similar to 1966.

1984– Aerial photograph is similar to 1975.

1994 – Aerial photograph is poor quality but appears to be similar to 1984.

Sanborn Fire Insurance Maps

Historic Sanborn Fire Insurance Maps are available for the years 1886, 1904, 1915, 1939, 1950, 1969, 1977, 1979, 1980, 1981, 1986, 1987, 1988, 1991, 1992, 1993, 1995 and 1996.

1886 – The Sackett Street Terminal block was used as a coal yard, lumber yard and a box factory. The Bond Street Garage block was used as a coal yard.

1904 – The Sackett Street Terminal block was used mainly as a coal yard. The Bond Street Garage block was used as a coal yard.

1915 – The Sackett Street Terminal block was used mainly as a coal yard. The Bond Street Garage block was used mainly as a coal yard with a small garage facing Bond Street near the intersection with Sackett Street.

1939 – The Sackett Street Terminal block was used mainly as a coal yard. The Bond Street Garage block was used mainly as a coal yard with an auto repair garage facing Bond Street near the intersection with Sackett Street.

1950 – The eastern half of the Sackett Street Terminal block reflects the current configuration and uses. The current toy warehouse is occupied by a "private garage" and a "motor freight station" The Bond Street Garage block was used as a lumber yard and box manufacturing with the southeast portion remaining as a coal yard.

1969 – The western half Sackett Street Terminal block reflects the current configuration and uses. The current toy warehouse is occupied by a "private garage" and a "motor freight station" the southwest quarter of the block was used as a private garage (with gasoline tanks) and for truck repair. The Bond Street Garage block reflects the current configuration and uses except for the southeast quarter which remains as a coal yard.

1969 – The western half Sackett Street Terminal block reflects the current configuration and uses. The current toy warehouse is occupied by a "private garage" and a "motor freight station" the southwest quarter of the block was used as a private garage (with gasoline tanks) and for truck repair. The Bond Street Garage block reflects the current configuration and uses except for the southeast quarter which remains as a coal yard.

1977 – The western half Sackett Street Terminal block reflects the current configuration and uses. The current toy warehouse is occupied by a "private garage" and a "motor freight station" the southwest quarter of the block was used as a private garage (with gasoline tanks) and for truck repair. The Bond Street Garage block reflects the current configuration and uses except for the southeast quarter which remains as a coal yard.

5.0 LIMITED SCOPE INVESTIGATION OF POSSIBLE LEAD-CONTAINING PAINTS

Elemental lead has no function in the body. It can have poisonous effects on human organs and the nervous system, causing a variety of toxic reactions. Since lead accumulates in the body more rapidly than it can be removed, repeated exposures, even to small amounts, may cause lead poisoning. Over time, deteriorating lead components may allow lead to become airborne. Threshold limit values have been established at 0.15 mg/m^3 in air by the American Conference of Governmental Industrial Hygienists.

Disposal of lead paint does not occur at the subject property. In light of this information, there is no reason to suspect storage of lead containing paint products. However, since it has been confirmed that the site has been occupied by a structure since at least 1901, and likely since the 1860s, lead-based paint may have been used at some point in the structure's history. If construction, renovation, demolition or any other activities occur at the site that may require the removal of paint, the site must first be tested for lead-based paint. Should lead-based paint be confirmed, federal, state and local guidelines must be followed with any lead-based paint removal/disposal activities. Consistent with ASTM standards, lead paint is not considered an immediate environmental health concern at the subject property.

6.0 RADON

Radon is a heavy colorless, odorless, radioactive gas formed by the radioactive decay of radium. Radon is associated with specific geologic formations that contain granite, uranium minerals, certain shale and phosphate related minerals. Radon, as a gas, can migrate and accumulate in confined spaces, such as building basements. Where there is waterborne radon present in tap water, exposure can occur during consumption or inhaling vapor from tap water. Continued exposure to radon gas has been associated with the incidence of lung cancer and possible genetic damage.

The U.S. Environmental Protection Agency (USEPA) has set a maximum action level of 4 picocuries per liter (pCi/l) in air. At concentrations above this level, USEPA recommends measures to lower the concentrations. USEPA has developed a "Map of Radon Zones" to indicate the levels of radon concentration from testing and aerial surveys conducted in all counties of New York State. It was determined that Kings County was designated a "Zone 3" area which represents average indoor radon concentrations of less than 2 pCi/l. Consequently, these levels are among the lowest reported averages in the state and therefore not considered to be a significant environmental concern at the subject site.

7.0 LIMITED SCOPE IDENTIFICATION OF POSSIBLE FRIABLE ASBESTOS CONTAINING MATERIALS

Asbestos has been linked to various types of lung diseases. Various regulatory agencies have tolerance limits of 1% by weight for asbestos in materials. Any material that contains asbestos levels above this limit may be considered hazardous and may have to be abated.

Since it has been confirmed that the site has been occupied by a structure since at least 1901, and likely since the 1860s, asbestos containing materials may have been used during site construction. If renovations or demolition occur on-site and suspected asbestos containing materials are encountered, federal, state and local regulations must be followed during the handling of these materials.

9.0 SITE HYDROGEOLOGIC AND HYDROLOGIC DATA

The aquifer system beneath Kings County is not used as a source of potable water to the County. It is composed of unconsolidated deposits of Mesozoic and Triassic gravel, sand, silt, and clay. Having derived from both glacial and fluvial deposits, these sediments overlie relatively impermeable crystalline bedrock.

The U.S.G.S 7.5 Minute (Topographic) Series Map of Brooklyn, NY Quadrangle indicates that the land surface elevations at the subject site range from approximately 22 ft above mean sea level to 0 ft above mean sea level. The topographic slope at the site is down to the east (towards the Gowanus Canal). Insufficient groundwater monitoring well elevation data exists to calculate the groundwater flow direction or hydraulic gradient. The expected groundwater flow is toward the east. Based upon the findings of the soil borings, the depth to groundwater at the subject property ranges from approximately 9 to 11 ft below land surface (ft bls) .

Samples obtained from the soil borings indicate that the subsurface from 0 to 4 ft bls consists of demolition fill material. The subsurface from 4 to 12 ft bls consists of sandy loam and silt loam with clay layers. The percent composition of clay increases closer to the Gowanus Canal. Bedrock was not encountered by the soil borings.

The subject property is identified as lying within a 100-year flood zone by the Federal Emergency Management Agency.

10.0 SAMPLING OF SOIL AND GROUNDWATER

10.1 Soil Borings

Galli Engineering provided oversight of soil borings to obtain soil and groundwater samples at selected locations. The soil borings were conducted by Aquifer Drilling & Testing, Inc. of Long Island City, New York. The soil boring locations are shown on the Site Plan (Appendix F). The soil borings were conducted on November 4-5, 2002.

The soil boring locations are designated GP-1, GP-3, GP-5, GP-7 and GP-8.

Soil boring GP-1 is located hydraulically downgradient of and near the former UST field that was closed in 1998.

Soil boring GP-3 is located at the farthest hydraulically downgradient area on the subject property relative to the former UST field that was closed in 1998.

Soil boring GP-5 is located approximately in the center of the latest coal handling facility on the subject property.

Soil boring GP-7 provides data for the southwestern portion of the Bond Street Garage block.

Soil boring GP-8 is located hydraulically downgradient of and near the active gasoline UST located in the northeast corner of the warehouse.

Several unsuccessful soil boring attempts were made in order to complete the five successful soil borings. Unsuccessful soil borings resulted form encountering fill debris such as concrete at shallow depths. These soil borings could not be advanced to the desired depths and were abandoned.

10.2 Sample Collection

Soil and groundwater samples were collected from each of the soil borings. The soil samples are identified as 1-S, 3-S, 5-S, 7-S and 8-S. The groundwater samples are identified as 1-A, 3-A, 5-A, 7-A and 8-A.

These soil and groundwater samples were collected were placed into laboratory grade glass jars. Each sample jar was packed in a plastic bag and placed in a secure cooler with separately bagged ice. The samples were logged on a chain of custody document by sampling personnel, and remained in the custody of Galli Engineering until transport of the samples to the analytical laboratory via hand delivery.

8.0 PROXIMITY OF PROPERTY TO SENSITIVE ECOLOGICAL AREAS

During the site inspection, Galli Engineering personnel identified no ecologically sensitive areas within the subject property.

Adjacent to the subject property, the Gowanus Canal is identified as a wetland by The National Wetland Inventory.

10.3 Analytical Methods

10.3.1 Field Screening

The soil samples were screened in the field using a portable photoionization detector (PID). The PID detects volatile organic compounds (VOCs) that are indicative of the presence of some types of petroleum hydrocarbon contamination. The PID was zero calibrated and checked with calibration gas.

10.3.2 Laboratory Analysis

The soil and groundwater samples were hand delivered to Accredited Laboratories, Inc. (ALI) of Carteret, New Jersey for analysis on November 6, 2002. Accredited Laboratories is a New York State Certified Commercial Laboratory.

The soil samples (1-S, 3-S, 5-S, 7-S and 8-S) were analyzed for VOCs and Base-Neutra Extractable SVOCs using US EPA Methods 8260 and 8270, respectively. The soil s were also analyzed for Priority Pollutant Metals.

Groundwater samples 1-A and 5-A were analyzed for VOCs and Base-Neutral Extractable SVOCs using US EPA Methods 8260 and 8270, respectively. These groun samples were also analyzed for Priority Pollutant Metals.

Groundwater samples 3-A, 7-A and 8-A were analyzed for VOCs and Base-Neutral Extractable SVOCs only.

The Analytical Data Report prepared by Accredited Laboratories is provided in Appendix G and Summary Tables are provided in Appendix H.

10.4 Analytical Results

10.4.1 Field Screening Results

The field screening measurements for the five soil samples ranged from 0.0 parts per million (ppm) for sample 7-S to greater than 1,600 ppm for sample 1-S. PID measurements for the soil samples were:

- greater than 1,600 ppm for 1-S,
- 200 ppm for 3-S,
- 200 ppm for 5-S
- 0 ppm for 7-S, and
- 120 ppm for 8-S

Concentrations of all other PPM analytes for sample 1-S and 5-S were reported as non-detect or as an estimated value.

A Summary Table of PPMs Detected in Soil Samples is provided in Appendix H.

10.4.5 Groundwater VOCs – Laboratory Analytical Results

Concentrations of selected analytes detected in groundwater samples are compared to the NYSDEC Groundwater Standards as published by the NYSDEC.

Concentrations of VOCs above the NYSDEC Groundwater Standards were detected in samples as follows:

- sample 1-A, Benzene 220 ppb, Toluene 180 ppb, Ethylbenzene 2,700 ppb, m,p-Xylene 6,000 ppb, Isopropylbenzene 260 ppb, n-Propylbenzene 320 ppb, 1,3,5-Trimethylbenzene 420 ppb, 1,2,4-Trimethylbenzene 2,600 ppb, sec-Butylbenzene 20 ppb, n-Butylbenzene 100 ppb and o-Xylene 500 ppb,
- sample 3-A, Ethylbenzene 5 ppb, m,p-Xylene 14 ppb and 1,2,4-Trimethylbenzene 20 ppb,
- sample 5-A, Toluene 15 ppb, and
- sample 8-A, m,p-Xylene 12 ppb, 1,2,4-Trimethylbenzene 7 ppb and Acetone 56 ppb.

Concentrations of VOCs below the NYSDEC Groundwater Standards were detected in samples as follows:

- sample 3-A, Acetone 15 ppb, and
- sample 5-A, 2-Butanone 10 ppb.

Acetone was detected in sample 3-A (15 ppb) and 8-A (56 ppb). Acetone is a common laboratory contaminant and may be the source for this analyte. However, acetone was not reported by ALI as a laboratory contaminant. A request for a clarification of this issue has been submitted to ALI by Galli Engineering. ALI's response will be reported to Gowanus Canal, LLC.

Methylene Chloride was reported by ALI as a laboratory contaminant in some samples and is not groundwater contamination.

Concentrations of all other VOC analytes for samples 1-S, 3-S, 5-S and 8-S were reported as non-detect or as an estimated value.

Concentrations of all VOC analytes for sample 7-S were reported as non-detect or as an estimated value.

A Summary Table of VOCs Detected in Groundwater Samples is provided in Appendix H.

10.4.6 Groundwater SVOCs – Laboratory Analytical Results

Concentrations of SVOCs above the NYSDEC Groundwater Standards were detected in a sample as follows:

- sample 1-A, Phenanthrene 82 ppb, Pyrene 60 ppb, Napthalene 1,700 ppb and Acenapthene 20 ppb.

Concentrations of SVOCs below the NYSDEC Groundwater Standards were detected in a sample as follows:

- sample 1-A, Fluorene 19 ppb and Fluoranthene 34 ppb.

2-Methylnapthalene was detected in sample 1-A (720 ppb), however, a NYSDEC Groundwater Standards is not included in the TAGM 4046.

Concentrations of all other SVOC analytes for sample 1-S were reported as non-detect or as an estimated value.

Concentrations of all SVOC analytes for sample 3-S, 5-S, 7-S and 8-S were reported as non-detect or as an estimated value.

A Summary Table of SVOCs Detected in Groundwater Samples is provided in Appendix H.

10.4.7 Groundwater Priority Pollutant Metals (PPMs) – Laboratory Analytical Results

Groundwater samples (1-A and 5-A) from Geoprobe locations GP-1 and GP-5 only were analyzed for PPMs. Analytical data fro PPMs in groundwater provides an indication of the possible effects of historic uses upon groundwater quality.

Concentrations of PPMs were detected in samples as follows:

- sample 1-A, Arsenic 36.8 ppb, Chromium 52.6 ppb, Copper 218 ppb, Lead 481 ppb, and Nickel 117 ppb,
- sample 5-A, Arsenic 66.0 ppb, Berryllium 14.9 ppb, Cadmiun 7.19 ppb, Chromium 427 parts ppb, Copper 328 ppb, Lead 4,140 ppb, Nickel 408 ppb and Zinc 4,250 ppb.

Concentrations of PPM below the NYSDEC Groundwater Standards were detected in a sample as follows:

- sample 1-A, Zinc 269 ppb

Concentrations of all other PPM analytes for sample 1-S and 5-S were reported as non-detect.

11.0 EVALUATION OF ANALYTICAL RESULTS

- Boring GP-1 - Soil and groundwater samples indicate the presence of residual petroleum hydrocarbon contamination. The evaluation is based on the presence of VOCs and SVOCs in the soil and VOCs in the groundwater as well as PID measurements and field observations. Boring GP-1 is located immediately east (hydrogeologically downgradient) of the former UST removal excavation. These findings may relate to the presence of the former petroleum fuel USTs. The presence of an offsite source should not be ruled out.

- Boring GP-3 - Groundwater samples indicate the presence of residual petroleum hydrocarbon contamination. The evaluation is based on the presence of VOCs in the groundwater as well as PID measurements. Boring GP-3 is located farther east (hydrogeologically downgradient) of the former UST removal excavation. These findings may relate to the presence of the former petroleum fuel USTs. Soil samples for boring GP-3 indicate the presence of elevated PPMs. Boring GP-3 is located adjacent to the Gowanus Canal. These findings may also relate to the presence of former coal related operations.

- Boring GP-5 – Soil Samples indicate the presence of SVOCs and PPMs in the soil and slight VOCs in the groundwater. This is confirmed by PID measurements. Boring GP-5 is located at the site of the former coal pocket. These findings may relate to the presence of former coal related operations.

- Boring GP-7 – Soil and groundwater samples well as PID measurements and field observations indicate no remarkable findings. Boring GP-7 is located in the middle of the yard east of the garages.

- Boring GP-8 - Groundwater samples indicate the presence of residual petroleum hydrocarbon contamination. The evaluation is based on the presence of VOCs in the groundwater as well as PID measurements and field observations. Boring GP-8 is located immediately east (hydrogeologically downgradient) of the active gasoline UST and dispenser located inside the warehouse. These findings may relate to the presence of the UST or dispenser. The presence of an offsite source should not be ruled out.

12.0 CONCLUSIONS AND REMCOMMENDATIONS

The following recommendations and conclusions should be considered to further define the environmental quality of the subject property.

12.1 Conclusions - Phase I ESA

Based on the results of the walk-through inspection and review of agency records available at the time of this writing, Galli Engineering, P.C. concludes the following:

No additional activities are required at this time to complete the Phase I investigation. However, we have not received all of the records on file with the local, state and federal agencies. This information may present a recognizable environmental condition thereby possibly changing the conclusions of this Phase I Assessment. When available, such information will be reported to Gowanus, LLC by Galli Engineering.

Sackett Street Terminal – Block 431

The battery of large aboveground tanks appear to be well maintained via cathodic protection and tested via tracer mehtods. The tracer testing indicated no leaks within the tank battery. Significantly, the three groundwater monitoring wells adjacent to the tank battery indicate no impacts to groundwater.

A visual inspection of the fuel loading racks indicated that they are well maintained and operated. No fuel spill stains were observed in this area.

A visual inspection of the equipment used for offloading barges indicated that it is well maintained and operated. Spill containment equipment is installed beneath the connections between the barges and the facility. No fuel spill stains were observed in this area.

Spill containment equipment is installed at the east end of Sackett Street at the bank of the canal (should a spill occur on the street or at the loading racks). No fuel spill stains were observed in this area.

The current use of the warehouse represents a low potential for environmental contamination. The active gasoline UST and dispenser within the warehouse appear to be well maintained via cathodic protection and monitored via in tank leak detection. A visual inspection of the above ground fuel oil tanks indicated that they are well maintained. No fuel spill stains were observed in these areas. No storage of possible contaminants and no poor house keeping issues were observed.

Surrounding properties were visually inspected. Some current uses may result in contamination to soil and groundwater. Vehicle maintenance and repair garages were observed on the westerly portion of Block 431. These garages have existed for at least 50 years and appeared to be poorly maintained and showed signs of poor waste handling practices. A suspected UST was encountered during previous well installation drilling (refer to the Site Plan). The UST is believed to be located partially under the Bayside property and partially under the adjacent property. Several

possible UST or AST vents were observed to extend above the southeast portion of the roof adjacent to the driveway. Possible associated tanks may impact the Bayside property.

Additional surrounding uses may result in contamination to soil and groundwater. A large manufacturing building located on the south side of Union Street appeared to include facilities for the handling of numerous chemicals.

Bond Street Garage – Block 424

The former UST removal excavation located in the northwest portion of Block 431 is the prominent issue identified in the Phase I study. Apparently, insufficient soil was excavated during UST closure / removal work in order to fully remediate the contaminated soil. The UST Closure Report recommends that additional investigation and remediation of impacts to soil and groundwater be conducted. However, this work has not been done.

The current use of the garage building represents a low potential for environmental contamination due to the high standards of waste handling being practiced. Minor motor oil spill stains were observed in this area, however large supplies of Quick Dry were present and were being used to clean the spills. No storage of possible contaminants (except used motor oil) and no poor house keeping issues were observed.

Past uses of Block 424 that represent possible sources of soil and groundwater contamination included vehicle repair shops that existed along the Bond Street side for many decades.

Surrounding properties were visually inspected. Some current uses may result in contamination to soil and groundwater. A large manufacturing building located on the north side of Degraw Street appeared to include facilities for the handling of numerous chemicals.

12.2 Recommended Activities - Phase I ESA

Galli Engineering, P.C. has no recommendations at this time.

12.3 Conclusions - Phase II ESA

The Phase II investigation indicates two significant issues.

- possible soil and groundwater contamination between the excavation of the former UST and the canal in Block 424, and
- possible soil and groundwater contamination in the area of the former Coal Pocket facility area in the southeast corner of Block 424.

The Phase II field investigation was limited by the following site conditions:

- lack of access to obtain soil and groundwater samples from beneath the tank battery in Block 431,
- lack of access to obtain soil and groundwater samples from beneath the fuel oil loading dock in Block 431,
- lack of access to obtain soil and groundwater samples from beneath the warehouse due to it's current use in Block 431,
- lack of access to obtain soil and groundwater samples from beneath the current truck repair garages in Block 424, and
- lack of access to obtain soil and groundwater samples from more numerous locations due to the presence of fill debris causing drilling refusal in several instances throughout Block 424.

12.4 Recommended Activities - Phase II ESA

Galli Engineering, P.C. has the following recommendations at this time:

- A Remedial Action Plan (RAP) needs to be prepared and submitted to the NYSDEC. The purpose of the RAP will be to describe measures to be taken to more completely describe and delimit the affected areas, and to remediate them. The RAP will be designed to address the cleanup of the site with the specific goal of providing enough documentation that the two spill numbers can be permanently closed. The RAP will take into account the proposed use of the property and construction plans to the extent possible. The RAP could include additional boring and sampling, soil removal, encapsulation, etc.

13.0 LIMITATIONS

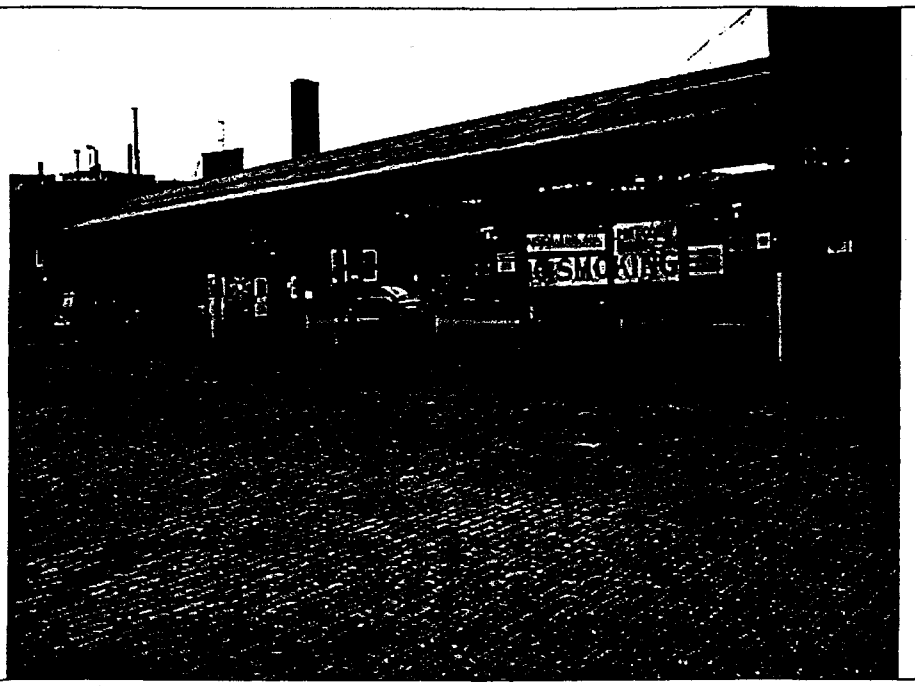
The purpose of this investigation was to identify potential sources of contamination at the property and to satisfy all-appropriate inquiry standard set forth in Section 9601 (35-b) of CERCLA. The findings and conclusions set forth in this report are based upon information that was available to Galli Engineering, P.C. during its inspection of the property, and after review of selected records and documents. If new information becomes available concerning the property after this date, or if the property is used in a manner other than that which is identified in this report, the findings and conclusions contained herein may have to be modified. Additionally, while this investigation was performed in accordance with good commercial and customary practice and generally accepted protocols within the consulting industry, Galli Engineering, P.C. cannot guarantee that the property is completely free of hazardous substances or other materials or conditions that could subject Gowanus Canal, LLC with potential liability. The presence or absence of any such condition can only be confirmed through the collection and analysis of soil and groundwater samples, which was beyond the scope of this investigation.

Future events and/or investigation could change the findings stated herein. Should additional investigations encounter differing conditions, sections of this report may require modification.

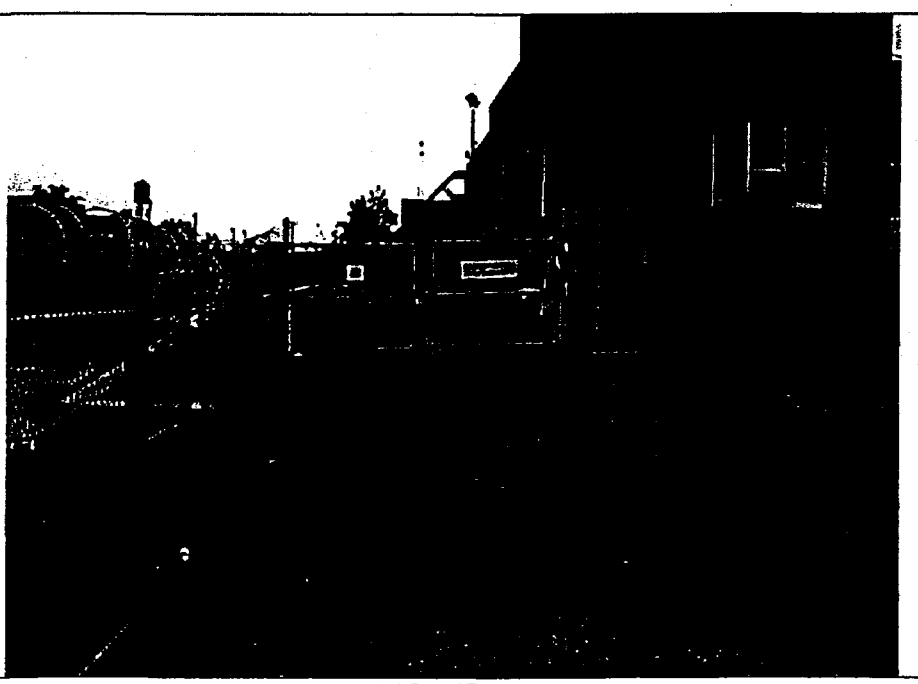
GALLI ENGINEERING, P.C.

APPENDIX A

PICTURES



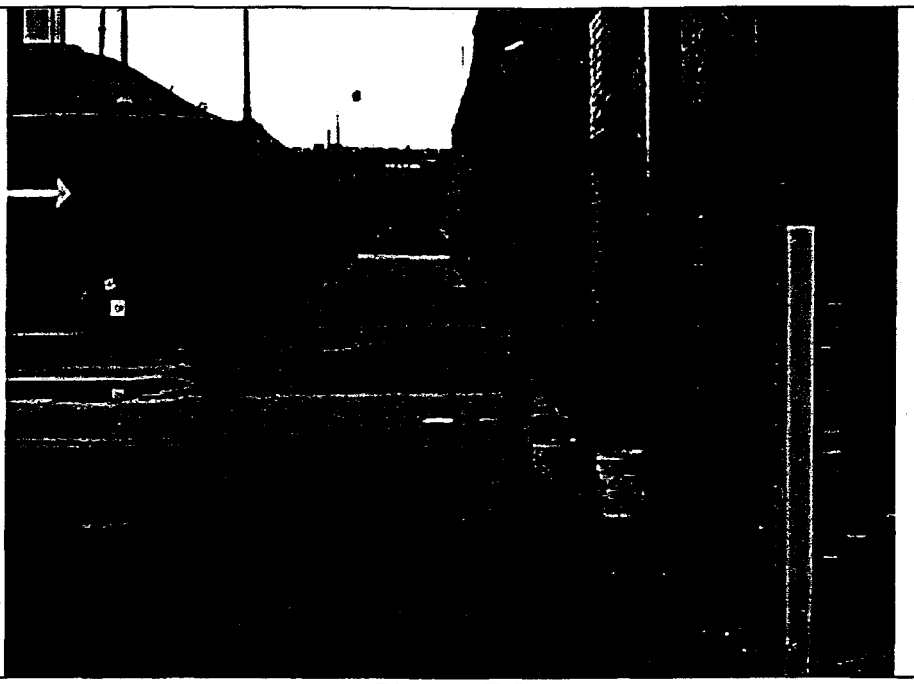
PICTURE 1
COVERED FUEL OIL LOADING BAYS



PICTURE 2
SECURED FUEL LOADING DOCK

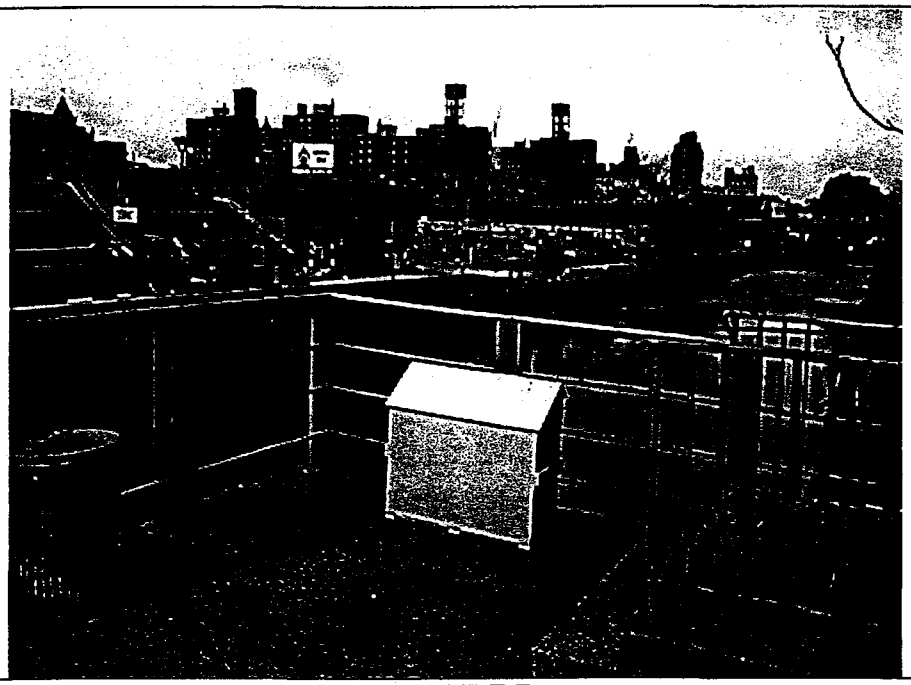
PICTURE 3
CONCRETE RETAINING WALL FOR COMPARTMENTED ASTs

PICTURE 4
COVERED FUEL OIL LOADING BAYS

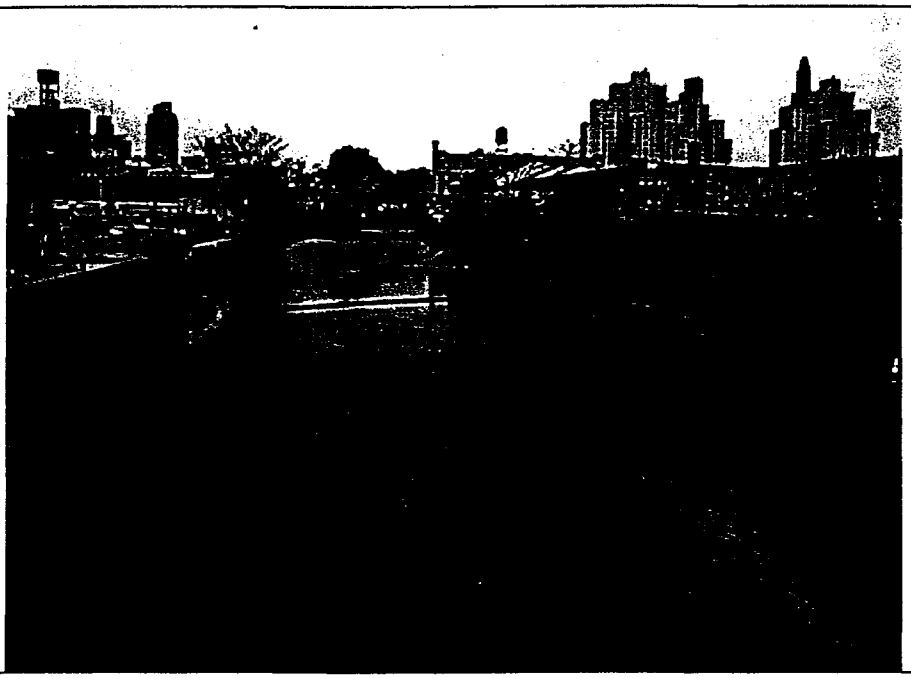


PICTURE 5
DRIVEWAY TO SOUTH, RETAINING WALL LEFT, WAREHOUSE RIGHT

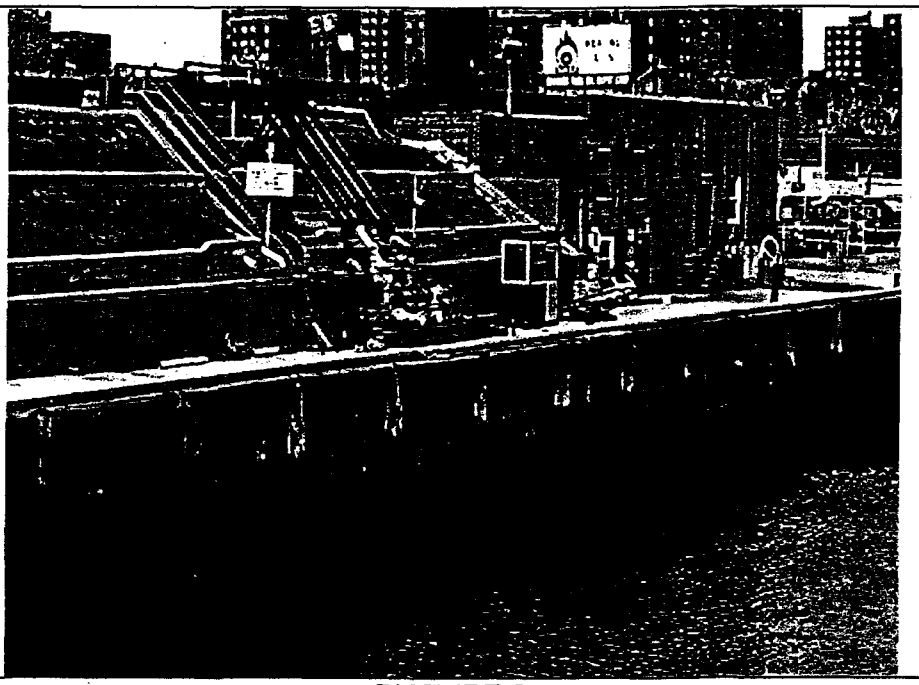
PICTURE 6
ACROSS GOWANUS CANAL TO DOCK AND ASTs



PICTURE 7
ACROSS CANAL TO DOCK, ASTs AND OFFICE

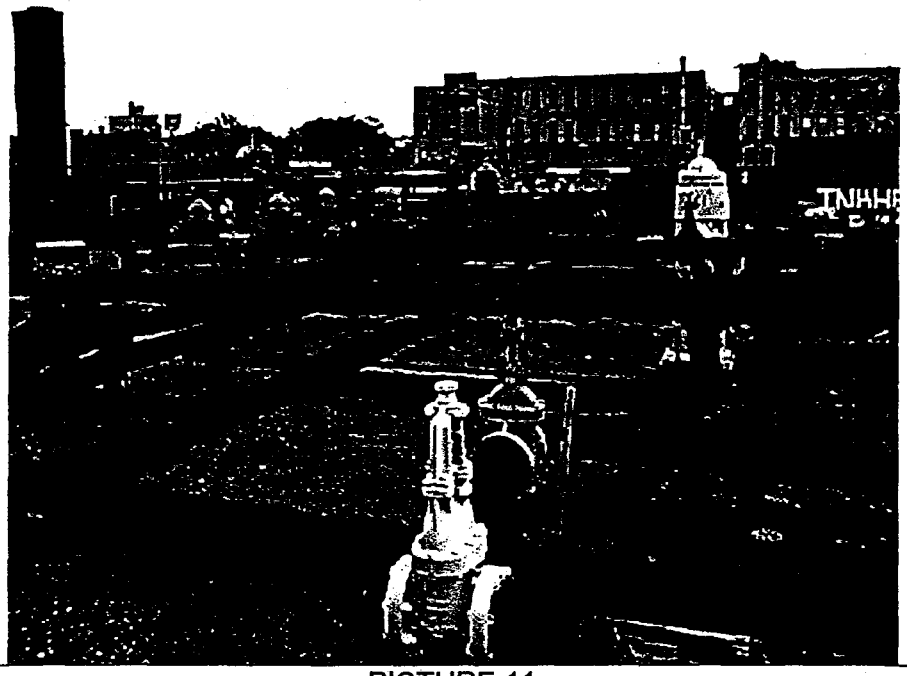


PICTURE 8
GOWANUS CANAL LOOKING NORTH

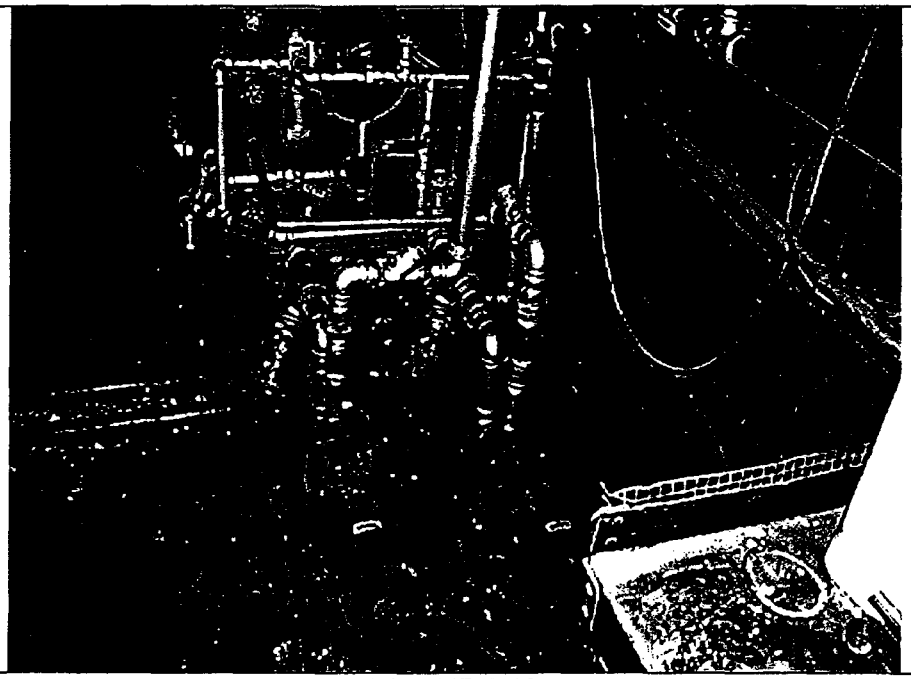


PICTURE 9
FUEL TRANSMISSION LINES FOR ASTs

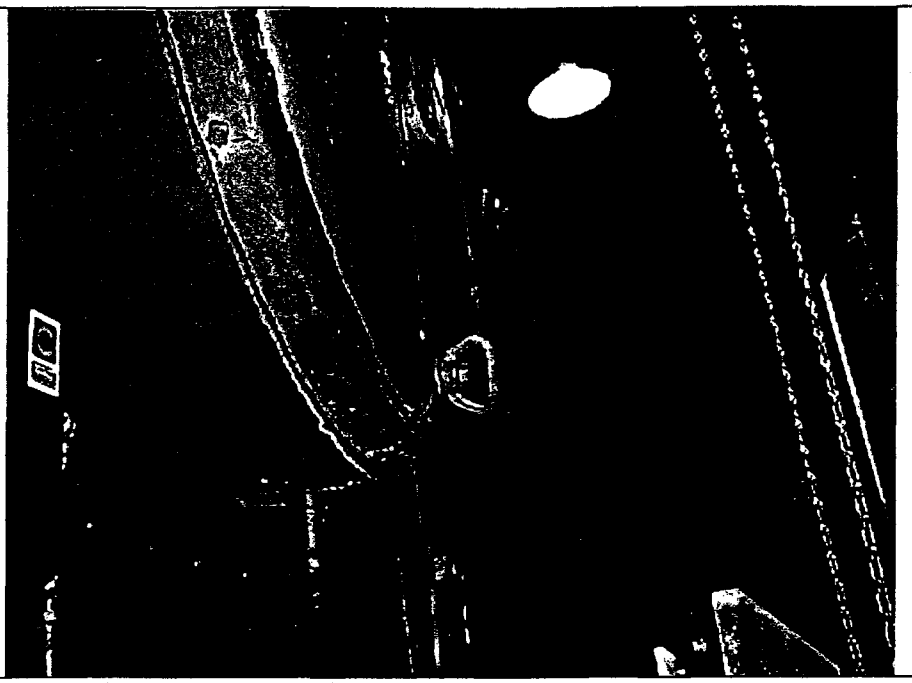
PICTURE 10
ON TOP OF ASTs, FUEL TRAMSMISSION LINES



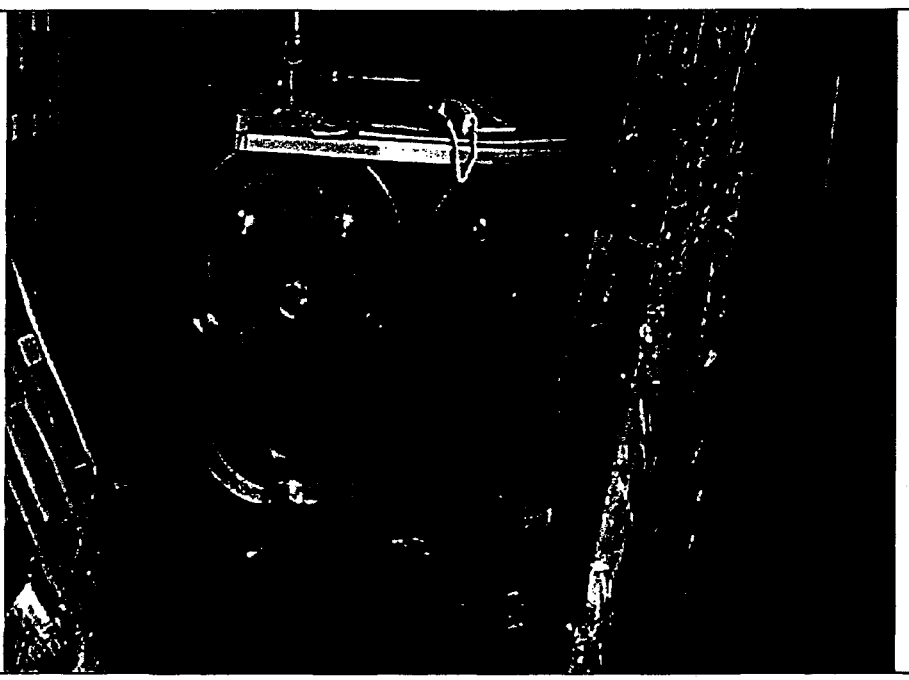
PICTURE 11
ON TOP OF ASTs, FUEL TRAMSMISSION LINES



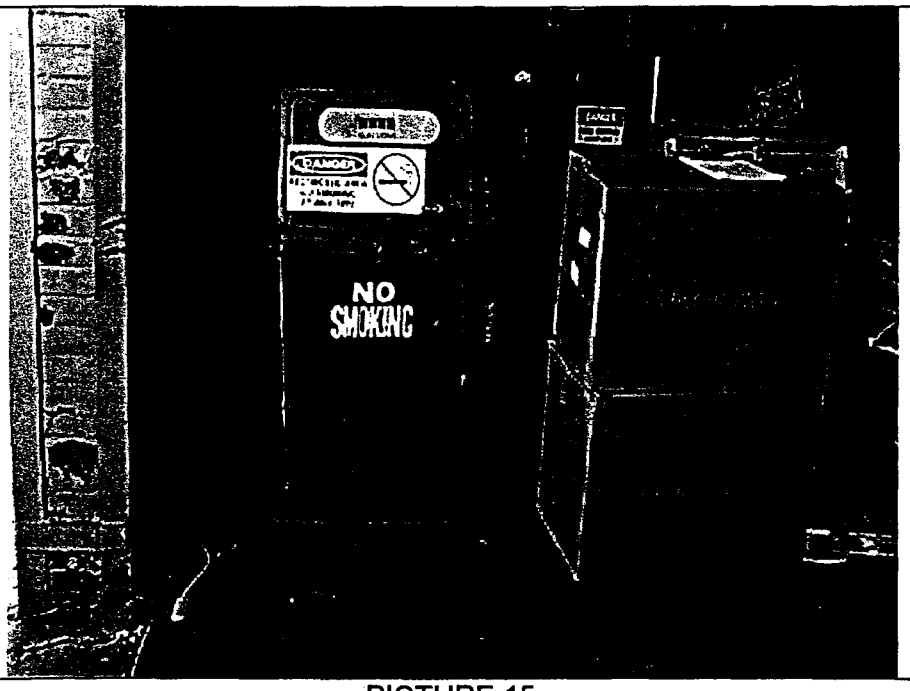
PICTURE 12
ON TOP OF ASTs, FUEL TRAMSMISSION LINES



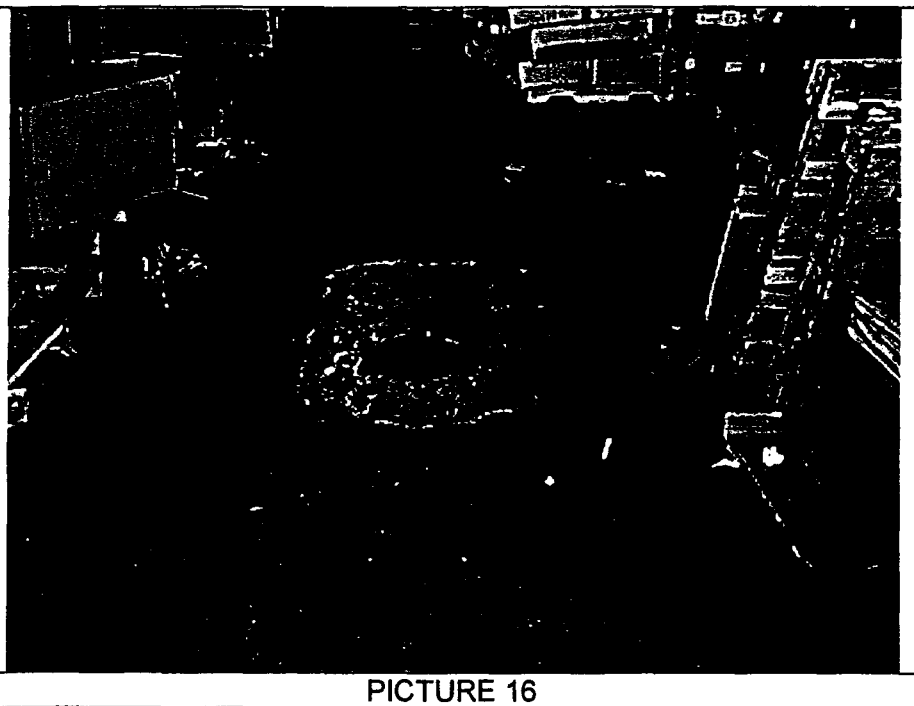
PICTURE 13
BOILER ROOM



PICTURE 14
FUEL OIL ASTs IN WAREHOUSE

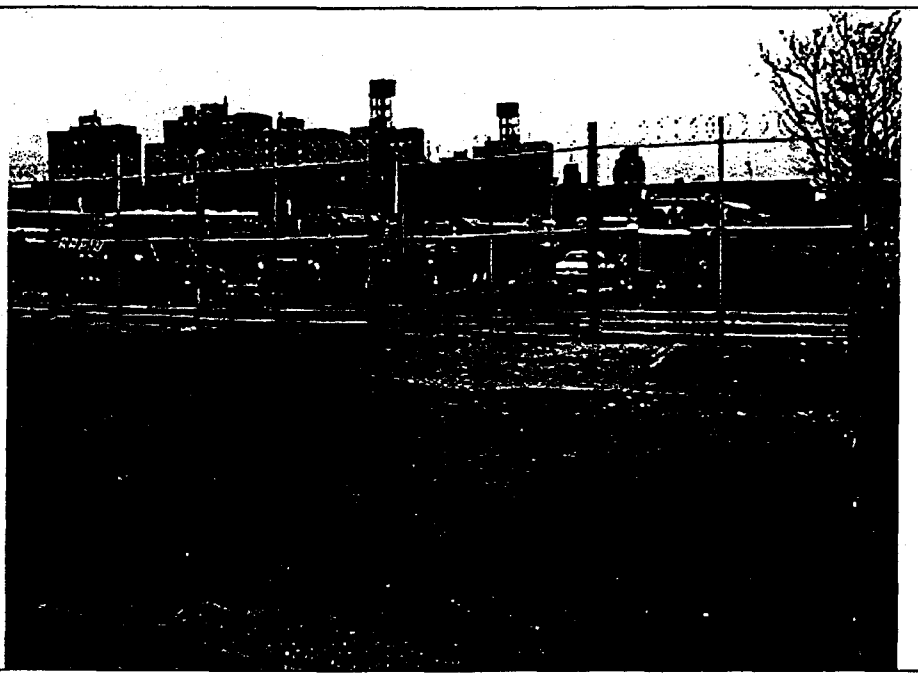


PICTURE 15
GASOLINE DISPENSER IN WAREHOUSE

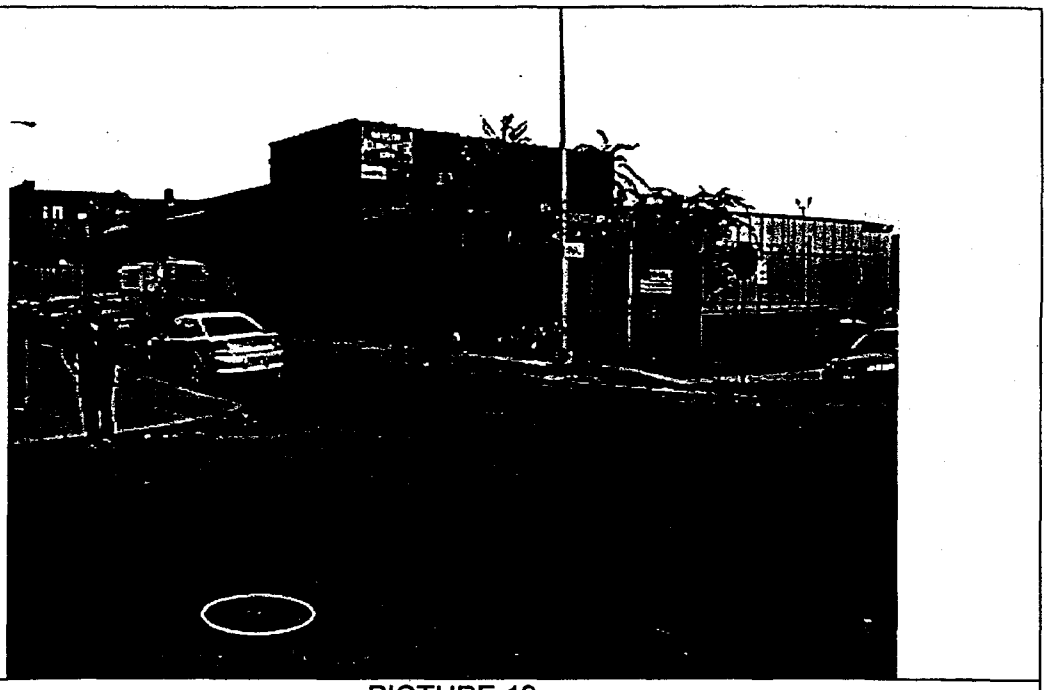


PICTURE 16
GASOLINE UST IN WAREHOUSE

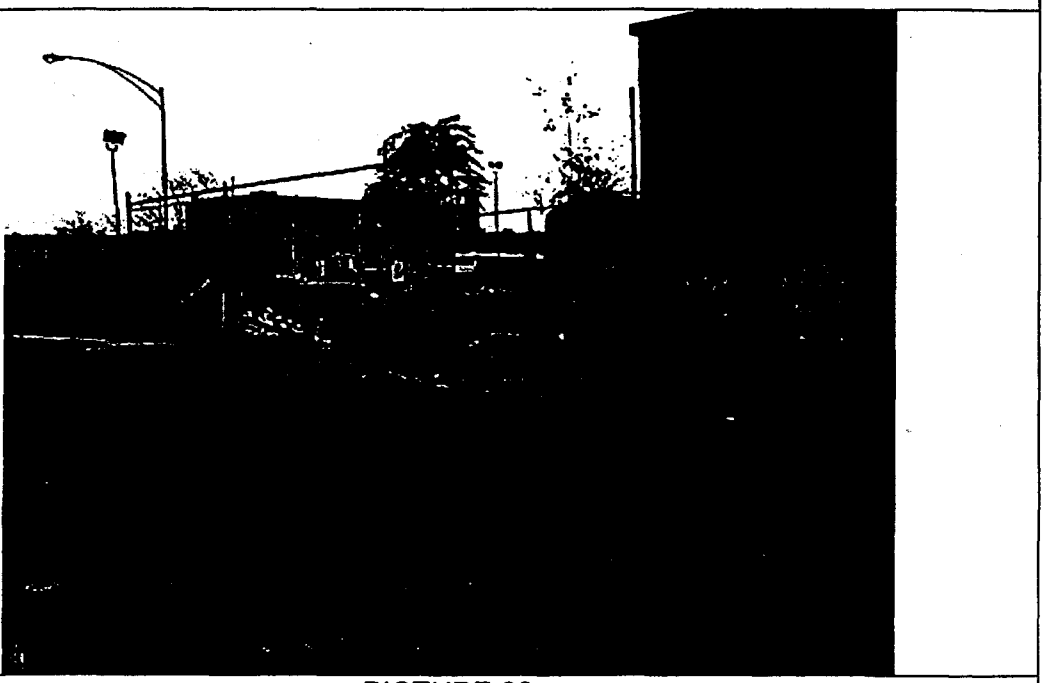
PICTURE 17
FLOOR DRAIN IN WAREHOUSE



PICTURE 18
FORMER COAL POCKET AREA



PICTURE 19
WEST SIDE OF TRUCK REPAIR GARAGES



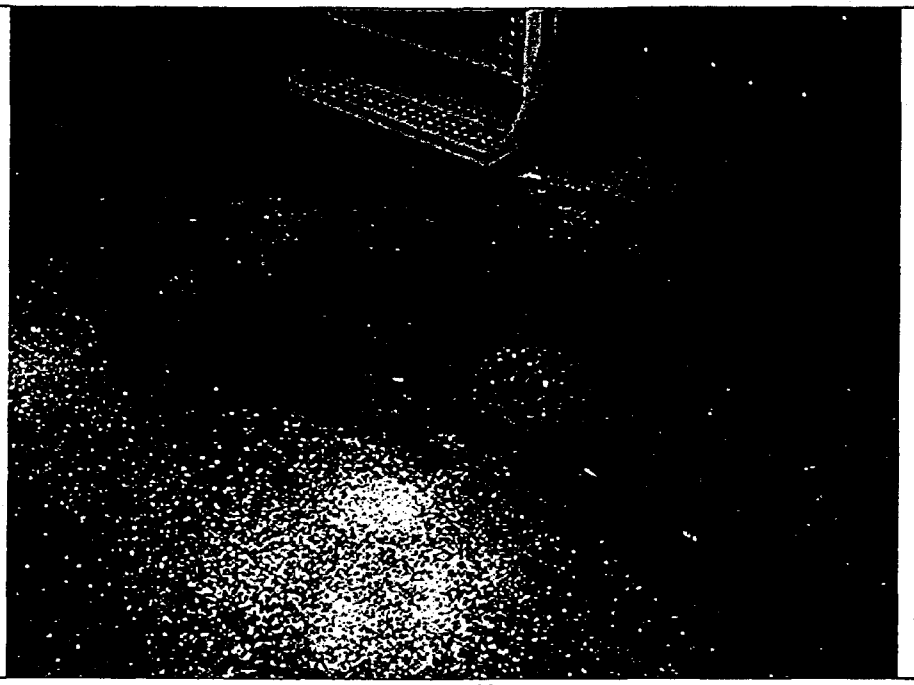
PICTURE 20
DEGRAW STREET ENTRANCE TO BLOCK 424

PICTURE 21
EAST SIDE OF TRUCK REPAIR GARAGES

PICTURE 22
TRUCK PARKING AREA, BLOCK 424

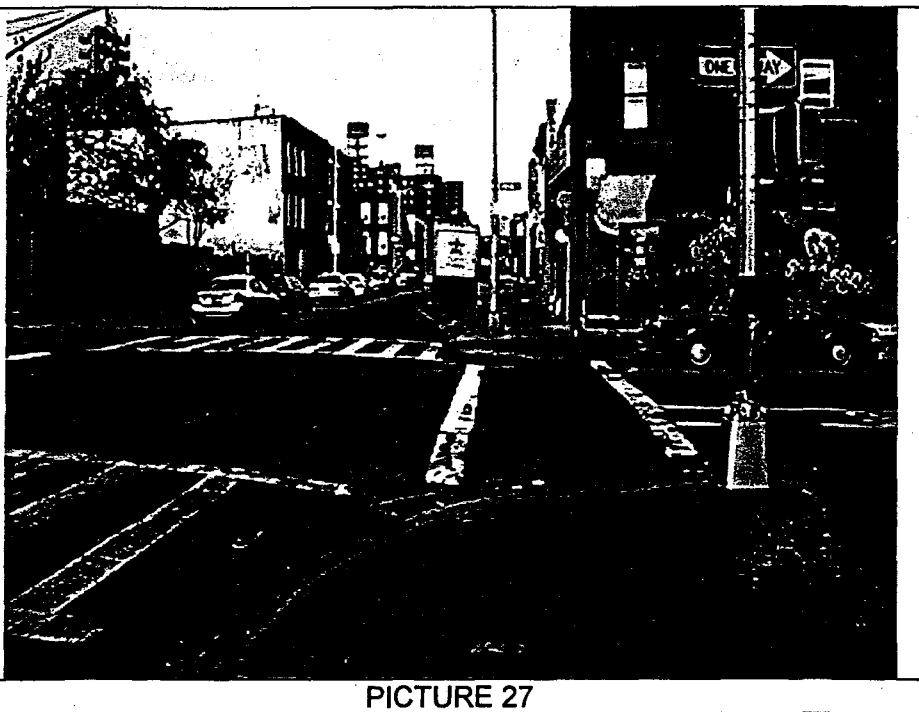
PICTURE 23
TRUCK REPAIR GARAGE

PICTURE 24
TRUCK REPAIR GARAGE

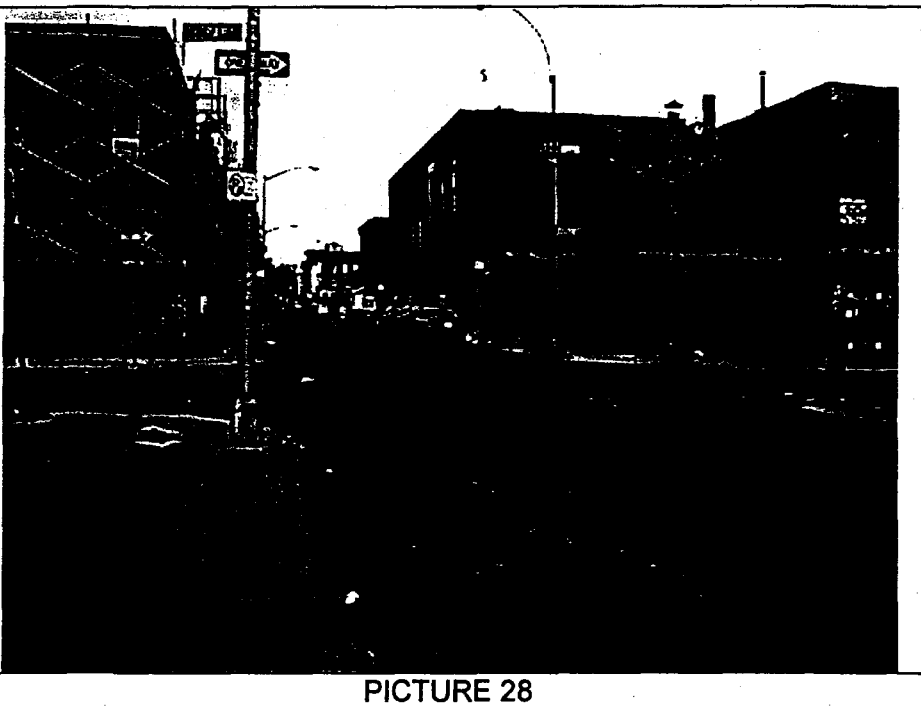


PICTURE 25
FLOOR DRAIN IN TRUCK REPAIR GARAGE

PICTURE 26
SURROUNDING PROPERTY, SOUTHWEST PORTION OF BLOCK 431

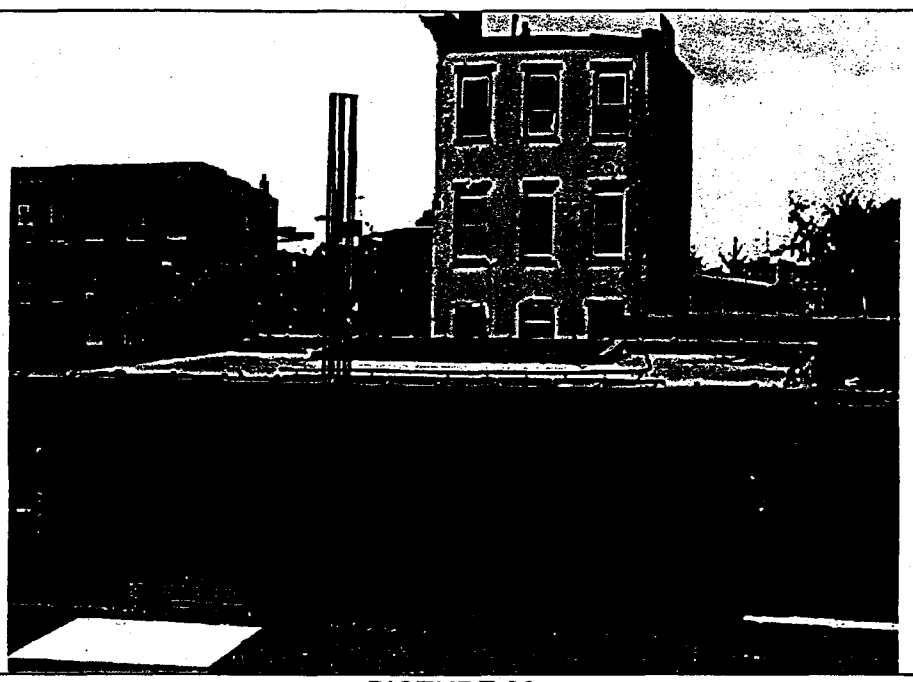


PICTURE 27
SURROUNDING PROPERTY, ON BOND STREET



PICTURE 28
SURROUNDING PROPERTY, ON BOND STREET

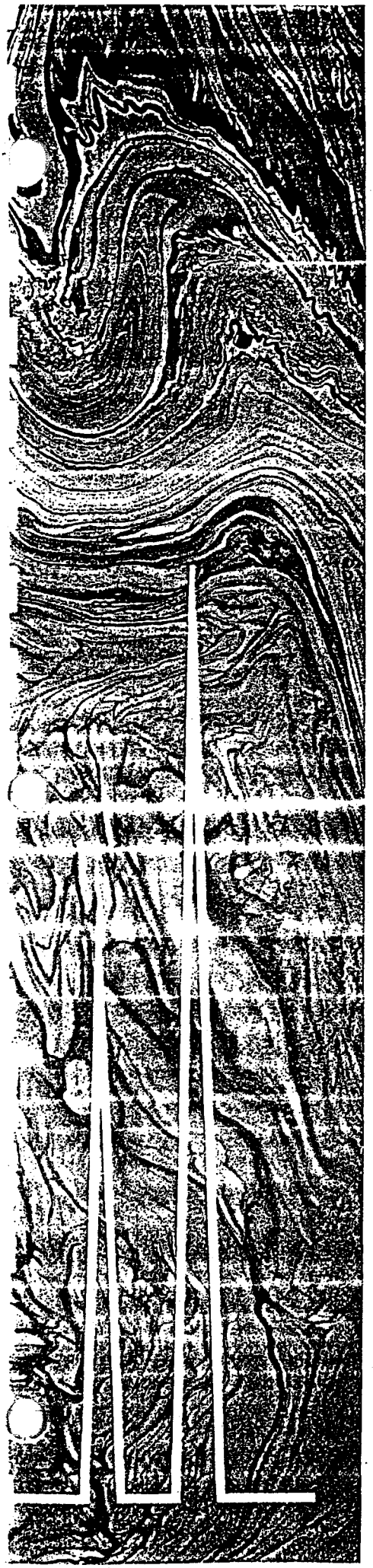
PICTURE 29
SURROUNDING PROPERTY, NORTH OF BLOCK 424



PICTURE 30
SURROUNDING PROPERTY, SOUTHWEST PORTION OF BLOCK 431

APPENDIX B

CATHODIC PROTECTION SYSTEM SURVEY AND TANK TIGHTNESS TESTING DOCUMENTS



Tracer Research Corporation

Tracer Research
Corporation

Prepared for:

Bayside Fuel Oil Depot
1776 Shore Parkway
Brooklyn, NY 11214

Telephone: 718 732 9800
Facsimile: 718 266 3744
Attn: Scott Vitello

Tracer Tight®
Leak Detection Test of Fuel Oil Storage Tanks

Bayside Fuel Oil
Sacket Street Facility
TANKS A, B, C, D & E

21 August – 20 September 2001

Prepared by:

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Submitted by:

Ben Duncan
TRACER RESEARCH CORPORATION 36299G

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2.0 Tracer Tight® Concept 1

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Appendix A: Tank Certification

Appendix B: Analytical Data

Appendix C: Map of Storage Tanks with Sampling Locations

1.0 Sacket Street Facility Leak Testing

Tracer Research Corporation performed *Tracer Tight*® tightness testing on fuel oil storage tanks A, B, C, D and E at Bayside Fuel Oil Depot's Sacket Street Facility located at 510 Sacket Street in Brooklyn, New York between 21 August and 20 September 2001.

On 21 August 2001, Tracer D was injected into Tanks A, C and E, Tracer A into Tank B, and Tracer R into Tank D. Tracers were injected into each tank through a gauging hatch on the roof.

2.0 *Tracer Tight*® Concept

Tracer Tight® testing is a patented process performed by mixing a volatile chemical concentrate, a tracer, with the product inside a tank or pipeline followed by the detection of tracer, underground, in the vapor phase. The tracer is added to the product at very low concentrations. The tracer has no impact on the chemical or physical properties of the product. The tracer chemical, being highly volatile, distributes itself throughout the product in the tank or pipeline as well as into the vapor space above the product.

If a tank or pipeline leaks, the tracer is released into the soil and disperses in all directions through the air porosity of the soil by molecular diffusion. After the tracer has had time to diffuse and migrate away from the leak, soil gas samples are collected from the area surrounding the tank or pipeline. Leak detection monitoring system probes are placed in the back-fill adjacent to the tank or pipeline to collect the tracer vapors that might appear in the soil if there is a leak. The probes are driven into the ground and a small amount of soil gas is pulled by vacuum through each probe. Samples of this soil gas are collected and analyzed for the presence of tracer and hydrocarbons.

3.0 System Installation

The leak detection monitoring system for Tanks A, B, C, D and E is made up of vertical galvanized steel probes placed in the moat sand around the tank farm. Pneumatic and hand pounding tools were used to sink the probes to depths of 4meters and 2meters below the top surface of the tank structure. Each probe is fitted with a brass and PVC *Tracer Tight*® probe cap designed by Tracer Research to remain permanently onsite for future testing.

The leak detection monitoring system was previously installed in the moat area around the tank farm at the Sacket Street facility. During this year's testing, some original probes could not be located. Probe numbers 36, 37, 38 and 39 were re-installed on 22 August 2001. After installation, vacuum measurements were taken from each probe to check soil permeability.

4.0 Leak Simulation

Tracer Tight® probe # 21 was used as a leak simulation probe. Immediately prior to tank inoculation, a small quantity of Tracer C, different from the tracers in the tanks, was injected into the soil at the bottom of the leak simulation probe. This tracer was used to simulate the migration and detection of a test tracer leaking from the bottom of the tank during the test. The information obtained from this simulation was used to confirm proper system design and sufficient soil permeability.

5.0 Results

Tanks A, B, C, D and E were *Tracer Tight®* leak tested. Background samples were collected from the leak detection monitoring system before the test began on 21 August 2001. Inoculation of the leak simulation probe and the tank occurred on the same day. Samples were collected in dedicated vacuum canisters from the probes adjacent to the tanks 1week and 4weeks after inoculation. All samples were analyzed at the Tracer Research Corporation laboratory in Tucson, Arizona.

Based upon the results of the sample analyses, Tanks A, B, C, D and E all **PASSED** the *Tracer Tight®* leak testing. Certification is in Appendix A.

The criteria for passing these tanks was based on the absence of tracer detected above a threshold value of 0.1 µg/L. Failure of the *Tracer Tight®* leak test requires the confirmed presence of tracer concentrations above the threshold.

Vacuum readings observed during sampling indicated that soil porosity was sufficient for tracer migration and the detection of possible leaks.

The data for the *Tracer Tight®* tests are presented in Appendix B. A Map depicting the locations of sample collection can be found in Appendix C.

APPENDIX A: Tank Certification

Tracer Research
Corporation

Tracer Tight® Leak Detection Certification

15 March 2002

Fac: Sacket

Job: 36299G Sacket

Bayside Fuel Oil, Sacket Street Facility
510 Sacket Street, Brooklyn, NY

Source: DataTrace 2.0

System:	*Volume (gal):*	*Product:*	*Tracer:*	*Status:*
Tank A	500,000	#2 Fuel Oil	D	Passed
Tank B	400,000	#2 Fuel Oil	A	Passed
Tank C	300,000	Diesel Fuel	D	Passed
Tank D	200,000	Kerosene	R	Passed
Tank E	100,000	#2 Fuel Oil	D	Passed

Tracer Research Corporation hereby certifies that the above listed system(s) have been tested by means of *Tracer Tight®*

Submitted By: Ben Duncan

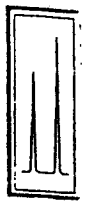
Project Manager

Date: 03-15-2002

Pass Criteria: No Tracer Detected above failing threshold level (0.1ug/L)

Fail Criteria: Confirmed Tracer Detected above failing threshold level

Certification Pages: Bayside Sacket St (36299G) *Appendix A*



APPENDIX B: Data Report

Tracer Research
Tracer Research Corporation
1583 Livingston Ave, Unit 6
North Brunswick NJ 08902

Bayside Fuel Oil, Sacket St Facility
Tanks A, B, C, D & E
Background Data - 21 August 2001

Probe #	Depth meters	Tank B Tracer A ug/L	Simulation Tracer C ug/L	Tanks A,C&E Tracer D ug/L	Tank D Tracer R ug/L	Hydrocarbons TVHC ug/L
1	4	0.0000	0.0000	0.0000	0.0000	0.0000
2	2	0.0000	0.0000	0.0000	0.0000	0.0000
3	4	0.0000	0.0000	0.0000	0.0000	0.0000
4	2	0.0000	0.0000	0.0000	0.0000	0.0000
5	4	0.0000	0.0000	0.0000	0.0000	0.0000
6	2	0.0000	0.0446	0.0000	0.0000	0.0000
7	4	0.0000	0.0000	0.0000	0.0000	0.0000
8	2	0.0000	0.0000	0.0000	0.0000	0.0000
9	4	0.0000	0.0000	0.0000	0.0000	0.0000
10	2	0.0000	0.0000	0.0000	0.0000	0.0000
11	4	0.0000	0.0000	0.0000	0.0000	0.0000
12	2	0.0000	0.0000	0.0000	0.0000	0.0000
13	4	0.0000	0.0000	0.0000	0.0000	0.0000
14	2	0.0000	0.0000	0.0000	0.0000	0.0000
15	4	0.0000	0.0000	0.0000	0.0000	0.0000
16	2	0.0000	0.0000	0.0000	0.0000	0.0000
17	4	0.0000	0.0000	0.0000	0.0000	0.0000
18	2	0.0000	0.0000	0.0000	0.0000	0.0000
19	4	0.0000	0.0000	0.0000	0.0000	0.0000
20	2	0.0000	0.0000	0.0000	0.0000	0.0000
21	4	0.0000	0.0000	0.0000	0.0000	0.0000
22	2	0.0000	0.0000	0.0000	0.0000	0.0000
23	4	0.0000	0.0000	0.0000	0.0000	0.0000
24	2	0.0000	0.0000	0.0000	0.0000	0.0000
25	4	0.0000	0.0000	0.0000	0.0000	0.0000
26	2	0.0000	0.0000	0.0000	0.0000	0.0000
27	4	0.0000	0.0000	0.0000	0.0000	0.0000
28	2	0.0000	0.0000	0.0000	0.0000	0.0000
29	4	0.0000	0.0000	0.0000	0.0000	0.0000
30	2	0.0000	0.0000	0.0000	0.0000	0.0000
31	4	0.0000	0.0000	0.0000	0.0000	3.9340
32	2	0.0000	0.0000	0.0000	0.0000	0.0000
33	4	0.0000	0.0000	0.0000	0.0000	0.0000
34	2	0.0000	0.0000	0.0000	0.0000	0.0000
35	4	0.0000	0.0000	0.0000	0.0000	0.0000
36	2	0.0000	0.0000	0.0000	0.0974	0.0000
37	4	0.0000	0.0000	0.0000	0.1796	0.7730
38	2	0.0000	0.0000	0.0000	0.1818	0.0000
39	4	0.0000	0.0000	0.0000	0.0000	0.0000
40	2	0.0000	0.0000	0.0000	0.0000	0.0000
41	4	0.0000	0.0000	0.0000	0.0000	0.0000
42	2	0.0000	0.0000	0.0000	0.0000	0.0000
43	4	0.0000	0.0000	0.0000	0.0000	0.0000
44	2	0.0000	0.0000	0.0000	0.0000	0.0000

*** TVHC = Total Volatile Hydrocarbons

Tracer Research
Tracer Research Corporation
1583 Livingston Ave, Unit 6
North Brunswick, NJ 08902

Bayside Fuel Oil, Sacket St Facility
Tanks A, B, C, D & E
1week Data - 29 August 2001

Probe #	Depth meters	Tank B Tracer A ug/L	Simulation Tracer C ug/L	Tanks A,C&E Tracer D ug/L	Tank D Tracer R ug/L	Hydrocarbons TVHC ug/L
1	4	0.0000	0.0000	0.0000	0.0000	0.0000
2	2	0.0000	0.0000	0.0000	0.0000	0.0000
3	4	0.0000	0.0000	0.0000	0.0000	0.0000
4	2	0.0000	0.0000	0.0000	0.0000	0.0000
5	4	0.0000	0.0000	0.0000	0.0000	0.0000
6	2	0.0000	0.0426	0.0000	0.0000	0.0000
7	4	0.0000	0.0000	0.0000	0.0000	0.0000
8	2	0.0000	0.0000	0.0000	0.0000	0.0000
9	4	0.0000	0.0000	0.0000	0.0000	0.0000
10	2	0.0000	0.0000	0.0000	0.0000	0.0000
11	4	0.0000	0.0000	0.0000	0.0000	0.0000
12	2	0.0000	0.0000	0.0000	0.0000	0.0000
13	4	0.0000	0.0000	0.0000	0.0000	0.0000
14	2	0.0000	0.0000	0.0000	0.0000	0.0000
15	4	0.0000	0.0000	0.0000	0.0000	0.0000
16	2	0.0000	0.0000	0.0000	0.0000	0.0000
17	4	0.0000	0.0000	0.0000	0.0000	0.0000
18	2	0.0000	0.0000	0.0000	0.0000	0.0000
19	4	0.0000	0.0000	0.0000	0.0000	0.0000
20	2	0.0000	0.0000	0.0000	0.0000	0.0000
21	4	0.0000	8.5855	0.0000	0.0000	0.0000
22	2	0.0000	0.5050	0.0000	0.0000	0.0000
23	4	0.0000	0.0000	0.0000	0.0000	0.0000
24	2	0.0000	0.0000	0.0000	0.0000	0.0000
25	4	0.0000	0.0000	0.0000	0.0000	0.0000
26	2	0.0000	0.0000	0.0000	0.0000	0.0000
27	4	0.0000	0.0000	0.0000	0.0000	0.0000
28	2	0.0000	0.0000	0.0000	0.0000	0.0000
29	4	0.0000	0.0000	0.0000	0.0000	0.0000
30	2	0.0000	0.0000	0.0000	0.0000	0.0000
31	4	0.0000	0.0000	0.0000	0.0000	0.0000
32	2	0.0000	0.0000	0.0000	0.0000	0.0000
33	4	0.0000	0.0000	0.0000	0.0000	0.0000
34	2	0.0000	0.0000	0.0000	0.0000	0.0000
35	4	0.0000	0.0000	0.0000	0.0000	0.0000
36	2	0.0000	0.0000	0.0000	0.0000	0.0000
37	4	0.0000	0.0000	0.0000	0.0000	0.0000
38	2	0.0000	0.0000	0.0000	0.0000	0.0000
39	4	0.0000	0.0000	0.0000	0.0000	0.0000
40	2	0.0000	0.0000	0.0000	0.0000	0.0000
41	4	0.0000	0.0000	0.0000	0.0000	0.0000
42	2	0.0000	0.0000	0.0000	0.0000	0.0000
43	4	0.0000	0.0000	0.0000	0.0000	0.0000
44	2	0.0000	0.0000	0.0000	0.0000	0.0000

*** TVHC = Total Volatile Hydrocarbons

Tracer Research
Tracer Research Corporation
1583 Livingston Ave, Unit 6
North Brunswick, NJ 08902

Bayside Fuel Oil, Sacket St Facility
Tanks A, B, C, D & E
4week Data - 20 September 2001

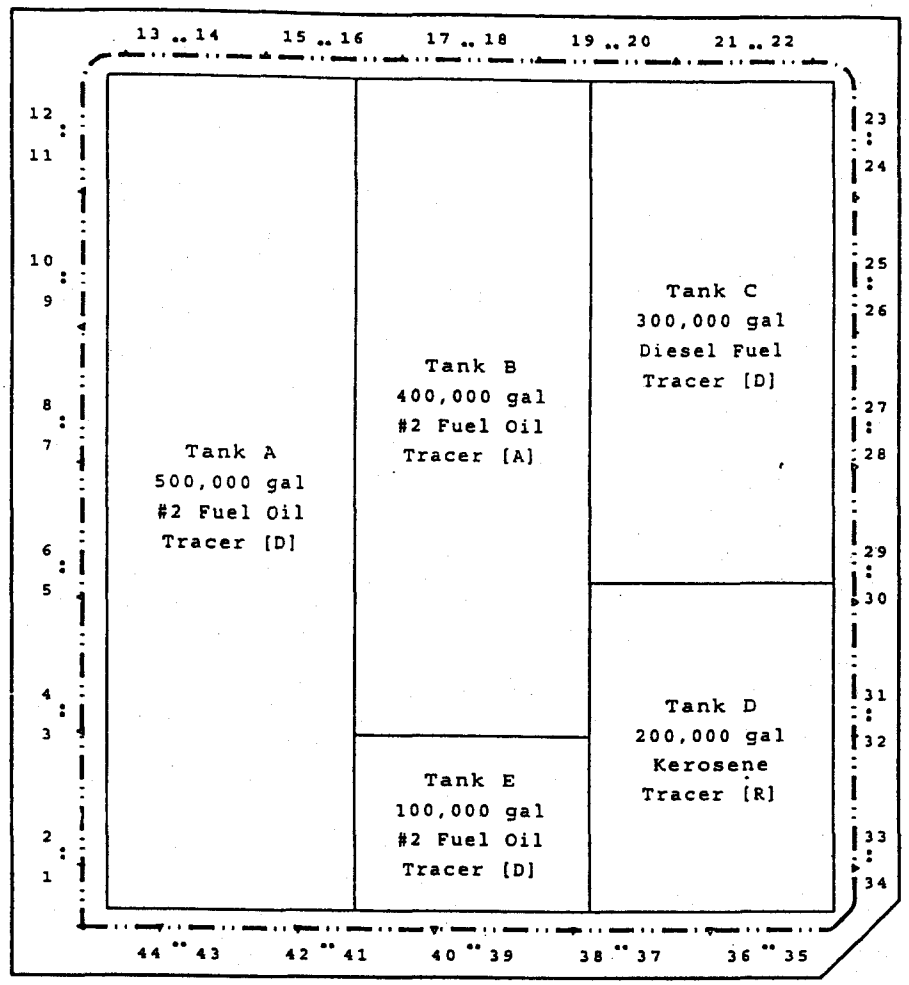
Probe #	Depth meters	Tank B Tracer A ug/L	Simulation Tracer C ug/L	Tanks A,C&E Tracer D ug/L	Tank D Tracer R ug/L	Hydrocarbons TVHC ug/L
1	4	0.0000	0.0000	0.0000	0.0000	0.0000
2	2	0.0000	0.0000	0.0000	0.0000	0.0000
3	4	0.0000	0.0000	0.0000	0.0000	0.0000
4	2	0.0000	0.0000	0.0000	0.0000	0.0000
5	4	0.0000	0.0000	0.0000	0.0000	0.0000
6	2	0.0000	0.0298	0.0000	0.0000	0.0000
7	4	0.0000	0.0000	0.0000	0.0000	0.0000
8	2	0.0000	0.0000	0.0000	0.0000	0.0000
9	4	0.0000	0.0000	0.0000	0.0000	0.0000
10	2	0.0000	0.0000	0.0000	0.0000	0.0000
11	4	0.0000	0.0000	0.0000	0.0000	0.0000
12	2	0.0000	0.0000	0.0000	0.0000	0.0000
13	4	0.0000	0.0000	0.0000	0.0000	0.0000
14	2	0.0000	0.0000	0.0000	0.0000	0.0000
15	4	0.0000	0.0000	0.0000	0.0000	0.0000
16	2	0.0000	0.0000	0.0000	0.0000	0.0000
17	4	0.0000	0.0000	0.0000	0.0000	0.0000
18	2	0.0000	0.0000	0.0000	0.0000	0.0000
19	4	0.0000	0.0000	0.0000	0.0000	0.0000
20	2	0.0000	0.0000	0.0000	0.0000	0.0000
21	4	0.0000	2.8530	0.0000	0.0000	0.0000
22	2	0.0000	0.0751	0.0000	0.0000	0.0000
23	4	0.0000	0.0000	0.0000	0.0000	0.0000
24	2	0.0000	0.0359	0.0000	0.0000	0.0000
25	4	0.0000	0.0000	0.0000	0.0000	0.0000
26	2	0.0000	0.0000	0.0000	0.0000	0.0000
27	4	0.0000	0.0000	0.0000	0.0000	0.0000
28	2	0.0000	0.0000	0.0000	0.0000	0.0000
29	4	0.0000	0.0000	0.0000	0.0000	0.0000
30	2	0.0000	0.0000	0.0000	0.0000	0.0000
31	4	0.0000	0.0000	0.0000	0.0000	0.0000
32	2	0.0000	0.0000	0.0000	0.0000	0.0000
33	4	0.0000	0.0000	0.0000	0.0000	0.0000
34	2	0.0000	0.0000	0.0000	0.0000	0.0000
35	4	0.0000	0.0000	0.0000	0.0000	0.0000
36	2	0.0000	0.0000	0.0000	0.0000	0.0000
37	4	0.0000	0.0000	0.0000	0.0000	0.7680
38	2	0.0000	0.0000	0.0000	0.0000	0.0000
39	4	0.0000	0.0000	0.0000	0.0000	0.0000
40	2	0.0000	0.0000	0.0000	0.0000	0.0000
41	4	0.0000	0.0000	0.0000	0.0000	0.0000
42	2	0.0000	0.0000	0.0000	0.0000	0.0000
43	4	0.0000	0.0000	0.0000	0.0000	0.0000
44	2	0.0000	0.0000	0.0000	0.0000	0.0000

*** TVHC = Total Volatile Hydrocarbons

APPENDIX C: Map of Storage Tanks with Sampling Locations

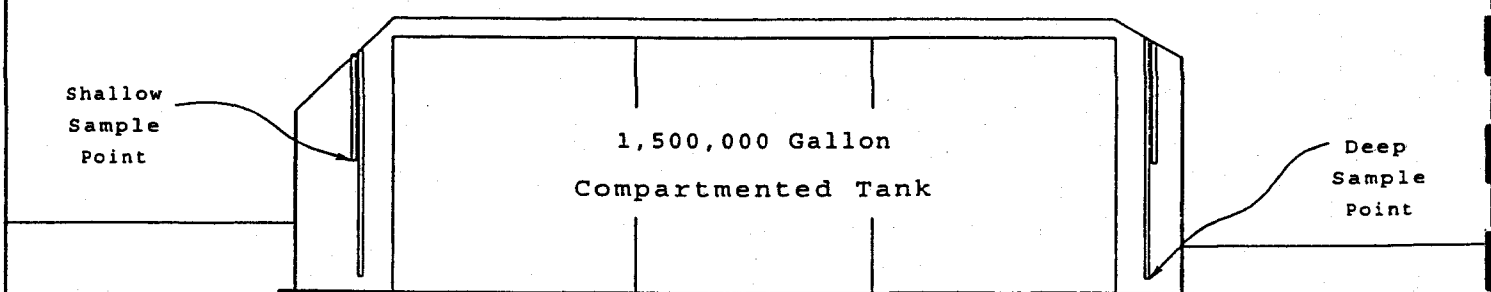
Tracer Research
Corporation

Union Street



Probe Number & Depth	
1-4m	2-2m
3-4m	4-2m
5-4m	6-2m
7-4m	8-2m
9-4m	10-2m
11-4m	12-2m
13-4m	14-2m
15-4m	16-2m
17-4m	18-2m
19-4m	20-2m
21-4m	22-2m
23-4m	24-2m
25-4m	26-2m
27-4m	28-2m
29-4m	30-2m
31-4m	32-2m
33-4m	34-2m
35-4m	36-2m
37-4m	38-2m
39-4m	40-2m
41-4m	42-2m
43-4m	44-2m

Sackett Street



Cross - Section

EXPLANATION

0 4 8
meters

·1 Sampling Probe Location

Cathodic Protection System

36299G-0000

BAYSIDE FUEL OIL DEPOT CORPORATION

SACKETT ST. FACILITY

BROOKLYN, NEW YORK

SAMPLING LOCATIONS

Figure 1

Tracer Research Corporation appreciates the opportunity to do business with your organization. We constantly strive to improve our service and are very interested in any comments or suggestions you may have about how we can be more responsive to the needs of your company. Should you have any questions or wish to share your comments about the field work performed, analytical results obtained, or this report, please contact Ben Duncan at (732) 220 8757 or bduncan@tracerresearch.com.

Tracer Research Corporation

Tracer Research
Corporation

Prepared for:

Bayside Fuel Oil Depot
1776 Shore Parkway
Brooklyn, NY 11214

Telephone: 718 732 9800
Facsimile: 718 266 3744
Attn: Scott Vitello

Tracer Tight®
Leak Detection Test of Fuel Oil Storage Tanks

Bayside Fuel Oil
Sacket Street Facility
TANKS A, B, C, D & E

21 August – 20 September 2001

Prepared by:

TRACER RESEARCH CORPORATION (NJ)
1583 Livingston Avenue, Unit 6
North Brunswick, NJ 08902
Telephone: (732) 220 8757
Facsimile: (732) 220 9002

Submitted by:

Ben Duncan
TRACER RESEARCH CORPORATION 36299G

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2.0 Tracer Tight® Concept 1

3.0 System Installation 1

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Appendix A: Tank Certification

Appendix B: Analytical Data

Appendix C: Map of Storage Tanks with Sampling Locations

1.0 Sacket Street Facility Leak Testing

Tracer Research Corporation performed *Tracer Tight*® tightness testing on fuel oil storage tanks A, B, C, D and E at Bayside Fuel Oil Depot's Sacket Street Facility located at 510 Sacket Street in Brooklyn, New York between 21 August and 20 September 2001.

On 21 August 2001, Tracer D was injected into Tanks A, C and E, Tracer A into Tank B, and Tracer R into Tank D. Tracers were injected into each tank through a gauging hatch on the roof.

2.0 *Tracer Tight*® Concept

Tracer Tight® testing is a patented process performed by mixing a volatile chemical concentrate, a tracer, with the product inside a tank or pipeline followed by the detection of tracer, underground, in the vapor phase. The tracer is added to the product at very low concentrations. The tracer has no impact on the chemical or physical properties of the product. The tracer chemical, being highly volatile, distributes itself throughout the product in the tank or pipeline as well as into the vapor space above the product.

If a tank or pipeline leaks, the tracer is released into the soil and disperses in all directions through the air porosity of the soil by molecular diffusion. After the tracer has had time to diffuse and migrate away from the leak, soil gas samples are collected from the area surrounding the tank or pipeline. Leak detection monitoring system probes are placed in the back-fill adjacent to the tank or pipeline to collect the tracer vapors that might appear in the soil if there is a leak. The probes are driven into the ground and a small amount of soil gas is pulled by vacuum through each probe. Samples of this soil gas are collected and analyzed for the presence of tracer and hydrocarbons.

3.0 System Installation

The leak detection monitoring system for Tanks A, B, C, D and E is made up of vertical galvanized steel probes placed in the moat sand around the tank farm. Pneumatic and hand pounding tools were used to sink the probes to depths of 4meters and 2meters below the top surface of the tank structure. Each probe is fitted with a brass and PVC *Tracer Tight*® probe cap designed by Tracer Research to remain permanently onsite for future testing.

The leak detection monitoring system was previously installed in the moat area around the tank farm at the Sacket Street facility. During this year's testing, some original probes could not be located. Probe numbers 36, 37, 38 and 39 were re-installed on 22 August 2001. After installation, vacuum measurements were taken from each probe to check soil permeability.

4.0 Leak Simulation

Tracer Tight® probe # 21 was used as a leak simulation probe. Immediately prior to tank inoculation, a small quantity of Tracer C, different from the tracers in the tanks, was injected into the soil at the bottom of the leak simulation probe. This tracer was used to simulate the migration and detection of a test tracer leaking from the bottom of the tank during the test. The information obtained from this simulation was used to confirm proper system design and sufficient soil permeability.

5.0 Results

Tanks A, B, C, D and E were *Tracer Tight®* leak tested. Background samples were collected from the leak detection monitoring system before the test began on 21 August 2001. Inoculation of the leak simulation probe and the tank occurred on the same day. Samples were collected in dedicated vacuum canisters from the probes adjacent to the tanks 1week and 4weeks after inoculation. All samples were analyzed at the Tracer Research Corporation laboratory in Tucson, Arizona.

Based upon the results of the sample analyses, Tanks A, B, C, D and E all PASSED the *Tracer Tight®* leak testing. Certification is in Appendix A.

The criteria for passing these tanks was based on the absence of tracer detected above a threshold value of 0.1 µg/L. Failure of the *Tracer Tight®* leak test requires the confirmed presence of tracer concentrations above the threshold.

Vacuum readings observed during sampling indicated that soil porosity was sufficient for tracer migration and the detection of possible leaks.

The data for the *Tracer Tight®* tests are presented in Appendix B. A Map depicting the locations of sample collection can be found in Appendix C.

APPENDIX A: Tank Certification

Tracer Research
Corporation

Tracer Tight® Leak Detection Certification

15 March 2002

Fac: Sacket

Job: 36299G Sacket

Bayside Fuel Oil, Sacket Street Facility
510 Sacket Street, Brooklyn, NY

Source: DataTrace 2.0

System:	*Volume (gal):*	*Product:*	*Tracer:*	*Status:*
Tank A	500,000	#2 Fuel Oil	D	Passed
Tank B	400,000	#2 Fuel Oil	A	Passed
Tank C	300,000	Diesel Fuel	D	Passed
Tank D	200,000	Kerosene	R	Passed
Tank E	100,000	#2 Fuel Oil	D	Passed

Tracer Research Corporation hereby certifies that the above listed system(s) have been tested by means of *Tracer Tight®*

Submitted By: Ben Duncan

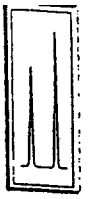
Project Manager

Date: 03-15-2002

Pass Criteria: **No Tracer Detected above failing threshold level (0.1ug/L)**

Fail Criteria: **Confirmed Tracer Detected above failing threshold level**

Certification Pages: Bayside Sacket St (36299G) *Appendix A*



APPENDIX B: Data Report

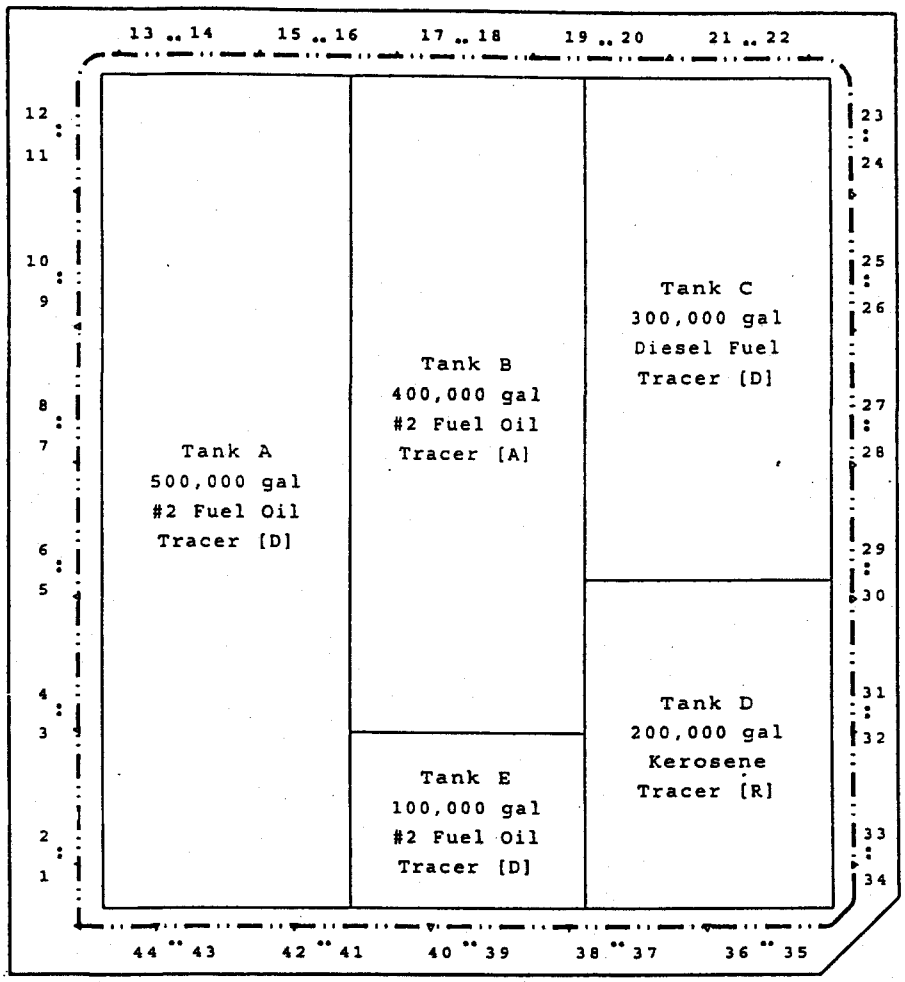
Tracer Research
Tracer Research Corporation
1583 Livingston Ave, Unit 6
North Brunswick NJ 08902

Bayside Fuel Oil, Sacket St Facility
Tanks A, B, C, D & E
Background Data - 21 August 2001

Probe #	Depth meters	Tank B Tracer A ug/L	Simulation Tracer C ug/L	Tanks A,C&E Tracer D ug/L	Tank D Tracer R ug/L	Hydrocarbons TVHC ug/L
1	4	0.0000	0.0000	0.0000	0.0000	0.0000
2	2	0.0000	0.0000	0.0000	0.0000	0.0000
3	4	0.0000	0.0000	0.0000	0.0000	0.0000
4	2	0.0000	0.0000	0.0000	0.0000	0.0000
5	4	0.0000	0.0000	0.0000	0.0000	0.0000
6	2	0.0000	0.0446	0.0000	0.0000	0.0000
7	4	0.0000	0.0000	0.0000	0.0000	0.0000
8	2	0.0000	0.0000	0.0000	0.0000	0.0000
9	4	0.0000	0.0000	0.0000	0.0000	0.0000
10	2	0.0000	0.0000	0.0000	0.0000	0.0000
11	4	0.0000	0.0000	0.0000	0.0000	0.0000
12	2	0.0000	0.0000	0.0000	0.0000	0.0000
13	4	0.0000	0.0000	0.0000	0.0000	0.0000
14	2	0.0000	0.0000	0.0000	0.0000	0.0000
15	4	0.0000	0.0000	0.0000	0.0000	0.0000
16	2	0.0000	0.0000	0.0000	0.0000	0.0000
17	4	0.0000	0.0000	0.0000	0.0000	0.0000
18	2	0.0000	0.0000	0.0000	0.0000	0.0000
19	4	0.0000	0.0000	0.0000	0.0000	0.0000
20	2	0.0000	0.0000	0.0000	0.0000	0.0000
21	4	0.0000	0.0000	0.0000	0.0000	0.0000
22	2	0.0000	0.0000	0.0000	0.0000	0.0000
23	4	0.0000	0.0000	0.0000	0.0000	0.0000
24	2	0.0000	0.0000	0.0000	0.0000	0.0000
25	4	0.0000	0.0000	0.0000	0.0000	0.0000
26	2	0.0000	0.0000	0.0000	0.0000	0.0000
27	4	0.0000	0.0000	0.0000	0.0000	0.0000
28	2	0.0000	0.0000	0.0000	0.0000	0.0000
29	4	0.0000	0.0000	0.0000	0.0000	0.0000
30	2	0.0000	0.0000	0.0000	0.0000	0.0000
31	4	0.0000	0.0000	0.0000	0.0000	3.9340
32	2	0.0000	0.0000	0.0000	0.0000	0.0000
33	4	0.0000	0.0000	0.0000	0.0000	0.0000
34	2	0.0000	0.0000	0.0000	0.0000	0.0000
35	4	0.0000	0.0000	0.0000	0.0000	0.0000
36	2	0.0000	0.0000	0.0000	0.0974	0.0000
37	4	0.0000	0.0000	0.0000	0.1796	0.7730
38	2	0.0000	0.0000	0.0000	0.1818	0.0000
39	4	0.0000	0.0000	0.0000	0.0000	0.0000
40	2	0.0000	0.0000	0.0000	0.0000	0.0000
41	4	0.0000	0.0000	0.0000	0.0000	0.0000
42	2	0.0000	0.0000	0.0000	0.0000	0.0000
43	4	0.0000	0.0000	0.0000	0.0000	0.0000
44	2	0.0000	0.0000	0.0000	0.0000	0.0000

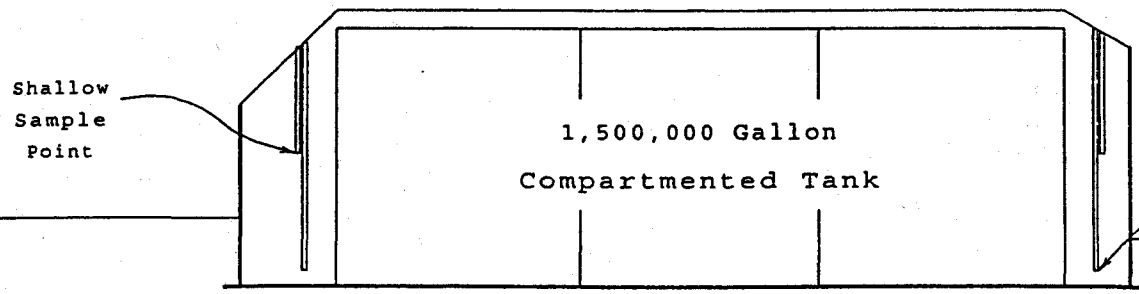
*** TVHC = Total Volatile Hydrocarbons

Union Street



Probe Number & Depth	
1-4m	2-2m
3-4m	4-2m
5-4m	6-2m
7-4m	8-2m
9-4m	10-2m
11-4m	12-2m
13-4m	14-2m
15-4m	16-2m
17-4m	18-2m
19-4m	20-2m
21-4m	22-2m
23-4m	24-2m
25-4m	26-2m
27-4m	28-2m
29-4m	30-2m
31-4m	32-2m
33-4m	34-2m
35-4m	36-2m
37-4m	38-2m
39-4m	40-2m
41-4m	42-2m
43-4m	44-2m

Sackett Street



Cross - Section

EXPLANATION

0 4 8
meters

•1 Sampling Probe Location

Cathodic Protection System

36299G-0000

BAYSIDE FUEL OIL DEPOT CORPORATION

SACKETT ST. FACILITY

BROOKLYN, NEW YORK

SAMPLING LOCATIONS

Figure 1

Tracer Research Corporation appreciates the opportunity to do business with your organization. We constantly strive to improve our service and are very interested in any comments or suggestions you may have about how we can be more responsive to the needs of your company. Should you have any questions or wish to share your comments about the field work performed, analytical results obtained, or this report, please contact Ben Duncan at (732) 220 8757 or bduncan@tracerresearch.com.

APPENDIX C

TANK CLOSURE REPORT, 1999

TANK CLOSURE REPORT
BAYSIDE FUEL CORPORATION
BOND STREET TERMINAL
Brooklyn, New York

Prepared for: **Kerri-Ann O'Dowd**
NYSDEC Region 2

Prepared by: **Andrew Tuomey**
A Cleaner Environment

February 17, 1999

Kerri-Ann O'Dowd
Environmental Engineer I
Environmental Remediation Division Region 2
New York State Department of Environmental Conservation
Division of Environmental Remediation
Bureau of Spills Management
47-40 21st Street
Long Island City, NY 11101

Re: **Tank Closure Report**
Bayside Fuel Corp.
267-285 Bond Street
Brooklyn, New York

Dear Ms. O'Dowd:

The following is the Tank Closure Report you requested for the above referenced spill location. During the week of November 30, 1998, fourteen five-hundred and fifty gallon (14x550) Underground Storage Tanks (USTs) were removed from this location. Ten of these tanks contained diesel fuel while the other four tanks contained kerosene.

* ***Discussion of the tanks closed***

As mentioned above, fourteen five hundred and fifty gallon UST's (14x550) were removed during excavation activities. The tanks were constructed of steel and were a standard 42" in diameter. All tanks removed were free from corrosion and holes and appeared to be "tight". All Petroleum Bulk Storage (PBS) records for the site are updated and accurate (please see PBS records).

The entire tank farm along with the associated piping, fills, pumps, and vents were cut, cleaned and removed during excavation and removal activities.

* ***Site Maps***

A site map has been drafted as Figure 1 (Site Map) depicting the former tank locations with their associated piping, pump islands, and vent lines. Field sampling locations and PID readings are included on Figure 2 (Sample Location Map). Proposed monitoring well and soil boring locations are depicted as Figure 3 (Boring Location Map).

* ***End Point Sampling***

Ten end point samples were obtained from four side walls, both pump islands, the remote fill, and the bottom of the excavation. A hand held Photo-Ionization Detector (PID) was calibrated and used to determine the extent and direction of excavation activities.

Numerous soil samples were obtained from various depths in the excavations and field-scanned via head space analysis with the PID. For each sample location, a minimum of three samples were obtained and field-scanned. The sample exhibiting the highest PID reading was used for the end point sample.

Three water samples were taken from the bottom of the excavation. Bottom samples were obtained from the North, South, and Middle of the excavation to determine the quality of the groundwater beneath the excavated tanks. End point samples were also obtained from under the removed Pump Islands (Pump Island #1 and #2). One composite sample was taken from each removed Pump Island location. An endpoint sample was also obtained from the Remote Fill location (see site map).

Samples were placed in Teflon lined jars and transported under chain of custody in a cooler to maintain temperature. A total of ten (7 soil, 3 water) end point samples were submitted to a NYS certified laboratory for analysis of "STARS" parameters of both Volatiles (EPA Method 8021) and Semi-Volatiles (EPA method 8270). Please see chain of custody and laboratory analytical results.

* ***Laboratory Analysis Summary***

Laboratory analytical results have been tabulated for both semi-volatiles (8270) as Table 1 and volatiles (8021) as Table 2. All analytical results are in micrograms per kilogram or parts per billion (ppb). Analytical data was then compared to STARS Guidance Values for fuel oil contaminated soil (STARS Guidance Values).

Soil Samples - Analytical data indicates the soils from the North and West side walls, the two Pump Island locations, and the Remote Fill location are slightly above STARS Guidance Values. Laboratory analytical results from the South and East Walls were below STARS Guidance Values.

In an effort to remove all encountered contamination, *additional soil was removed after end-point samples were collected* from the areas which exhibited elevated PID readings. Additional end point samples will be obtained to determine if all impacted soils were removed. Please see Boring Location Map (Figure 3).

Water Samples - Volatile laboratory analytical data (8021) from the bottom samples indicate the presence of dissolved gasoline constituents in the groundwater. Analytical data from the semi-volatile (8270) constituents were below STARS Guidance Values. End point samples obtained from the soil above the watertable did not indicate the presence of gasoline.

* *Geology*

The native geology on site consists mainly of fine sand and silt. The first three feet of sediments consist mainly of fill material. The tank mat was located beneath asphalt and blue stone. Bedrock has not been encountered on site.

Soil staining and petroleum impacted soils were encountered during excavation activities. Olfactory observations and PID readings indicated the presence of petroleum impacted soils. Impacted soils encountered were excavated and removed. Additional impacted soils were also removed after end point samples were obtained.

* ***Groundwater Conditions***

Groundwater was encountered in the excavation at approximately eight feet below grade. Light Non Aqueous Phase Liquid (LNAPL) was not encountered in the excavation at any time during excavation activities. Excavation activities were performed during the seasonal low water mark, therefore, a large portion of the smear zone is believed to be removed as well as the entire source area. Laboratory analytical data revealed the presence of dissolved gasoline constituents present in the groundwater.

* ***Soil Disposal***

One hundred and twenty (120) yards of impacted soil were excavated, removed and transported to a certified Transportation Storage and Disposal Facility (TSDF) under Non-Hazardous Document of Cargo #'s 10784, 10310, 9261, 10093, 7116, and 8960 (see disposal documents).

* ***Conclusions***

The majority of impacted soils have been removed from the former tank bed. All tanks and lines removed were free from extensive corrosion and appeared to be tight. Impacted soils in the tank farm encountered are believed to have resulted from a small crack in a suction line. Impacted soils encountered under the Pump Islands and at the Remote Fill location are believed to have been from overfills.

End point sample laboratory analysis indicates the North Wall, West Wall, Pump Island #1, Pump Island #2, and the Remote Fill location have constituents slightly above STARS action levels. The Pump Island and Remote Fill end point samples were taken at 0'-2' below grade. After end point samples were obtained additional soils were excavated from these areas to approximately 5'-6' below grade. Therefore additional samples must be secured to determine if all impacted soils have been removed.

Analytical data from the soils above the water table (in the tank bed) do NOT indicate the presence of gasoline contaminated soils. All UST's removed contained either Diesel Fuel or Kerosene. Analytical data from the water samples indicate the presence of dissolved gasoline constituents. Additional samples must be obtained to determine the source of the gasoline found on the property.

* *Recommendations*

- Install three monitoring wells (PMW's) as shown in Figure 3 to monitor water quality.
- Monitoring wells will be sampled for STARS constituents.
- Gauge fluid levels in on site wells on a monthly.
- Casing elevations will be surveyed to establish groundwater flow direction.
- Perform soil borings and obtain additional end point samples from the North and West ends of the former excavation, below the former Pump Islands, and from the former Remote Fill location (see Figure 3). Samples will be analyzed for STARS parameters.
- To determine the source of gasoline impacted groundwater, soil and water samples will be obtained from areas on and off the subject property (see Figure 3).
- After laboratory analytical data has been reviewed a Remedial Action Plan will be drafted to summarize work performed and outline a plan to bring the open spill number toward closure.

Monitoring wells will be installed with either a Hollow Stem Auger drill rig or through direct push technology. Soil samples will be obtained from various depths at each location to determine the extent of impacted soils on site. A hand held PID will be used to measure for the presence of Volatile and Semi-Volatile Organic Compounds in soil samples. The sample with the highest PID reading will be sent to the laboratory to be analyzed. If all soil samples are free from olfactory and elevated PID measurements, the soil sample that intersects the water table will be sent to the laboratory to be analyzed.

Soil and water samples obtained while determining the source of the dissolved gasoline plume will be sampled for gasoline constituents only (EPA Method 602). Please see Figure 3 for the proposed location of all monitoring wells and soil borings.

Following field activities and a review of Laboratory Analytical data, a Remedial Action Plan will be drafted which will include the following:

- A scaled groundwater flow map.
- Boring and monitoring well locations.
- Monitoring data from the three on site wells.
- Laboratory analytical data.
- Boring logs summarizing the geology encountered and PID readings.
- A dissolved plume map indicating possible sources of the gasoline on site.
- Conclusions and Recommendations.

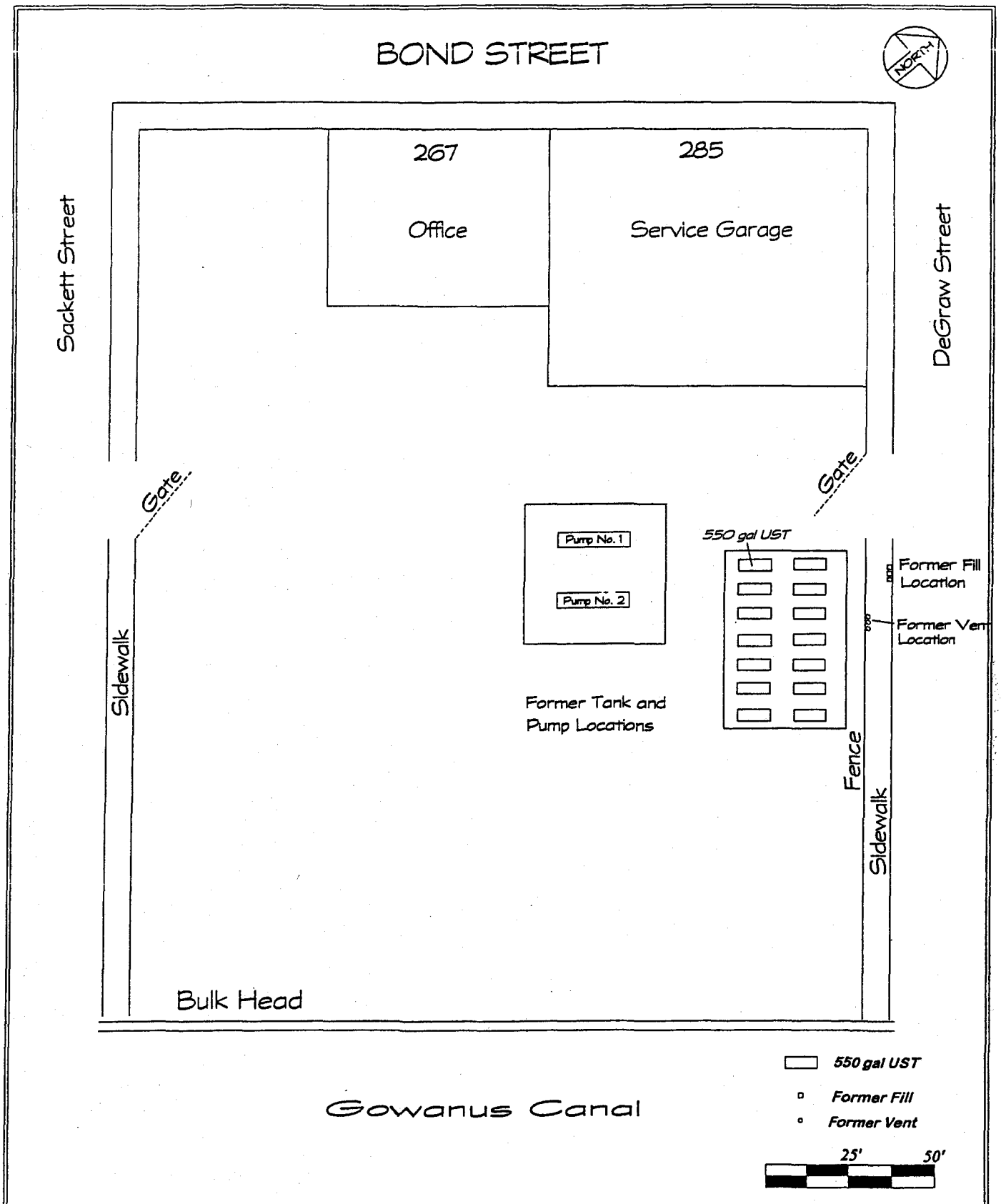
If you have any questions or comments regarding the information contained within this report please feel free to contact me directly.

Yours truly,
A Cleaner Environment

Andrew Tuomey
Hydrogeologist

cc **Anthony J. Natale**, Bayside Fuel Corp.

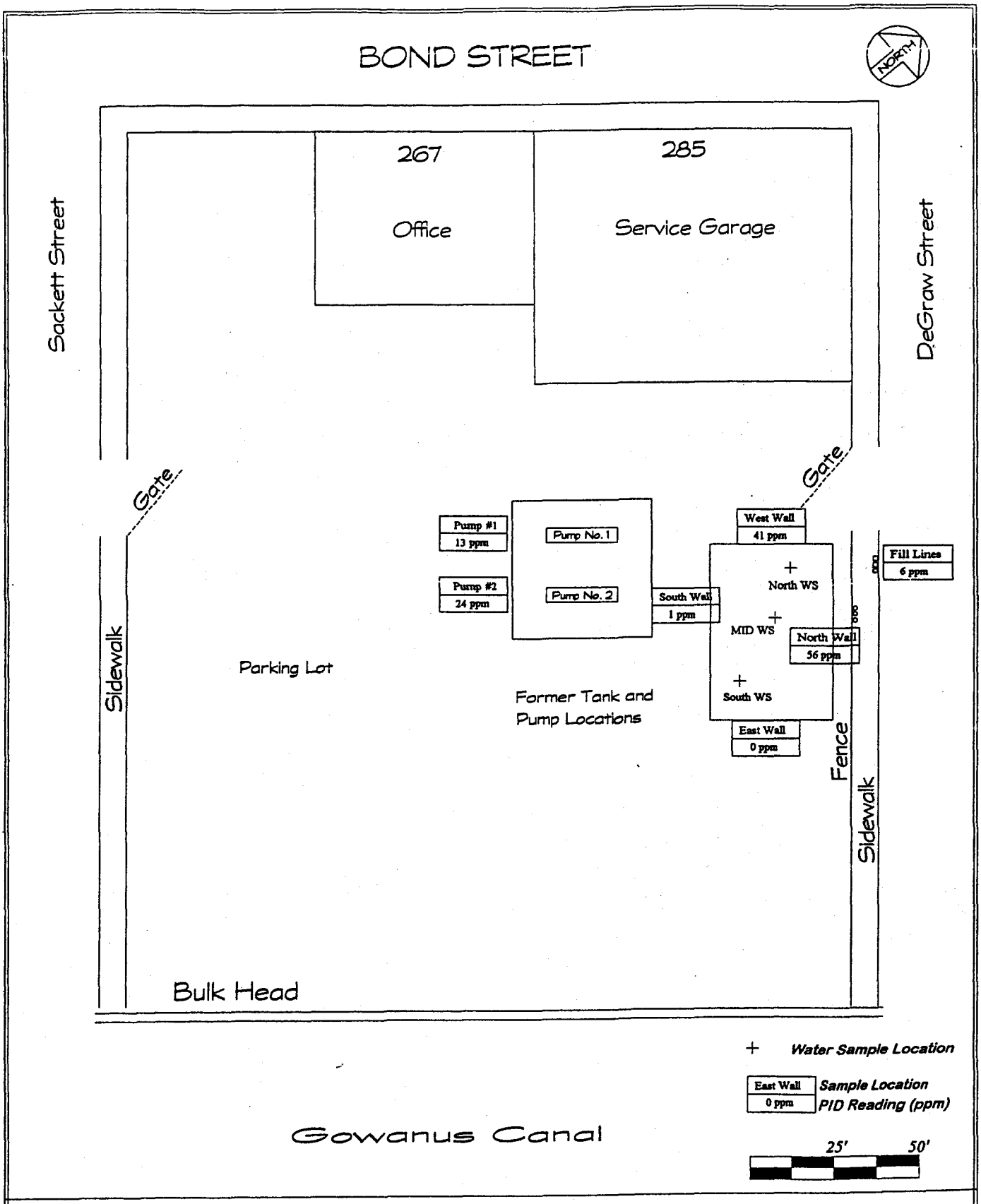
FIGURES AND TABLES



Bayside Fuel Corp.
Bond Street Terminal
Brooklyn, New York

FIGURE 1
SITE MAP
Spill # 98-10785

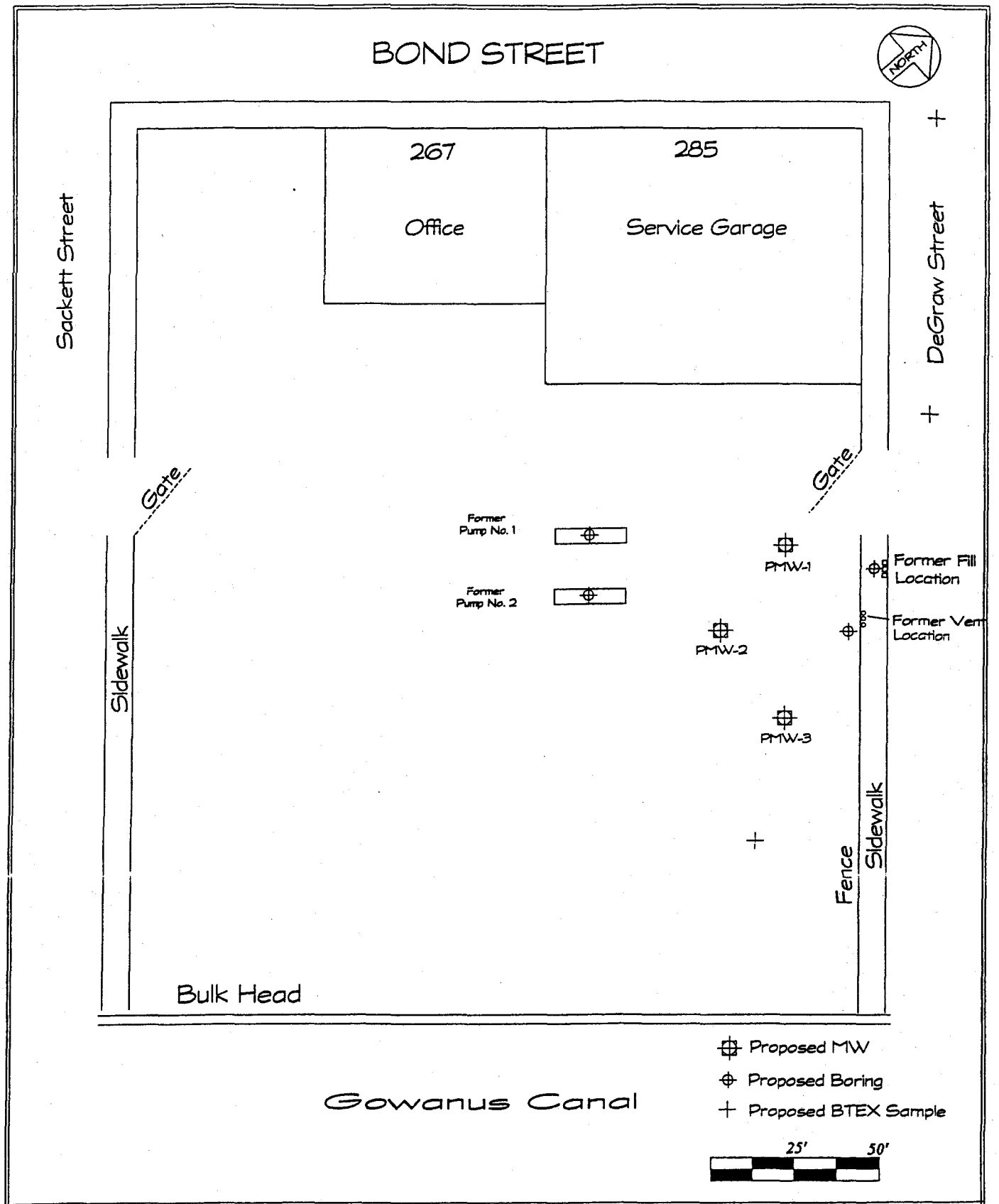
Prepared by:
Andrew Tuomey
A Cleaner Environment
116 Second Street
S. Jamesport NY 11970-0277



Bayside Fuel Corp.
Bond Street Terminal
Brooklyn, New York

FIGURE 2
Sample Locations
Spill # 98-10785

Prepared by:
Andrew Tuomey
A Cleaner Environment
116 Second Street
S. Jamesport NY 11970-0277



Bayside Fuel Corp.
Bond Street Terminal
Brooklyn, New York

FIGURE 3
Boring Locations
Spill # 98-10785

Prepared by:
Andrew Tuomey
A Cleaner Environment
116 Second Street
S. Jamesport NY 11970-0277

END-POINT SAMPLE ANALYTICAL RESULTS

EPA Method 8270 (Stars)
Analytical Parameters

SAMPLE LOCATION	North Pump Island No. 1	South Pump Island No. 2	Fill Lines	Excavation Bottom North	Excavation Bottom Middle	Excavation Bottom South	Excavation North Wall	Excavation South Wall	Excavation East Wall	Excavation West Wall
SAMPLE DEPTH (feet below grade)	0-1'	0-1'	1'-2'	9'	9'	9'	6'-7'	7'	6'-7'	6'-7'
SAMPLE MATRIX	SOIL	SOIL	SOIL	WATER	WATER	WATER	SOIL	SOIL	SOIL	SOIL
Acenaphthene	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV
Antharacene	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	*1380*
Benzo (a) anthracene	*1230*	*2180*	BSGV	BSGV	BSGV	BSGV	*2500*	BSGV	BSGV	*2950*
Benzo (a)pyrene	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV
Benzo (b) fluoranthene	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV
Benzo (g,h,i) perylene	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV
Benzo (k) fluoranthene	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV
Chrysene	*785*	*1290*	BSGV	BSGV	BSGV	BSGV	*1370*	BSGV	BSGV	*2050*
Dibenzo(a,h)anthracene	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV
Fluoranthene	*3050*	*5190*	BSGV	BSGV	BSGV	BSGV	*5060*	BSGV	BSGV	*6300*
Fluorene	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV
Indeno(1,2,3-cd)pyrene	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV
Napthalene	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	*210*
Phenanthrene	*925*	*1300*	BSGV	BSGV	BSGV	BSGV	*2180*	BSGV	BSGV	*3500*
Pyrene	*2130*	*3160*	BSGV	BSGV	BSGV	BSGV	*1990*	BSGV	BSGV	*5900*

Samples obtained December 1998 **Units : ug/Kg** ***BSGV=Below STARS Guidance Values***

TABLE 1

BAYSIDE FUEL CORP. - BOND STREET TERMINAL

EPA Method 8021 (Stars)

END-POINT SAMPLE ANALYTICAL RESULTS

Analytical Parameters

SAMPLE LOCATION	North Pump Island No. 1	South Pump Island No. 2	Fill Lines	Excavation Bottom North	Excavation Bottom Middle	Excavation Bottom South	Excavation North Wall	Excavation South Wall	Excavation East Wall	Excavation West Wall
SAMPLE DEPTH (feet below grade)	0-1'	0-1'	1'-2'	9'	9'	9'	6'-7'	7'	6'-7'	6'-7'
SAMPLE MATRIX	SOIL	SOIL	SOIL	WATER	WATER	WATER	SOIL	SOIL	SOIL	SOIL
Benzene	BSGV	BSGV	BSGV	***560***	***940***	***1000***	BSGV	BSGV	BSGV	BSGV
n-Butylbenzene	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV
sec-Butylbenzene	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV
tert-Butylbenzene	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV
Ethylbenzene	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV
Isoporpylbenzene	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV
p-Isopropyltoluene	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV
MTBE	***80***	***50***	***80***	BSGV	BSGV	BSGV	BSGV	BSGV	***90***	***72***
Napthalene	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV
n-Propylbenzene	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV
Toluene	BSGV	BSGV	BSGV	BSGV	***880***	***950***	BSGV	BSGV	BSGV	BSGV
1,2,4-Trimethylbenzene	BSGV	BSGV	BSGV	BSGV	***137***	***141***	BSGV	BSGV	***215***	BSGV
1,3,5-Trimethylbenzene	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV	BSGV
o-Xylene	BSGV	BSGV	BSGV	BSGV	***200***	***200***	BSGV	BSGV	BSGV	BSGV
m,p-Xylene	BSGV	BSGV	***160***	BSGV	***405***	***415***	BSGV	BSGV	BSGV	BSGV
Mix Xylene	BSGV	BSGV	***219***	BSGV	***605***	***615***	BSGV	BSGV	BSGV	BSGV

Samples obtained December 1998 **Units : ug/Kg** ***BSGV=Below STARS Guidance Values***

TABLE 2

2-017574

Tank Information f[illegible]eum Bulk Storage Facility
SECTION B—See Instructions on Cover Sheet

Action	Tank Number	Tank Location	Status	Installation or Permanent Closure Date (MO)	(YR)	Capacity (Gallons)	Product Stored	Tank Type	Tank Internal Protection	Tank External Protection	Piping Location	Piping Type	Piping Internal Protection	Piping External Protection	Secondary Containment	Leak Detection	Spill/ Overfill Prevention	Dispenser	Last Test Date (Underground Tanks) (MO)	(YR)
3	001	4	3	12	98	550	6	1	0	00	2	1	0	00	01	0	0	2	1	09
3	002	4	3	12	98	550	6	1	0	00	2	1	0	00	01	0	0	2	1	09
3	003	4	3	12	98	550	6	1	0	00	2	1	0	00	01	0	0	2	1	09
3	004	4	3	12	98	550	6	1	0	00	2	1	0	00	01	0	0	2	1	09
3	005	4	3	12	98	550	6	1	0	00	2	1	0	00	01	0	0	2	1	09
3	006	4	3	12	98	550	6	1	0	00	2	1	0	00	01	0	0	2	1	09
3	007	4	3	12	98	550	6	1	0	00	2	1	0	00	01	0	0	2	1	09
3	008	4	3	12	98	550	6	1	0	00	2	1	0	00	01	0	0	2	1	09
3	009	4	3	12	98	550	6	1	0	00	2	1	0	00	01	0	0	2	1	097
3	010	4	3	12	98	550	6	1	0	00	2	1	0	00	01	0	0	2	1	097
3	011	4	3	12	98	550	6	1	0	00	2	1	0	00	01	0	0	2	1	097
3	012	4	3	12	98	550	5	1	0	00	2	1	0	00	01	0	0	2	1	097
3	013	4	3	12	98	550	5	1	0	00	2	1	0	00	01	0	0	2	1	097
2	017	4	2	12	60	550	5	1	0	00	2	1	0	00	01	0	0	2	1	097
3	017	4	3	12	98	550		1	0	00	2	1	0	00	01	0	0	2		

KEY FOR SECTION B

ACTION
1. Initial Listing
2. Add Tank
3. Close/Remove Tank
4. Information Correction
5. Recondition/Repair/ Reline Tank

TANK LOCATION
1. Aboveground
2. Aboveground on saddles, legs, stilts, rack, or cradle
3. Aboveground: 10% or more below ground
4. Underground
5. Underground, vaulted, with access

STATUS
1. In-service
2. Temporarily out-of-service
3. Closed—Removed
4. Closed—In Place
5. Tank Converted to Non-Regulated Use

PRODUCT STORED
0. Empty
1. Leaded Gasoline
2. Unleaded Gasoline
3. Nos. 1, 2, or 4 Fuel Oil
4. Nos. 5 or 6 Fuel Oil
5. Kerosene
6. Diesel
A. Lube Oil
B. ~~Lube~~ ~~Mixture~~ Used Oil(fuel)
C Used Oil
9. Other*

TANK TYPE
1. Steel/Carbon Steel
2. Stainless Steel Alloy
3. Concrete
4. Fiberglass Coated Steel
5. Fiberglass Reinforced Plastic (FRP)
6. Equivalent Technology
9. Other*

PIPING TYPE
0. None
1. Steel/Iron
2. Galvanized Steel
3. Fiberglass (FRP)
4. Copper
9. Other*

INTERNAL PROTECTION: Tank/Piping
0. None
1. Epoxy Liner
2. Rubber Liner
3. Fiberglass Liner (FRP)
4. Glass Liner
9. Other*

EXTERNAL PROTECTION: Tank/Piping
0. None
1. Painted/Asphalt Coating
2. Sacrifical Anode
3. Impressed Current
4. Fiberglass
5. Jacketed
6. Wrapped (Piping)
9. Other*

PIPING LOCATION
0. None
1. Aboveground
2. Underground
3. Aboveground/ Underground Combination

SECONDARY CONTAINMENT
0. None
1. Vault
2. Double-Walled Tank
3. Excavation Liner
4. Cut-off Walls
5. Impervious Underlayment
6. Earthen Dike
7. Prefabricated Steel Dike
8. Concrete Dike
A. Synthetic Liner
B. Natural Liner
9. Other*

LEAK DETECTION
0. None
1. Interstitial Monitoring
2. Vapor Well
3. Groundwater Well
4. In-Tank System
5. Concrete Pad w/channels
6. Double Bottom
9. Other*

SPILL/OVERFILL PREVENTION
0. None
1. Float Vent Valve
2. High Level Alarm
3. Automatic Shut-off
4. Product Level Gauge
5. Catch Basin
6. Vent Whistle
9. Other*

DISPENSER
1. Submersible
2. Suction
3. Gravity

* If other, please list on separate sheet including Tank Number

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Petroleum Bulk Storage Program
Facility Information Report

Printed : 11/27/98

PBS # : 2-017574

Site : BAYSIDE FUEL OIL CORP
267 BOND STREET
267 BOND STREET
BROOKLYN, NY 11231
County : KINGS Town : NEW YORK CITY
Latitude : N Longitude : W
SPDES# : CBS# :
Site Type : Info Not Given.

Operator : BAYSIDE FUEL OIL CORP (718) 625-5932
Emergency : FREDERICK J. CAPURRO (718) 946-4000

Site status : Active
Total Active Tanks : 16
Active Capacity : 7,975 gals.

Reg Expires : 10/23/02
Last Inspection : / /
Cert Printed : 11/12/97

Site Errors : Minor Data Missing
Owner Error : Complete
Tank Errors : Minor Data Missing

Owner : BAYSIDE FUEL OIL CORP
1810 SHORE PARKWAY
BROOKLYN, NY 11214

Phone : (718) 946-4000
Owner Type : Corporate/Commercial

Mail : BAYSIDE FUEL OIL CORP
1810 SHORE PARKWAY
BROOKLYN, NY 11214

Att : FREDERICK J. CAPURRO (718) 946-4000

TankNo	TankLoc	Stat	DateIn	Capac (g)	Product	TankType	TankInt	TankExt	PipeLoc	PipeType	PipeInt	PipeExt	SecCont	Leak	OverFil	Disp	LastTest	NextTest	TStat
001	4	1	12/60	550	6	1			3	1	0	00	00	00	00	2	10/97		2
002	4	1	12/60	550	6	1	0		3	1	0	00	00	00	00	0	10/97		2
003	4	1	12/60	550	6	1	0	00	3	1	0	00	00	00	00	2	10/97		1
004	4	1	12/60	550	6	1		00	3	1	0	00	00	00	00	2	10/97		2
005	4	1	12/60	550	6	1	0	00	3	1	0	00	00	00	00	2	10/97		1
006	4	1	12/60	550	6	1	0	00	3	1	0	00	00	00	00	2	10/97		1
007	4	1	12/60	550	6	1	0	00	3	1	0	00	00	00	00	2	10/97		1
008	4	1	12/60	550	6	1	0	00	3	1	0	00	00	00	00	2	10/97		1
009	4	1	12/60	550	6	1	0	00	3	1	0	00	00	00	00	2	10/97		1
010	4	1	12/60	550	6	1	0	00	3	1	0	00	00	00	00	2	10/97		1
011	4	1	12/60	550	6	1	0	00	3	1	0	00	00	00	00	2	10/97		1
012	4	1	12/60	550	6	1	0	00	3	1	0	00	00	00	00	2	10/97		1
013	4	1	12/60	550	6	1	0	00	3	1	0	00	00	00	00	2	10/97		1
014	1	1	08/85	275	A	1	0	00	2	1	0	00	00	00	04	3	00/00		1
015	1	1	08/85	275	A	1	0	00	2	1	0	00	00	00	00	2	00/00		1
016	1	1	08/85	275	C	1	0	00	2	1	0	00	00	00	4	2	00/00		1

APPENDIX D

DATA REPORT BY
ENVIRONMENTAL DATA RESOURCES, INC.

The EDR Radius Map
with GeoCheck®

Gowanus Canal
510 Sackett Street
Brooklyn, NY 11217

Inquiry Number: 871320.3s

December 13, 2002

Environmental Data Resources, Inc.

The Source For Environmental Risk Management Data

3530 Post Road
Southport, Connecticut 06890

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

FORM-MAS

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GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
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Physical Setting Source Records Searched	A-8

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

510 SACKETT STREET
BROOKLYN, NY 11217

COORDINATES

Latitude (North):	40.680200 - 40° 40' 48.7"
Longitude (West):	73.988200 - 73° 59' 17.5"
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	585506.9
UTM Y (Meters):	4503538.0

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property:	2440073-F8 BROOKLYN, 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
510 SACKETT ST 510 SACKETT ST BROOKLYN, NY	ERNS	N/A
BAYSIDE FUEL OIL DEPOT CORP 510 SACKETT ST BROOKLYN, NY 11231	RCRIS-SQG FINDS FTTS	NYD981872419
510 SACKET ST/BKLYN 510 SACKETT STREET NEW YORK CITY, NY	NY Spills	N/A
510 SACKETT 510 SACKETT BROOKLYN, NY	ERNS	N/A
BAYSIDE FUEL OIL DEPOT CORP. 510 SACKETT ST. BROOKLYN, NY 11231	MOSF UST	N/A
510 SACKETT ST/BKLYN 510 SACKET STREET NEW YORK CITY, NY	NY Spills	N/A
510 SACKETT ST 510 SACKETT ST BROOKLYN, NY	NY Spills	N/A

EXECUTIVE SUMMARY

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
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
RCRIS-TSD	Resource Conservation and Recovery Information System
RCRIS-LQG	Resource Conservation and Recovery Information System

STATE ASTM STANDARD

SHWS	Inactive Hazardous Waste Disposal Sites in New York State
CBS UST	Chemical Bulk Storage Database
VCP	Voluntary Cleanup Agreements
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
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
RAATS	RCRA Administrative Action Tracking System
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
SSTS	Section 7 Tracking Systems

STATE OR LOCAL ASTM SUPPLEMENTAL

HSWDS	Hazardous Substance Waste Disposal Site Inventory
MOSF AST	Major Oil Storage Facilities Database

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS 1 degree 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. EDR's definition of a site with an elevation equal to the target property includes a tolerance of +/- 10 feet. 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 (by more than 10 feet). 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 ASTM STANDARD

CERCLIS-NFRAP: 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.

A review of the CERC-NFRAP list, as provided by EDR, and dated 09/15/2002 has revealed that there is 1 CERC-NFRAP site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
VIDAN AUTO SALVAGE	*327-321 BOND STREET*	*0 - 1/8 WSW*	*I41*	*62*

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 05/02/2002 has revealed that there is 1 CORRACTS site 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 SW*	*68*	*103*

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-SQG list, as provided by EDR, and dated 09/09/2002 has revealed that there are 22 RCRIS-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
NYSDOT UNION ST BRIDGE	*UNION ST BRG - GOWANUS*	*0 - 1/8 SSE*	*10*	*16*
NYCDOT BIN 2240270	*UNION ST BRIDGE OVER*	*0 - 1/8 WSW*	*B12*	*17*
CHATHAM CLEANERS INC	*280 NEVINS ST*	*0 - 1/8 ESE*	*C13*	*18*
THOMAS PAULSON & SON INC	*450 UNION ST*	*0 - 1/8 WSW*	*B15*	*19*
NEW YORK TELEPHONE CO	*318 NEVINS ST*	*0 - 1/8 SSE*	*G28*	*43*
AUTO BODY CONCEPTS DBA ABC COL	*549 SACKETT ST*	*0 - 1/8 ESE*	*H35*	*54*
NYCDEP - GOWANUS PUMPING STATI	*201 DOUGLASS ST*	*0 - 1/8 NNE*	*E36*	*54*
O-Z GEDNEY	*262 BOND ST*	*0 - 1/8 N*	*38*	*59*
VIDAN AUTO SALVAGE	*327-321 BOND STREET*	*0 - 1/8 WSW*	*I41*	*62*
CROSSBAY BAY CONTRACTING	*242 NEVINS ST*	*0 - 1/8 ENE*	*42*	*63*
CRUSADER CANDLE CO INC	*325 NEVINS ST*	*0 - 1/8 S*	*J44*	*65*
TWO DANS ENTERPRISES	*385 CARROLL ST*	*1/8 - 1/4 SW*	*46*	*66*
PENSKE TRUCK LEASING CO LP	*347 BOND ST*	*1/8 - 1/4 SW*	*48*	*68*
PETROLEUM TAMA CLEANERS	*236 BUTLER ST*	*1/8 - 1/4 NE*	*K49*	*68*
REGENCY SERVICE CARTS INC	*337-361 CARROLL ST*	*1/8 - 1/4 WSW*	*53*	*77*
NYC BD OF ED - PUBLIC SCHOOL 3	*317 HOYT ST*	*1/8 - 1/4 W*	*55*	*80*
FORTWAY COLLISION INC	*471 BALTIC ST*	*1/8 - 1/4 NNE*	*56*	*80*

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
NEW AMSTERDAM THEATER	*40 1ST ST*	*1/8 - 1/4 SW*	*57*	*81*
LINDA TOOL & DIE CORP	*459 CARROLL ST*	*1/8 - 1/4 SSE*	*58*	*81*
RYDER TRUCK RENTAL INC	*280 DOUGLAS ST*	*1/8 - 1/4 E*	*L61*	*94*
NYCHA - GOWANUS HOUSES	*423 BALTIC AVE*	*1/8 - 1/4 N*	*63*	*97*
ELECTRIC SWITCHBOARD CO INC	*185 THIRD AVE*	*1/8 - 1/4 E*	*65*	*100*

ERNS: The Emergency Response Notification System records and stores information on reported releases of oil and hazardous substances. The source of this database is the U.S. EPA.

A review of the ERNS list, as provided by EDR, and dated 12/31/2001 has revealed that there is 1 ERNS site within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
318 NEVINS ST	318 NEVINS ST	0 - 1/8 SSE	G31	46

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 3 SWF/LF sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
BALTIC RECYCLING T.S.	524-26 BALTIC STRET	1/8 - 1/4 ENE	59	82
RED HOOK CRUSHERS, INC.	186 3RD STREET	1/4 - 1/2 SSW	M71	107
SPARTAN DISMANTLING CORP	*110 5TH ST*	*1/4 - 1/2 SSW*	*87*	*129*

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 01/01/2002 has revealed that there are 32 LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
325 NEVINS STREET	325 NEVINS STREET	0 - 1/8 S	J43	63
473 PRESIDENT	473 PRESIDENT ST	1/8 - 1/4 SSE	J45	65
267 DOUGLAS STREET	267 DOUGLAS STREET	1/8 - 1/4 E	47	67
RED HOOK TERMINAL	*HAMILTON AVE*	*1/8 - 1/4 S*	*54*	*77*
280 DOUGLAS ST	*280 DOUGLAS ST*	*1/8 - 1/4 E*	*L62*	*95*
WYCKOFF GARDENS	185 NEVINS ST	1/4 - 1/2 NE	66	101
540 PRESIDENT STREET	540 PRESIDENT STREET	1/4 - 1/2 SE	67	102
175 3RD STREET	175 3RD STREET	1/4 - 1/2 SSW	M69	104
THIRD AVE YARD	*222 1ST ST*	*1/4 - 1/2 SSE*	*70*	*105*
WYCKOFF GARDENS	272 WYCKOFF STREET	1/4 - 1/2 NE	N72	108
WYCKOFF GARDENS	272 WYCKOFF STREET	1/4 - 1/2 NE	N73	109
DEL'S AUTO REPAIR	70 2ND ST/NEW UTRECT AV	1/4 - 1/2 WSW	74	110

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
4TH & SACKETT STREET	4TH / SACKETT STREET	1/4 - 1/2 ESE	O75	111
ALL BORO'S	200 3RD ST	1/4 - 1/2 S	76	112
572 WARREN STREET HOUSES	572 WARREN ST	1/4 - 1/2 ENE	P77	113
WYCKOFF CONSOLIDATED	572 WARREN ST	1/4 - 1/2 ENE	P78	114
MERRITT GAS STATION	204-222 4TH AV	1/4 - 1/2 ESE	O79	115
MCIZ CORP	1-25 2ND AV	1/4 - 1/2 SSW	Q81	117
105 3RD AVE	105 3RD AVE	1/4 - 1/2 ENE	82	118
124 4TH AVENUE	124 4TH AVENUE	1/4 - 1/2 E	83	119
Not reported	66 4TH ST	1/4 - 1/2 SW	84	120
ULANO CORP	***280 BERGEN ST***	***1/4 - 1/2 NE***	***85***	***121***
NYC DEPT OF SANITATION - J SCH	***15 2ND AVE BK-N-2***	***1/4 - 1/2 SSW***	***Q86***	***128***
7 3RD STREET/PEP S/S	7 3RD STREET	1/4 - 1/2 WSW	88	130
81-03 THIRD AVE/BKLYN	81-03 THIRD AVE	1/4 - 1/2 NE	89	131
EMPTY LOT	90 4TH AVE	1/4 - 1/2 ENE	90	132
80 3RD AVE.	80 3RD AVE.	1/4 - 1/2 NE	92	134
106 6TH ST	106 6TH ST	1/4 - 1/2 SSW	93	135
IS 293	284 BALTIC ST	1/4 - 1/2 NW	95	137
341 BERGEN ST	341 BERGEN ST	1/4 - 1/2 ENE	96	138

Lower Elevation	Address	Dist / Dir	Map ID	Page
122 HOYT STREET	122 HOYT STREET	1/4 - 1/2 N	94	136
438-440 ATLANTIC AVENUE	438-440 ATLANTIC AVENUE	1/4 - 1/2 NNE	97	139

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 15 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
SACKETT STREET GARAGE	***498-502 SACKETT STREET***	***0 - 1/8 WNW***	***9***	***13***
T E CONKLIN BRASS&COPPER CO,IN	270 NEVINS STREET	0 - 1/8 E	C17	21
ADMIRAL METALS	***270 NEVINS STREET***	***0 - 1/8 E***	***C18***	***24***
BAYSIDE FUEL OIL CORP	***267 BOND STREET***	***0 - 1/8 NNW***	***D19***	***26***
ADAMS BOOK CO. INC.	537 SACKETT ST.	0 - 1/8 ESE	C21	34
NICKS UNION NEVINS SER. STA. C	301 NEVINS STREET	0 - 1/8 SSE	23	36
259 BOND STREET	259 BOND STREET	0 - 1/8 NNW	D26	41
BELL ATLANTIC	***318 NEVINS STREET***	***0 - 1/8 SSE***	***G32***	***46***
A & A BRAKE CO INC	560 SACKETT ST.	0 - 1/8 ESE	H34	53
NYCDEP - GOWANUS PUMPING STATI	***201 DOUGLASS ST***	***0 - 1/8 NNE***	***E36***	***54***
PETROLEUM TANK CLEANERS INC	***236 BUTLER ST***	***1/8 - 1/4 NE***	***K50***	***69***
GOWANUS	238 BOND STREET	1/8 - 1/4 N	51	74
D GAVER & SONS INC	267 DOUGLASS ST	1/8 - 1/4 E	52	76
RYDER TRUCK RENTAL, INC.	280 DOUGLAS STREET	1/8 - 1/4 E	L60	83
DICENT SERVICE STATION INC.	169 THIRD AVENUE	1/8 - 1/4 ENE	64	97

EXECUTIVE SUMMARY

SWRCY: Registered Recycling Facility List from the Department of Environmental Conservation.

A review of the SWRCY list, as provided by EDR, and dated 07/17/2000 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
RINALDI RECYCLING INC	182 4RH AVE	1/4 - 1/2 ESE	80	116
U.S.A. RECYCLING, INC.	141 SIXTH STREET	1/4 - 1/2 SSW	91	133

STATE OR LOCAL ASTM SUPPLEMENTAL

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 01/01/2002 has revealed that there are 4 AST sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
SACKETT STREET GARAGE	*498-502 SACKETT STREET*	*0 - 1/8 WNW*	*9*	*13*
ADMIRAL METALS	*270 NEVINS STREET*	*0 - 1/8 E*	*C18*	*24*
BAYSIDE FUEL OIL CORP	*267 BOND STREET*	*0 - 1/8 NNW*	*D19*	*26*
BELL ATLANTIC	*318 NEVINS STREET*	*0 - 1/8 SSE*	*G32*	*46*

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
DOUGLAS & DEGRAW	NEVINS ST, DOUGLAS ST.,	0 - 1/8 ENE	27	42

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, has revealed that there are 14 NY Spills sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
Not reported	505 SACKETT STREET	0 - 1/8 WNW	A8	12
BAYSIDE FUEL OIL COMPANY	285 BOND STREET	0 - 1/8 WNW	11	16
VACANT BUILDING	450 UNION ST	0 - 1/8 WSW	B14	18
MANHOLE 2526	UNION ST/BOND ST	0 - 1/8 WSW	B16	20
537 SACKETT STREET	537 SACKETT STREET	0 - 1/8 ESE	C20	33
GOWANUS PUMPING STATION	201 DOUGLAS ST/GOWANUS	0 - 1/8 N	E22	35
NEVINS STREET, DEGRAW STR	NEVINS ST/ DEGRAW ST.	0 - 1/8 E	F25	40
318 NEVINS ST.	318 NEVINS ST.	0 - 1/8 SSE	G29	44

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
318 NEVINS STREET	318 NEVINS STREET	0 - 1/8 SSE	G30	45
NEVIN ST GARAGE	318 NEVIN ST	0 - 1/8 SSE	G33	52
NYCDEP - GOWANUS PUMPING STATI	***201 DOUGLASS ST***	***0 - 1/8 NNE***	***E36***	***54***
201 DOUGLAS ST, BROOKLYN,	201 DOUGLAS ST	0 - 1/8 NNE	E37	58
TM 939	PRESIDENT ST/BOND ST	0 - 1/8 WSW	I39	60
GOWANAS CANAL	325 BOND ST	0 - 1/8 WSW	I40	61

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 4 Coal Gas sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
FULTON MUNICIPAL GAS CO.	263 NEVINS ST.	0 - 1/8 E	F24	40
CITIZENS GAS LIGHT CO.	437 SMITH ST.	1/2 - 1 WSW	98	140
METROPOLITAN GAS LIGHT CO.	35 12TH ST.	1/2 - 1 SSW	99	140
BROOKLYN UNION GAS CO.	157 SECOND AVE.	1/2 - 1 SSW	100	140

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

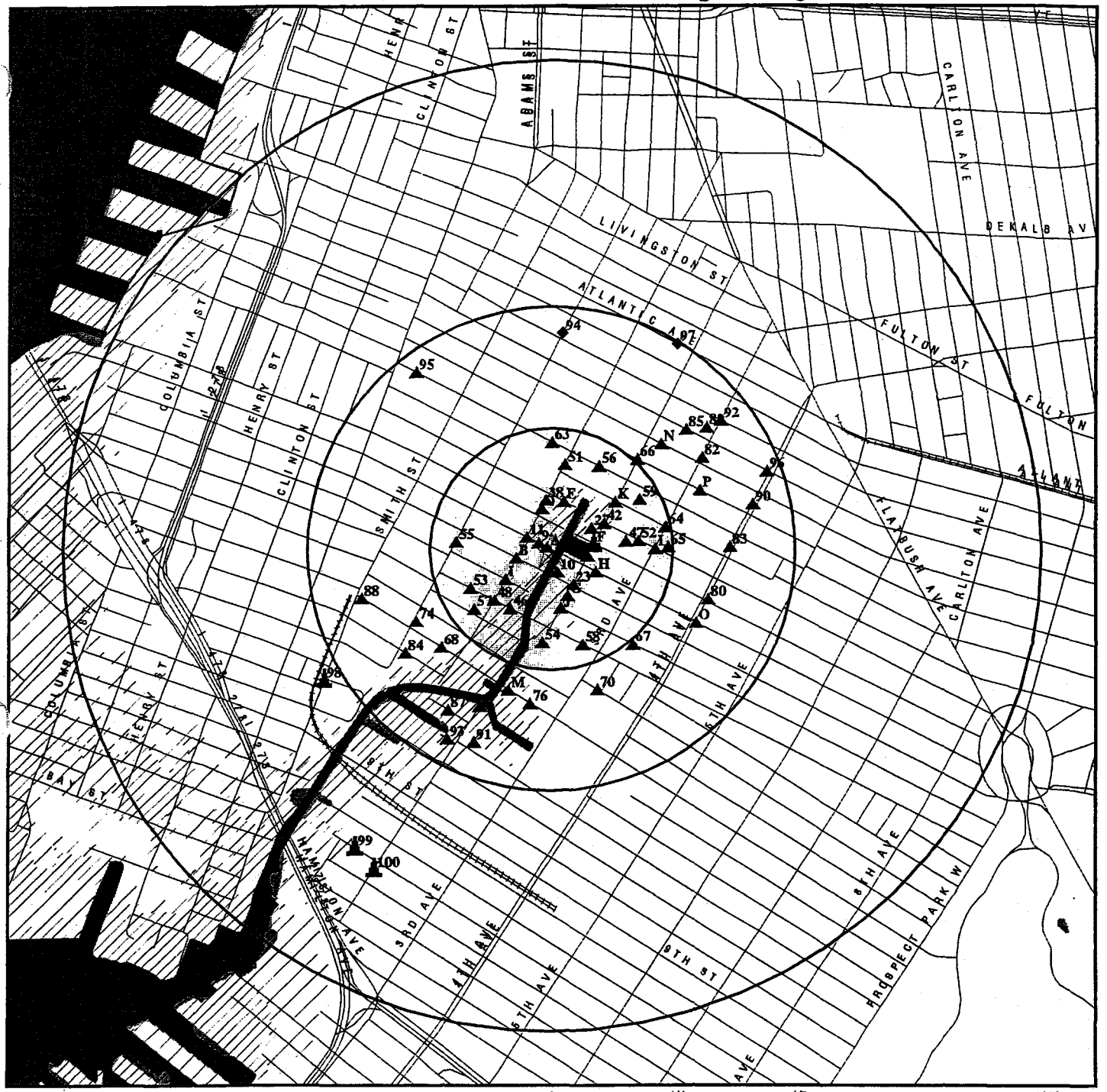
Site Name	Database(s)
CARROL GARDEN	CERC-NFRAP
BKLYN UNION GAS /FULTON MUNI WORK	CERC-NFRAP
PEREZ INTERBORO ASPHALT C	SWF/LF
SMITH STREET	NY Spills, SWF/LF
DICENT SERVICE STATION	RCRIS-SQG, FINDS
MTA NYCT - HOYT SCHERMERHORN STATION	RCRIS-SQG, FINDS
DCAS	RCRIS-SQG, FINDS
NYCDEP - SHAFT 16A	RCRIS-SQG, FINDS
NYC BD OF ED - PUBLIC SCHOOL 369 BKLYN	RCRIS-SQG, FINDS
NYCDOT BRIDGE BIN 2240250	RCRIS-LQG, FINDS
29TH STREET AND 2ND AVE GOWANUS GAS TURBINE SITE	ERNS
29TH ST AND 2ND AVE GOWANUS GAS TURBINE SITE	ERNS
33RD AND 2ND AVE GOWANUS CANAL	ERNS
IN A CANAL NEXT TO THE COMPANY	ERNS
6TH ST BASIN GOWANS CANAL	ERNS
CANAL	ERNS
COWANUS CANAL 29TH STREET AND 2ND AVE	ERNS
GOWANUS GAS TURBINE SITE 29TH ST AND 2ND AVE	ERNS
GOWANUS CANAL /NEAR THE HAMILTON AVE BRIDGE	ERNS
GOWANUS CANAL AND 9TH ST.	ERNS
GOWANUS CANAL BETWEEN 23RD AND 27TH STREET	ERNS
EAST RIVER SOUTH OF GOWANUS GAS TURBINE SITE AT 29TH ST AND	ERNS
PM 2341	NY Spills
43RD ST BETWEEN	NY Spills
MANHOLE 66771	NY Spills
SB 38848	NY Spills
MANHOLE 57618	NY Spills
ATLAS GAS STATION	NY Spills
3RD AV YARD INFO STOREROO	NY Spills
MANHOLE 74514	NY Spills
GOWANUS SUBSTATION	NY Spills
GOWANUS SUBSTATION	NY Spills
GOWNUS SUB STATION	NY Spills
GOWNUS SUB STATION	NY Spills
GOWNUS SUB STATION	NY Spills
GUANAS SUB-STATION	NY Spills
CON EDISON	NY Spills
SOUTH 2ND ST.	NY Spills
MANHOLE 6471	NY Spills
MANHOLE 63639	NY Spills
DAVIDSON PIPE SUPPLY CO	NY Spills
3RD ST BRIDGE SHEEN,BKLYN	NY Spills
MANHOLE #64857	NY Spills
BTWN 57 & 58TH ST	NY Spills
MANHOLE 33640	NY Spills
MANHOLE # 66770	NY Spills
BAY RIDGE CANAL - 57TH ST	NY Spills
57TH ST. & 2ND AVENUE	NY Spills
ANTON JUNIC ENTERPRISES	NY Spills
CON ED YARD	NY Spills
SLATING OIL AT	NY Spills
VAULT 3471	NY Spills
MANHOLE #38662	NY Spills
GOWANUS SUB STATION	NY Spills
GOWANUS SUB STATION	NY Spills
2NS AVE & E. 154TH ST	NY Spills
AVEU/BETWEEN E. 1ST & 2ND	NY Spills
GOWANS SUB STATION	NY Spills
GAS STATION	NY Spills

1ST AVE BET 50 & 51ST STS	NY Spills
MANHOLE 5354	NY Spills
OLD GAS STATION	NY Spills
23RD STREET AND	NY Spills
EAGLE GAS	NY Spills
MH 5553	NY Spills
3RD AVE/27TH ST	NY Spills
1ST AVE/SURF AVE & W. 10	NY Spills
VS6462	NY Spills
PRESIDENT STREET	NY Spills
14 MAJETA STREET	NY Spills
MANHOLE 2527	NY Spills
MANHOLE TM606	NY Spills
CARROLL ST. & UNION ST BR	NY Spills
CON EDISON/NORTH 1ST ST	NY Spills
MANHOLE 6266	NY Spills
MANHOLE #20850	NY Spills
DOMINO SUGAR/S 2ND ST	NY Spills
WYCKOFF AVE	NY Spills
MANHOLE 19758	NY Spills
GOWANIS HWY BY 65TH ST	NY Spills
GOWANUS PUMP STA. BYPASS	NY Spills
51 9TH ST	NY Spills
VS 3203	NY Spills
4TH STREET	NY Spills
SE CORNER STATE &	NY Spills
VAULT #2753	NY Spills
20 FT W OF PRESIDENT ST	NY Spills
ON HWY KENT AVE-EXIT OF	NY Spills
VAULT 2905	NY Spills
SERVICE BOX 37792	NY Spills
CLINTON ST AND	NY Spills
MANHOLE #1399	NY Spills
BOX 38486	NY Spills
MILL BASIN CANAL FLATBUSH	NY Spills
GOWANS CANAL	NY Spills
MAN HOLE #1501	NY Spills
VAULT 4412	NY Spills
NEVINS ST	NY Spills
VAULT 4500	NY Spills
TM 105	NY Spills
TM# 2464	NY Spills
BEHIND WHITMAN DR	NY Spills
MANHOLE 6062	NY Spills
38 PAERDEMAT 3RD ST	NY Spills
VS # 3248	NY Spills
RODNEY ST NEAR S 1ST ST	NY Spills
VERRAZANO BRIDGE	NY Spills
MANHOLE #43243	NY Spills
GOWANAS CANAL	NY Spills
ENG CO. 221 - 161 SOUTH	NY Spills
BROOKLYN WEST 6	NY Spills
335 81ST ST/3RD & 4TH AVE	NY Spills
GOWANUS SUB STATION	NY Spills
MANHOLE 4932	NY Spills
MAN HOLE #4934	NY Spills
MONTROSE AV	NY Spills
VAULT #2720	NY Spills
SB 45173	NY Spills
TM 2470	NY Spills
BUG, FULTON MUNICIPAL WORKS	HSWDS
USPS GOWANUS SITE, FORMER MGP METROPOLIT	VCP

EXECUTIVE SUMMARY

HARBOR ESTATES PROPERTY	VCP
PFIZER (ORGANICS/SUCIAC BLOCK)	VCP

OVERVIEW MAP - 871320.3s - Galli Engineering PC



0 1/4 1/2 1 Miles

★ 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

County Boundary
Power transmission lines
Oil & Gas pipelines
100-year flood zone
500-year flood zone
Wetlands

N

TARGET PROPERTY:	Gowanus Canal	CUSTOMER:	Galli Engineering PC
ADDRESS:	510 Sackett Street	CONTACT:	Bill Conroy
CITY/STATE/ZIP:	Brooklyn NY 11217	INQUIRY #:	871320.3s
LAT/LONG:	40.6802 / 73.9882	DATE:	December 13, 2002 7:54 am

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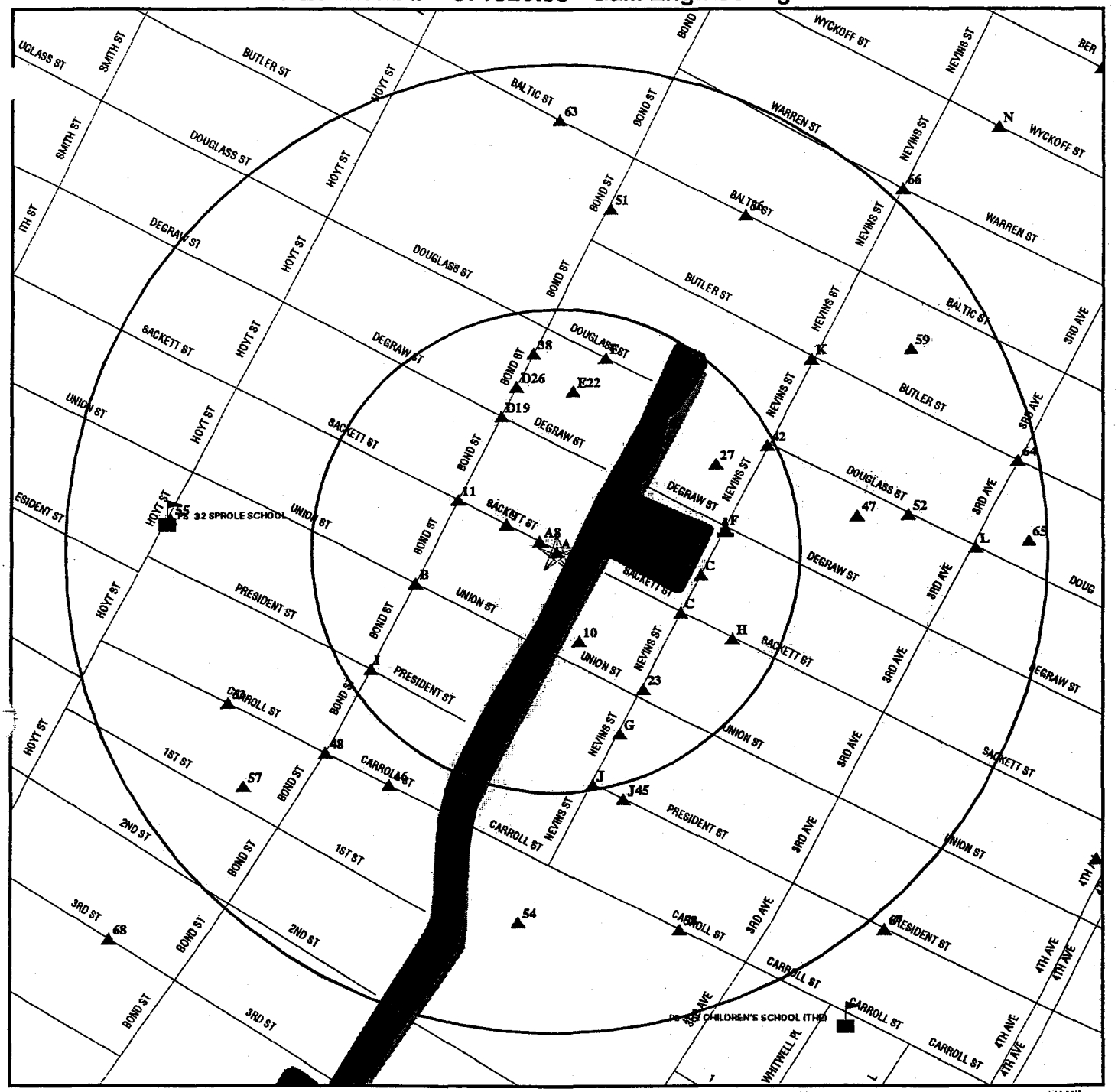
DETAIL MAP - 871320.3s - Galli Engineering PC



- ★ 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
- County Boundary
- Power transmission lines
- Oil & Gas pipelines
- Wetlands

TARGET PROPERTY:	Gowanus Canal	CUSTOMER:	Galli Engineering PC
ADDRESS:	510 Sackett Street	CONTACT:	Bill Conroy
CITY/STATE/ZIP:	Brooklyn NY 11217	INQUIRY #:	871320.3s
LAT/LONG:	40.6802 / 73.9882	DATE:	December 13, 2002 7:55 am

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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 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	0	NR	NR	0
CERC-NFRAP		0.250	1	0	NR	NR	NR	1
CORRACTS		1.000	0	0	1	0	NR	1
RCRIS-TSD		0.500	0	0	0	NR	NR	0
RCRIS Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRIS Sm. Quan. Gen.	X	0.250	11	11	NR	NR	NR	22
ERNS	X	0.125	1	NR	NR	NR	NR	1
STATE ASTM STANDARD								
State Haz. Waste		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	1	2	NR	NR	3
LTANKS		0.500	1	4	27	NR	NR	32
UST		0.250	10	5	NR	NR	NR	15
CBS UST		0.250	0	0	NR	NR	NR	0
MOSF UST	X	0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
SWTIRE		0.500	0	0	0	NR	NR	0
SWRCY		0.500	0	0	2	NR	NR	2
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	X	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
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	X	TP	NR	NR	NR	NR	NR	0
STATE OR LOCAL ASTM SUPPLEMENTAL								
HSWDS		0.500	0	0	0	NR	NR	0
AST		0.125	4	NR	NR	NR	NR	4
CBS AST		0.250	1	0	NR	NR	NR	1
MOSF AST		0.500	0	0	0	NR	NR	0
NY Spills	X	0.125	14	NR	NR	NR	NR	14

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
EDR PROPRIETARY HISTORICAL DATABASES								
Coal Gas		1.000	1	0	0	3	NR	4
AQUIFLOW - see EDR Physical Setting Source Addendum								

TP = Target Property

NR = Not Requested at this Search Distance

* Sites may be listed in more than one database

510 SACKET ST/BKLYN (Continued) **S102146152**

SPILLS:

Spill Number:	9011319	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
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
Spiller Contact:	Not reported	Spiller Phone:	(718) 720-7207
Spiller:	ECKLOFF MARINE		
Spiller Address:	Not reported		
Spill Class:	Not reported		
Spill Closed Dt:	01/25/1991		
Spill Cause:	Equipment Failure	Resource Affected:	Surface Water
Water Affected:	GOWANUS CANAL	Spill Source:	Vessel
Spill Notifier:	Other	PBS Number:	Not reported
Spill Date:	01/25/1991 16:00	Reported to Dept:	01/25/1991 16:41
Cleanup Ceased:	01/25/1991		
Last Inspection:	Not reported		

Cleanup Meets Standard: True
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: Not reported
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 02/08/1991
Date Region Sent Summary to Central Office: 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:	25
Units:	Gallons
Unknown Qty Spilled:	25
Quantity Recovered:	0
Unknown Qty Recovered:	False
Material:	#2 FUEL OIL
Class Type:	Petroleum
Chem Abstract Service Number:	#2 FUEL OIL
Last Date:	12/07/1994
Num Times Material Entry In File:	24464

Remark: BARGE-GOWANUS TRADER LEAKING,NYCFD,USCG DEC ON SITE,SPILL BOOMED OFF SORBENTS BEING USED,PUMPING OUT COMPARTMENT OF BARGE,ECKLOFF S SPIL L CREW CLEANED UP SPILL OFFLOADED BARGE.

DEC Remarks: Not reported

A4 Target Property — **510 SACKETT**, **510 SACKETT**, **BROOKLYN, NY**

Database(s): **ERNS** | EDR ID Number: **90184666** | EPA ID Number: **N/A**

Site 4 of 8 in cluster A

A5 Target Property — **BAYSIDE FUEL OIL DEPOT CORP.**, **510 SACKETT ST.**, **BROOKLYN, NY 11231**

Database(s): **MOSF UST** | EDR ID Number: **S103275956** | EPA ID Number: **N/A**

Site 5 of 8 in cluster A

MOSF UST:

Facility ID:	2-1220	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) 625-5932
Owner:	ALFRED ALLEGRETTI BAYSIDE FUEL OIL DEPOT CORP. 1776 SHORE PARKWAY BROOKLYN, NY 11214		
Owner Tel:	(718) 372-9800	Owner Type:	UNDEFINED
Mail To:	BAYSIDE FUEL OIL DEPOT CORP. 1776 SHORE PARKWAY P.O. BOX 140128 BROOKLYN, NY 11214 ATTN: ALFRED ALLEGRETTI (718) 372-9800		
Owner Status:	1	COI Date:	/ /
Legal Agent:	ALFRED ALLEGRETTI 1776 SHORE PARKWAY BROOKLYN, NY 11214		
Date Filed:	03/65	CBS Number:	Not reported
Emerg Contact:	VINCENT ALLEGRETTI, (718) 625-5932		
SPDES Num:	Not reported		
Total Tanks:	2	Total Capacity:	1501000
Tank Status:	In Service		
Status of Data:	Complete		
Avg Throughput:	60000	License Stat:	Issued
License Issued:	04/01/2000	Expiration Date:	03/31/2005
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge		
Applic Rcvd:	01/31/2000	Tank ID:	A-B-C
Tank Location:	Underground		
Install Date:	12/47	Capacity (Gal):	1500000
Product:	Nos. 1, 2, or 4 Fuel Oil	Tank Internal:	Epoxy Liner
Tank Type:	Steel/carbon steel		
Tank External:	13		
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Submersible
Pipe External:	13		
Second Contain:	None		
Leak Detection:	Groundwater Well		
Overfill Protection:	20		
Test Date:	12/96	Date Closed:	Not reported
Lat/Long:	40|40|50 / 73|59|20		
Inspected Date:	12/03/1998		
Inspector Initials:	AS		
Owner Mark:	1	Operator Name:	VINCENT ALLEGRETTI
Prod Xfer Options:	AC	Operator Name:	VINCENT ALLEGRETTI
Inspector Status:	Not reported	License Issued:	04/01/2000

BAYSIDE FUEL OIL DEPOT CORP. (Continued) **S103275956**

Vessel Id:	Not reported	Renew Date:	11/16/1999
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1220	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) 625-5932
Owner:	ALFRED ALLEGRETTI BAYSIDE FUEL OIL DEPOT CORP. 1776 SHORE PARKWAY BROOKLYN, NY 11214		
Owner Tel:	(718) 372-9800	Owner Type:	UNDEFINED
Mail To:	BAYSIDE FUEL OIL DEPOT CORP. 1776 SHORE PARKWAY P.O. BOX 140128 BROOKLYN, NY 11214 ATTN: ALFRED ALLEGRETTI (718) 372-9800		
Owner Status:	1	COI Date:	/ /
Legal Agent:	ALFRED ALLEGRETTI 1776 SHORE PARKWAY BROOKLYN, NY 11214		
Date Filed:	03/65	CBS Number:	Not reported
Emerg Contact:	VINCENT ALLEGRETTI, (718) 625-5932		
SPDES Num:	Not reported		
Total Tanks:	2	Total Capacity:	1501000
Tank Status:	In Service		
Status of Data:	Complete		
Avg Throughput:	60000	License Stat:	Issued
License Issued:	04/01/2000	Expiration Date:	03/31/2005
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge		
Applic Rcvd:	01/31/2000	Tank ID:	BOILER TANK
Tank Location:	Underground		
Install Date:	12/47	Capacity (Gal):	1000
Product:	Nos. 1, 2, or 4 Fuel Oil	Tank Internal:	Epoxy Liner
Tank Type:	Steel/carbon steel		
Tank External:	13		
Pipe Location:	Underground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	13		
Second Contain:	None		
Leak Detection:	Groundwater Well		
Overfill Protection:	24		
Test Date:	08/79	Date Closed:	Not reported
Lat/Long:	40|40|50 / 73|59|20		
Inspected Date:	12/03/1998		
Inspector Initials:	AS		
Owner Mark:	1	Operator Name:	VINCENT ALLEGRETTI
Prod Xfer Options:	AC	Operator Name:	VINCENT ALLEGRETTI
Inspector Status:	Not reported	License Issued:	04/01/2000
Vessel Id:	Not reported	Renew Date:	11/16/1999
Pipe Flag:	True	Renew Flag:	True

A6 **510 SACKETT ST/BKLYN** **NY Spills** **S103560346**
Target **510 SACKET STREET** **N/A**
Property **NEW YORK CITY, NY**

Site 6 of 8 in cluster A

510 SACKETT ST/BKLYN (Continued) S103560346

SPILLS:

Spill Number:	9011318	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	SIGONA	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
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	TANK BARGE-GOWANUS TRADER		
Spiller Address:	Not reported		
Spill Class:	Not reported		
Spill Closed Dt:	01/26/1991		
Spill Cause:	Other	Resource Affected:	Surface Water
Water Affected:	GOWANUS CANAL	Spill Source:	Vessel
Spill Notifier:	Federal Government	PBS Number:	Not reported
Spill Date:	01/25/1991 16:00	Reported to Dept:	01/25/1991 16:34
Cleanup Ceased:	01/26/1991		
Last Inspection:	Not reported		

Cleanup Meets Standard:	True
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Date:	Not reported
Enforcement Date:	Not reported
Investigation Complete:	Not reported
UST Involvement:	False
Spill Record Last Update:	Not repdrted
Is Updated:	False
Corrective Action Plan Submitted:	Not reported
Date Spill Entered In Computer Data File:	02/08/1991
Date Region Sent Summary to Central Office:	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:	20
Units:	Gallons
Unknown Qty Spilled:	20
Quantity Recovered:	0
Unknown Qty Recovered:	False
Material:	#2 FUEL OIL
Class Type:	Petroleum
Chem Abstract Service Number:	#2 FUEL OIL
Last Date:	12/07/1994
Num Times Material Entry In File:	24464

Remark: HOLE IN ONE OF THE COMPARTMENTS OF THE BARGE,HOLE BELOW WATERLINE, PR ODUCT RELEASED IS APPROX 25GAL,BOOMS SORBENT PADS ARE IN PLACE, LEAK STOPPED BY PUMPING OUT THE LEAKING COMPARTMENT.

DEC Remarks: 01/26/91: NYCFD,USCG NYSDEC RESPONDED TO SPILL,CLEAN UP SITUATION UN DER CONTROL.

A7 **510 SACKETT ST** NY Spills S102240352
Target **510 SACKETT ST** N/A
Property **BROOKLYN, NY**

Site 7 of 8 in cluster A

SPILLS:

Spill Number:	9604267	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	TANG	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
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	BAYSIDE OIL CO		
Spiller Address:	510 SACKETT ST BROOKLYN, NY		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	06/28/1996		
Spill Cause:	Deliberate	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Spill Notifier:	Local Agency	PBS Number:	Not reported
Spill Date:	06/28/1996 15:42	Reported to Dept:	06/28/1996 16:01
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported		

Cleanup Meets Standard:	False
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Date:	Not reported
Enforcement Date:	Not reported
Investigation Complete:	Not reported
UST Involvement:	False
Spill Record Last Update:	07/02/1996
Is Updated:	False
Corrective Action Plan Submitted:	Not reported
Date Spill Entered In Computer Data File:	06/28/1996
Date Region Sent Summary to Central Office:	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:	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:	09/29/1994
Num Times Material Entry In File:	21329
Material Class Type:	1
Quantity Spilled:	0

510 SACKETT ST (Continued) **S102240352**

Units: Gallons
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: True
Material: UNKNOWN PETROLEUM
Class Type: Petroleum
Chem Abstract Service Number: UNKNOWN PETROLEUM
Last Date: 09/29/1994
Num Times Material Entry In File: 16414
Remark: REPORTING PERSON WORKS FOR BAYSIDE OIL HE WAS ASK TO CLEAN UP MATERAL WHICH IS IN DRUMS AT LOCATION - DRUMS APPEARENTLY ARE LEAKING AND HE WO ULD NOT CLEAN UP THE MATERAL DUE TO THE HAZARD HE CALLED DEPT OF ENVIRO . PROTECTION WHO INTERN CALLED US-- ALONG WITH ABOVE MATERAL THERE IS A LSO LOOSE ASBESTOS ON SITE
DEC Remarks: Not reported

A8 **NY Spills S104648107**
WNW **505 SACKETT STREET** **N/A**
< 1/8 **BROOKLYN, NY**
54 ft.
Higher **Site 8 of 8 in cluster A**

SPILLS:
Spill Number: 9809650
Facility Contact: Not reported
Investigator: ENGELHARDT
Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
Spiller Contact: Not reported
Spiller: CON EDISON
Spiller Address: 4 IRVING PLACE
NEW YORK, NY 10003
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: Not reported
Spill Cause: Unknown
Water Affected: Not reported
Spill Notifier: Responsible Party
Spill Date: 11/02/1998 09:00
Cleanup Ceased: Not reported
Last Inspection: Not reported
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 11/06/1998
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 11/02/1998
Date Region Sent Summary to Central Office: Not reported
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported

Region of Spill: 2
Facility Tele: Not reported
SWIS: 61
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Spiller Phone: (212) 580-6763
Resource Affected: On Land
Spill Source: Other Commercial/Industrial
PBS Number: Not reported
Reported to Dept: 11/02/1998 09:52

(Continued) S104648107

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: 1
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
Remark: MANHOLE 56074. 1 QUART IN MANHOLE. NO SEWERS OR DRAINS. SAMPLES TAKEN . TO BE CLEANED UP PENDING TESTS RESULTS. CON EDISON REFERENCE NUMBER 1 20966.
DEC Remarks: Not reported

---

9 WNW < 1/8 154 ft. Higher

SACKETT STREET GARAGE
498-502 SACKETT STREET
BROOKLYN NY, NY 11231

UST U003074650
AST N/A

PBS UST:

PBS Number:	2-017590	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	ANTHONY NATALE (718) 946-4000		
Emergency Contact:	VINCENT ALLEGRETTI (917) 641-2052		
Total Tanks:	3		
Owner:	BAYSIDE FUEL OIL CORP 180 SHORE PARKWAY BROOKLYN, NY 11214 (718) 946-4000		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	BAYSIDE FUEL OIL CORP ATTN: FREDERICK J. CAPURO 1810 SHORE PARKWAY BROOKLYN, NY 11214 (718) 976-4000		
Tank Status:	In Service		
Capacity (gals):	4000		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	06/01/1979
Tank Type:	Steel/carbon steel	Product Stored:	UNLEADED GASOLINE
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Underground	Pipe Type:	GALVANIZED STEEL
Tank External:	NONE/IMPRESSED CURRENT		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE/IMPRESSED CURRENT		
Second Containment:	NONE/NONE		
Leak Detection:	NONE/IN-TANK SYSTEM		
Overfill Prot:	High Level Alarm, Catch Basin	Dispenser:	Suction
Date Tested:	10/01/1997	Next Test Date:	Not reported

SACKETT STREET GARAGE (Continued) U003074650

Date Closed:	Not reported	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:	4550	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	11/12/1997
Old PBS Number:	Not reported	Expiration Date:	10/23/2002
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 AST:

PBS Number:	2-017590	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:	Corporate/Commercial		
Owner Sub Type:	Not reported		
Owner:	BAYSIDE FUEL OIL CORP 180 SHORE PARKWAY BROOKLYN, NY 11214		
Owner Phone:	(718) 946-4000		
Facility Phone:	(718) 946-4000		
Operator:	ANTHONY NATALE		
Emergency Name:	VINCENT ALLEGRETTI		
Emergency Phone:	(917) 641-2052		
Total Tanks:	3		
Total Capacity:	4550		
Tank ID:	002		
Capacity (Gal):	275		
Missing Data for Tank :	No data missing		
Tank Location:	ABOVEGROUND		
Product Stored:	LUBE OIL		
Tank Type:	Steel/carbon steel		
Install Date:	06/01/1985		
Tank Internal:	NONE		
Tank External:	NONE/NONE		
Tank Containment:	NONE/NONE		
Pipe Type:	STEEL/IRON		
Pipe Location:	Aboveground		
Pipe Internal:	NONE		
Pipe External:	NONE/NONE		
Leak Detection:	NONE/NONE		
Overfill Protection:	Product Level Gauge		
Dispenser Method:	Gravity		
Date Tested:	/ /	Next Test Date:	/ /
Date Closed:	/ /	Test Method:	Not reported
Updated:	True	Deleted:	False
Date Inspected:	Not reported	Inspector:	Not reported

SACKETT STREET GARAGE (Continued) U003074650

Result of Inspection:	Not reported		
Mailing Name:	BAYSIDE FUEL OIL CORP		
Mailing Address:	1810 SHORE PARKWAY		
	BROOKLYN, NY 11214		
Mailing Contact:	FREDERICK J. CAPURO		
Mailing Telephone:	(718) 976-4000		
Owner Mark:	First Owner	Expiration Date:	10/23/2002
Certification Flag:	False	Certification Date:	11/12/1997
Renew Flag:	False	Renew Date:	/ /
Lat/Long:	Not reported		
Dead Letter:	False		
Facility Screen:	Minor data missing		
Owner Screen:	No 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:	2-017590	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:	Corporate/Commercial		
Owner Sub Type:	Not reported		
Owner:	BAYSIDE FUEL OIL CORP		
	180 SHORE PARKWAY		
	BROOKLYN, NY 11214		
Owner Phone:	(718) 946-4000		
Facility Phone:	(718) 946-4000		
Operator:	ANTHONY NATALE		
Emergency Name:	VINCENT ALLEGRETTI		
Emergency Phone:	(917) 641-2052		
Total Tanks:	3		
Total Capacity:	4550		
Tank ID:	003		
Capacity (Gal):	275		
Missing Data for Tank :	Minor data missing		
Tank Location:	ABOVEGROUND		
Product Stored:	LUBE OIL		
Tank Type:	Steel/carbon steel		
Install Date:	06/01/1985		
Tank Internal:	Not reported		
Tank External:	Not reported		
Tank Containment:	NONE/NONE		
Pipe Type:	STEEL/IRON		
Pipe Location:	Aboveground		
Pipe Internal:	NONE		
Pipe External:	NONE/NONE		
Leak Detection:	NONE/NONE		
Overfill Protection:	Product Level Gauge		
Dispenser Method:	Gravity		
Date Tested:	/ /	Next Test Date:	/ /
Date Closed:	/ /	Test Method:	Not reported

SACKETT STREET GARAGE (Continued) **U003074650**

Updated:	True	Deleted:	False
Date Inspected:	Not reported	Inspector:	Not reported
Result of Inspection:	Not reported		
Mailing Name:	BAYSIDE FUEL OIL CORP		
Mailing Address:	1810 SHORE PARKWAY BROOKLYN, NY 11214		
Mailing Contact:	FREDERICK J. CAPURO		
Mailing Telephone:	(718) 976-4000		
Owner Mark:	First Owner	Expiration Date:	10/23/2002
Certification Flag:	False	Certification Date:	11/12/1997
Renew Flag:	False	Renew Date:	/ /
Lat/Long:	Not reported		
Dead Letter:	False		
Facility Screen:	Minor data missing		
Owner Screen:	No 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

10
SSE
< 1/8
253 ft.
Higher

NYSDOT UNION ST BRIDGE **RCRIS-SQG** **1000555037**
UNION ST BRG - GOWANUS CANAL **FINDS** **NYD986975324**
BROOKLYN, NY 11201

RCRIS:
Owner: NYSDOT
(212) 555-1212
EPA ID: NYD986975324
Contact: MUHAMMAD AFZAL
(212) 414-7172
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

11
WNW
< 1/8
301 ft.
Higher

BAYSIDE FUEL OIL COMPANY **NY Spills** **S103574768**
285 BOND STREET **N/A**
BROOKLYN, NY

SPILLS:

Spill Number:	9810785	Region of Spill:	2
Facility Contact:	TONY NATALE	Facility Tele:	(718) 946-7889
Investigator:	SACCACIO	SWIS:	61
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported

BAYSIDE FUEL OIL COMPANY (Continued) **S103574768**

Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Spiller Contact: TONY NATALE
Spiller Phone: (718) 372-9800
Spiller: BAYSIDE FUEL OIL COMPANY
Spiller Address: 285 BOND STREET
BROOKLYN, NY
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: Not reported
Spill Cause: Equipment Failure
Resource Affected: On Land
Water Affected: Not reported
Spill Source: Other Commercial/Industrial
Spill Notifier: Responsible Party
PBS Number: Not reported
Spill Date: 11/25/1998 11:00
Reported to Dept: 11/25/1998 11:41
Cleanup Ceased: Not reported
Last Inspection: Not reported
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 10/16/2000
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 11/25/1998
Date Region Sent Summary to Central Office: 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: 20
Units: Gallons
Unknown Qty Spilled: 20
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: DIESEL
Class Type: Petroleum
Chem Abstract Service Number: DIESEL
Last Date: 07/28/1994
Num Times Material Entry In File: 10625
Remarks: SUCTION LINE LEAK
DEC Remarks: Not reported

B12 **NYCDOT BIN 2240270** **RCRIS-SQG 1001090370**
WSW **UNION ST BRIDGE OVER** **FINDS NYR000022079**
< 1/8 **BROOKLYN, NY 11231**
379 ft.
Higher **Site 1 of 4 in cluster B**

NYCDOT BIN 2240270 (Continued) **1001090370**

RCRIS:
Owner: NYCDOT
(212) 788-2083
EPA ID: NYR000022079
Contact: JOHN ANZALONE
(212) 788-2083
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

NY MANIFEST
Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

C13 **CHATHAM CLEANERS INC** **RCRIS-SQG 1000407106**
ESE **280 NEVINS ST** **FINDS NYD981133747**
< 1/8 **BROOKLYN, NY 11217**
379 ft.
Higher **Site 1 of 5 in cluster C**

RCRIS:
Owner: Not reported
EPA ID: NYD981133747
Contact: BORIS WEISS
(718) 834-6060
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

NY MANIFEST
Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
AIRS Facility System (AIRS/AFS)
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

B14 **VACANT BUILDING** **NY Spills S105057992**
WSW **450 UNION ST** **N/A**
< 1/8 **BROOKLYN, NY**
390 ft.
Higher **Site 2 of 4 in cluster B**

SPILLS:
Spill Number: 0102612
Facility Contact: JAMES RIGNEY
Investigator: SANGESLAND
Caller Name: Not reported
Caller Phone: Not reported
Region of Spill: 2
Facility Tele: (718) 923-8003
SWIS: 61
Caller Agency: Not reported
Caller Extension: Not reported

VACANT BUILDING (Continued) **S105057992**

Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Spiller Contact: JAMES RIGNEY
Spiller Phone: (718) 923-8003
Spiller: VACANT BUILDING
Spiller Address: 450 UNION ST
BROOKLYN, NY
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: Not reported
Spill Cause: Unknown
Resource Affected: On Land
Water Affected: Not reported
Spill Source: Other Commercial/Industrial
Spill Notifier: Other
PBS Number: Not reported
Spill Date: 06/08/2001 10:00
Reported to Dept: 06/08/2001 10:24
Cleanup Ceased: Not reported
Last Inspection: Not reported
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 07/16/2001
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 06/08/2001
Date Region Sent Summary to Central Office: 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: 0
Units: Gallons
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #2 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry In File: 24464
Remark: CONTAMINATED SOIL FOUND AT LOCATION AFTER SOIL SAMPLES WERE TAKEN. PROPERTY ACROSS ST FROM LOCATION IS AN OIL DEPOT.
DEC Remarks: 7/16/2001 Testing was done. Borings along Union st. all samples were high Took water samples along union St. along Gowanas Canal and inside the building all water samples were clean). Bayside Fuel is across the street from this site.

B15 **THOMAS PAULSON & SON INC** **RCRIS-SQG 1000296296**
WSW **450 UNION ST** **FINDS NYD001263136**
< 1/8 **BROOKLYN, NY 11231**
390 ft.
Higher **Site 3 of 4 in cluster B**

THOMAS PAULSON & SON INC (Continued) **1000296296**

RCRIS:
Owner: Not reported
EPA ID: NYD001263136
Contact: IRVIN SCHLANSKY
(718) 625-2936
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
AIRS Facility System (AIRS/AFS)
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)
Toxic Chemical Release Inventory System (TRIS)

B16 **MANHOLE 2526** **NY Spills** **S104193529**
WSW **UNION ST/BOND ST** **N/A**
< 1/8 **BROOKLYN, NY**
390 ft.
Higher **Site 4 of 4 in cluster B**

SPILLS:

Spill Number:	9905323	Region of Spill:	2
Facility Contact:	CALLER	Facility Tele:	( ) -
Investigator:	O'CONNELL	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
Spiller Contact:	CALLER	Spiller Phone:	Not reported
Spiller:	CON ED		
Spiller Address:	4 IRVING PL MANHATTEN, NY 10003		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	Not reported		
Spill Cause:	Equipment Failure	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Spill Notifier:	Responsible Party	PBS Number:	Not reported
Spill Date:	08/03/1999 09:35	Reported to Dept:	08/03/1999 10:46
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported		

Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 08/03/1999
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 08/03/1999
Date Region Sent Summary to Central Office: Not reported
Tank Test:

MANHOLE 2526 (Continued) **S104193529**

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: DIELECTRIC FLUID
Class Type: Petroleum
Chem Abstract Service Number: DIELECTRIC FLUID
Last Date: Not reported
Num Times Material Entry In File: 41
Remarks: 1qt on 100 gallons water. con ed 126006. samples.
DEC Remarks: Not reported

This is the most recent NY SPILLS record for this site.
The NY SPILLS database contains 1 additional record for this site.
Please contact your EDR Account Executive for more information.

C17 **T E CONKLIN BRASS&COPPER CO,IN** **UST** **1000551031**
East **270 NEVINS STREET** **N/A**
< 1/8 **BKLN, NY 11217**
398 ft.
Higher **Site 2 of 5 in cluster C**

PBS UST:

PBS Number:	2-349216	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	T E CONKLIN BRASS&COPPER CO,IN (718) 643-6360		
Emergency Contact:	THOMAS FAILLA (516) 536-4568		
Total Tanks:	0		
Owner:	NEVINS CANAL CORP 116 JOHN ST RM 312 NEW YORK, NY 10038 (212) 349-5618		
Owner Type:	Not reported		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	NEVINS CANAL CORP 116 JOHN ST RM 312 NEW YORK, NY 10038 (212) 349-5618		
Tank Status:	Closed - In Place		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	DIESEL
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		

T E CONKLIN BRASS&COPPER CO,IN (Continued) **1000551031**

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:	04/01/1993	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:	0	Renewal Date:	Not reported
Tank Screen:	0	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	05/19/1988
Old PBS Number:	Not reported	Expiration Date:	05/19/1993
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:	2-349216	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	T E CONKLIN BRASS&COPPER CO,IN (718) 643-6360		
Emergency Contact:	THOMAS FAILLA (516) 536-4568		
Total Tanks:	0		
Owner:	NEVINS CANAL CORP 116 JOHN ST RM 312 NEW YORK, NY 10038 (212) 349-5618		
Owner Type:	Not reported		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	NEVINS CANAL CORP 116 JOHN ST RM 312 NEW YORK, NY 10038 (212) 349-5618		
Tank Status:	Closed - In Place		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	002	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	DIESEL
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:	NONE		
Leak Detection:	NONE		
Overfill Prot:	Product Level Gauge	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	04/01/1993	Test Method:	Not reported
Deleted:	False	Updated:	True

T E CONKLIN BRASS&COPPER CO,IN (Continued) **1000551031**

Dead Letter:	False	Owner Screen:	Minor 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:	Minor data missing
Certification Flag:	False	Certification Date:	05/19/1988
Old PBS Number:	Not reported	Expiration Date:	05/19/1993
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:	2-349216	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	T E CONKLIN BRASS&COPPER CO,IN (718) 643-6360		
Emergency Contact:	THOMAS FAILLA (516) 536-4568		
Total Tanks:	0		
Owner:	NEVINS CANAL CORP 116 JOHN ST RM 312 NEW YORK, NY 10038 (212) 349-5618		
Owner Type:	Not reported		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	NEVINS CANAL CORP 116 JOHN ST RM 312 NEW YORK, NY 10038 (212) 349-5618		
Tank Status:	Closed - In Place		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	003	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:	Not reported		
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:	04/01/1993	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:	0	Renewal Date:	Not reported
Tank Screen:	0	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	05/19/1988
Old PBS Number:	Not reported	Expiration Date:	05/19/1993

T E CONKLIN BRASS&COPPER CO,IN (Continued) **1000551031**

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		

C18 East < 1/8 398 ft. Higher **ADMIRAL METALS** **UST U000408644**
270 NEVINS STREET **AST N/A**
BROOKLYN, NY 11217

Site 3 of 5 in cluster C

PBS UST:

PBS Number:	2-483001	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	TOM FAILLA (718) 858-2808		
Emergency Contact:	HERBERT CHAVES (212) 349-5618		
Total Tanks:	1		
Owner:	NEVINS CANAL CORP 116 JOHN STREET, ROOM 312 NEW YORK, NY 10038 (212) 349-5618		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	NEVINS CANAL CORPORATION ATTN: HERBERT CHAVEZ 116 JOHN STREET, ROOM 312 NEW YORK, NY 10038 (212) 349-5618		
Tank Status:	Closed - Removed		
Capacity (gals):	5000		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	Not reported
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:	10/01/1990	Next Test Date:	Not reported
Date Closed:	08/01/1998	Test Method:	HORNER
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	5000	Renewal Date:	Not reported
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	09/29/2000
Old PBS Number:	Not reported	Expiration Date:	11/16/2005
Inspected Date:	Not reported	Inspector:	Not reported

ADMIRAL METALS (Continued) **U000408644**

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 AST:

PBS Number:	2-483001	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:	NEVINS CANAL CORP 116 JOHN STREET, ROOM 312 NEW YORK, NY 10038		
Owner Phone:	(212) 349-5618		
Facility Phone:	(718) 858-2808		
Operator:	TOM FAILLA		
Emergency Name:	HERBERT CHAVES		
Emergency Phone:	(212) 349-5618		
Total Tanks:	1		
Total Capacity:	5000		
Tank ID:	002		
Capacity (Gal):	5000		
Missing Data for Tank :	No data missing		
Tank Location:	ABOVEGROUND		
Product Stored:	NOS 1,2, OR 4 FUEL OIL		
Tank Type:	Steel/carbon steel		
Install Date:	08/01/1998		
Tank Internal:	NONE		
Tank External:	NONE/PAINTED/ASPHALT COATING		
Tank Containment:	VAULT/NONE		
Pipe Type:	STEEL/IRON		
Pipe Location:	Aboveground		
Pipe Internal:	NONE		
Pipe External:	NONE/NONE		
Leak Detection:	NONE/NONE		
Overfill Protection:	Product Level Gauge, Vent Whistle		
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:	NEVINS CANAL CORPORATION		
Mailing Address:	116 JOHN STREET, ROOM 312 NEW YORK, NY 10038		
Mailing Contact:	HERBERT CHAVEZ		
Mailing Telephone:	(212) 349-5618		
Owner Mark:	First Owner	Expiration Date:	11/16/2005
Certification Flag:	False	Certification Date:	09/29/2000
Renew Flag:	False	Renew Date:	/ /
Lat/Long:	Not reported		

ADMIRAL METALS (Continued) U000408644

Dead Letter: False
Facility Screen: No data missing
Owner Screen: Minor data missing
Tank Screen: No 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

D19 **BAYSIDE FUEL OIL CORP** UST U003074649
NNW **267 BOND STREET** AST N/A
< 1/8 **BROOKLYN, NY 11231**
400 ft.
Higher **Site 1 of 2 in cluster D**

PBS UST:

PBS Number:	2-017574	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	BAYSIDE FUEL OIL CORP (718) 946-7889		
Emergency Contact:	VINCENT ALLEGRETTI (917) 641-2052		
Total Tanks:	3		
Owner:	BAYSIDE FUEL OIL CORP 1810 SHORE PARKWAY BROOKLYN, NY 11214 (718) 946-4000		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	BAYSIDE FUEL OIL CORP ATTN: ANTHONY NATALE/OPER.MGR. 1776 SHORE PARKWAY BROOKLYN, NY 11214 (718) 372-9800		
Tank Status:	Closed - Removed		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	017	Install Date:	12/01/1960
Tank Type:	Steel/carbon steel	Product Stored:	KEROSENE
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/NONE		
Leak Detection:	NONE/NONE		
Overfill Prot:	High Level Alarm	Dispenser:	Submersible
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	12/01/1998	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:	825	Renewal Date:	Not reported
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	11/12/1997
Old PBS Number:	Not reported	Expiration Date:	10/23/2002

BAYSIDE FUEL OIL CORP (Continued) **U003074649**

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:	2-017574	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	BAYSIDE FUEL OIL CORP (718) 946-7889		
Emergency Contact:	VINCENT ALLEGRETTI (917) 641-2052		
Total Tanks:	3		
Owner:	BAYSIDE FUEL OIL CORP 1810 SHORE PARKWAY BROOKLYN, NY 11214 (718) 946-4000		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	BAYSIDE FUEL OIL CORP ATTN: ANTHONY NATALE/OPER.MGR. 1776 SHORE PARKWAY BROOKLYN, NY 11214 (718) 372-9800		
Tank Status:	Closed - Removed		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	12/01/1960
Tank Type:	Steel/carbon steel	Product Stored:	DIESEL
Tank Internal:	0	Pipe Internal:	NONE
Pipe Location:	Above/Underground Combination	Pipe Type:	STEEL/IRON
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	NONE/NONE		
Second Containment:	NONE/NONE		
Leak Detection:	NONE/NONE		
Overfill Prot:	None	Dispenser:	Suction
Date Tested:	10/01/1997	Next Test Date:	Not reported
Date Closed:	12/01/1998	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:	825	Renewal Date:	Not reported
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	11/12/1997
Old PBS Number:	Not reported	Expiration Date:	10/23/2002
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		

BAYSIDE FUEL OIL CORP (Continued) **U003074649**

County Code:	61		
Region:	2		
PBS Number:	2-017574	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	BAYSIDE FUEL OIL CORP (718) 946-7889		
Emergency Contact:	VINCENT ALLEGRETTI (917) 641-2052		
Total Tanks:	3		
Owner:	BAYSIDE FUEL OIL CORP 1810 SHORE PARKWAY BROOKLYN, NY 11214 (718) 946-4000		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	BAYSIDE FUEL OIL CORP ATTN: ANTHONY NATALE/OPER.MGR. 1776 SHORE PARKWAY BROOKLYN, NY 11214 (718) 372-9800		
Tank Status:	Closed - Removed		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	002	Install Date:	12/01/1960
Tank Type:	Steel/carbon steel	Product Stored:	DIESEL
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Above/Underground Combination	Pipe Type:	STEEL/IRON
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	NONE/NONE		
Second Containment:	NONE/NONE		
Leak Detection:	NONE/NONE		
Overfill Prot:	None	Dispenser:	None
Date Tested:	10/01/1997	Next Test Date:	Not reported
Date Closed:	12/01/1998	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:	825	Renewal Date:	Not reported
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	11/12/1997
Old PBS Number:	Not reported	Expiration Date:	10/23/2002
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:	2-017574	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	BAYSIDE FUEL OIL CORP		

BAYSIDE FUEL OIL CORP (Continued) **U003074649**

	(718) 946-7889		
Emergency Contact:	VINCENT ALLEGRETTI		
	(917) 641-2052		
Total Tanks:	3		
Owner:	BAYSIDE FUEL OIL CORP		
	1810 SHORE PARKWAY		
	BROOKLYN, NY 11214		
	(718) 946-4000		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	BAYSIDE FUEL OIL CORP		
	ATTN: ANTHONY NATALE/OPER.MGR.		
	1776 SHORE PARKWAY		
	BROOKLYN, NY 11214		
	(718) 372-9800		
Tank Status:	Closed - Removed		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	003	Install Date:	12/01/1960
Tank Type:	Steel/carbon steel	Product Stored:	DIESEL
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Above/Underground Combination	Pipe Type:	STEEL/IRON
Tank External:	NONE/NONE		
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:	10/01/1997	Next Test Date:	Not reported
Date Closed:	12/01/1998	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:	825	Renewal Date:	Not reported
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	11/12/1997
Old PBS Number:	Not reported	Expiration Date:	10/23/2002
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:	2-017574	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	BAYSIDE FUEL OIL CORP		
	(718) 946-7889		
Emergency Contact:	VINCENT ALLEGRETTI		
	(917) 641-2052		
Total Tanks:	3		
Owner:	BAYSIDE FUEL OIL CORP		
	1810 SHORE PARKWAY		

BAYSIDE FUEL OIL CORP (Continued) U003074649

BROOKLYN, NY 11214
(718) 946-4000

Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	BAYSIDE FUEL OIL CORP ATTN: ANTHONY NATALE/OPER.MGR. 1776 SHORE PARKWAY BROOKLYN, NY 11214 (718) 372-9800		
Tank Status:	Closed - Removed		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	004	Install Date:	12/01/1960
Tank Type:	Steel/carbon steel	Product Stored:	DIESEL
Tank Internal:	0	Pipe Internal:	NONE
Pipe Location:	Above/Underground Combination	Pipe Type:	STEEL/IRON
Tank External:	NONE/NONE		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	NONE/NONE		
Second Containment:	NONE/NONE		
Leak Detection:	NONE/NONE		
Overfill Prot:	None	Dispenser:	Suction
Date Tested:	10/01/1997	Next Test Date:	Not reported
Date Closed:	12/01/1998	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:	825	Renewal Date:	Not reported
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	11/12/1997
Old PBS Number:	Not reported	Expiration Date:	10/23/2002
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		

This is the most recent NY PBS data for this site.
The NY PBS database contains 9 additional records for this site.
Please contact your EDR Account Executive for more information.

PBS AST:

PBS Number:	2-017574	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS Code:	6101
Federal ID:	Not reported	Previous PBS#:	Not reported
Facility Status:	4 - Subpart 360-14 only (active)		
Facility Type:	Not reported		
Owner Type:	Corporate/Commercial		
Owner Sub Type:	Not reported		
Owner:	BAYSIDE FUEL OIL CORP 1810 SHORE PARKWAY BROOKLYN, NY 11214		
Owner Phone:	(718) 946-4000		

Tracer Research
Tracer Research Corporation
1583 Livingston Ave, Unit 6
North Brunswick, NJ 08902

Bayside Fuel Oil, Sacket St Facility
Tanks A, B, C, D & E
1week Data - 29 August 2001

Probe #	Depth meters	Tank B Tracer A ug/L	Simulation Tracer C ug/L	Tanks A,C&E Tracer D ug/L	Tank D Tracer R ug/L	Hydrocarbons TVHC ug/L
1	4	0.0000	0.0000	0.0000	0.0000	0.0000
2	2	0.0000	0.0000	0.0000	0.0000	0.0000
3	4	0.0000	0.0000	0.0000	0.0000	0.0000
4	2	0.0000	0.0000	0.0000	0.0000	0.0000
5	4	0.0000	0.0000	0.0000	0.0000	0.0000
6	2	0.0000	0.0426	0.0000	0.0000	0.0000
7	4	0.0000	0.0000	0.0000	0.0000	0.0000
8	2	0.0000	0.0000	0.0000	0.0000	0.0000
9	4	0.0000	0.0000	0.0000	0.0000	0.0000
10	2	0.0000	0.0000	0.0000	0.0000	0.0000
11	4	0.0000	0.0000	0.0000	0.0000	0.0000
12	2	0.0000	0.0000	0.0000	0.0000	0.0000
13	4	0.0000	0.0000	0.0000	0.0000	0.0000
14	2	0.0000	0.0000	0.0000	0.0000	0.0000
15	4	0.0000	0.0000	0.0000	0.0000	0.0000
16	2	0.0000	0.0000	0.0000	0.0000	0.0000
17	4	0.0000	0.0000	0.0000	0.0000	0.0000
18	2	0.0000	0.0000	0.0000	0.0000	0.0000
19	4	0.0000	0.0000	0.0000	0.0000	0.0000
20	2	0.0000	0.0000	0.0000	0.0000	0.0000
21	4	0.0000	8.5855	0.0000	0.0000	0.0000
22	2	0.0000	0.5050	0.0000	0.0000	0.0000
23	4	0.0000	0.0000	0.0000	0.0000	0.0000
24	2	0.0000	0.0000	0.0000	0.0000	0.0000
25	4	0.0000	0.0000	0.0000	0.0000	0.0000
26	2	0.0000	0.0000	0.0000	0.0000	0.0000
27	4	0.0000	0.0000	0.0000	0.0000	0.0000
28	2	0.0000	0.0000	0.0000	0.0000	0.0000
29	4	0.0000	0.0000	0.0000	0.0000	0.0000
30	2	0.0000	0.0000	0.0000	0.0000	0.0000
31	4	0.0000	0.0000	0.0000	0.0000	0.0000
32	2	0.0000	0.0000	0.0000	0.0000	0.0000
33	4	0.0000	0.0000	0.0000	0.0000	0.0000
34	2	0.0000	0.0000	0.0000	0.0000	0.0000
35	4	0.0000	0.0000	0.0000	0.0000	0.0000
36	2	0.0000	0.0000	0.0000	0.0000	0.0000
37	4	0.0000	0.0000	0.0000	0.0000	0.0000
38	2	0.0000	0.0000	0.0000	0.0000	0.0000
39	4	0.0000	0.0000	0.0000	0.0000	0.0000
40	2	0.0000	0.0000	0.0000	0.0000	0.0000
41	4	0.0000	0.0000	0.0000	0.0000	0.0000
42	2	0.0000	0.0000	0.0000	0.0000	0.0000
43	4	0.0000	0.0000	0.0000	0.0000	0.0000
44	2	0.0000	0.0000	0.0000	0.0000	0.0000

*** TVHC = Total Volatile Hydrocarbons

Tracer Research
Tracer Research Corporation
1583 Livingston Ave, Unit 6
North Brunswick, NJ 08902

Bayside Fuel Oil, Sacket St Facility
Tanks A, B, C, D & E
4week Data - 20 September 2001

Probe #	Depth meters	Tank B Tracer A ug/L	Simulation Tracer C ug/L	Tanks A,C&E Tracer D ug/L	Tank D Tracer R ug/L	Hydrocarbons TVHC ug/L
1	4	0.0000	0.0000	0.0000	0.0000	0.0000
2	2	0.0000	0.0000	0.0000	0.0000	0.0000
3	4	0.0000	0.0000	0.0000	0.0000	0.0000
4	2	0.0000	0.0000	0.0000	0.0000	0.0000
5	4	0.0000	0.0000	0.0000	0.0000	0.0000
6	2	0.0000	0.0298	0.0000	0.0000	0.0000
7	4	0.0000	0.0000	0.0000	0.0000	0.0000
8	2	0.0000	0.0000	0.0000	0.0000	0.0000
9	4	0.0000	0.0000	0.0000	0.0000	0.0000
10	2	0.0000	0.0000	0.0000	0.0000	0.0000
11	4	0.0000	0.0000	0.0000	0.0000	0.0000
12	2	0.0000	0.0000	0.0000	0.0000	0.0000
13	4	0.0000	0.0000	0.0000	0.0000	0.0000
14	2	0.0000	0.0000	0.0000	0.0000	0.0000
15	4	0.0000	0.0000	0.0000	0.0000	0.0000
16	2	0.0000	0.0000	0.0000	0.0000	0.0000
17	4	0.0000	0.0000	0.0000	0.0000	0.0000
18	2	0.0000	0.0000	0.0000	0.0000	0.0000
19	4	0.0000	0.0000	0.0000	0.0000	0.0000
20	2	0.0000	0.0000	0.0000	0.0000	0.0000
21	4	0.0000	2.8530	0.0000	0.0000	0.0000
22	2	0.0000	0.0751	0.0000	0.0000	0.0000
23	4	0.0000	0.0000	0.0000	0.0000	0.0000
24	2	0.0000	0.0359	0.0000	0.0000	0.0000
25	4	0.0000	0.0000	0.0000	0.0000	0.0000
26	2	0.0000	0.0000	0.0000	0.0000	0.0000
27	4	0.0000	0.0000	0.0000	0.0000	0.0000
28	2	0.0000	0.0000	0.0000	0.0000	0.0000
29	4	0.0000	0.0000	0.0000	0.0000	0.0000
30	2	0.0000	0.0000	0.0000	0.0000	0.0000
31	4	0.0000	0.0000	0.0000	0.0000	0.0000
32	2	0.0000	0.0000	0.0000	0.0000	0.0000
33	4	0.0000	0.0000	0.0000	0.0000	0.0000
34	2	0.0000	0.0000	0.0000	0.0000	0.0000
35	4	0.0000	0.0000	0.0000	0.0000	0.0000
36	2	0.0000	0.0000	0.0000	0.0000	0.0000
37	4	0.0000	0.0000	0.0000	0.0000	0.7680
38	2	0.0000	0.0000	0.0000	0.0000	0.0000
39	4	0.0000	0.0000	0.0000	0.0000	0.0000
40	2	0.0000	0.0000	0.0000	0.0000	0.0000
41	4	0.0000	0.0000	0.0000	0.0000	0.0000
42	2	0.0000	0.0000	0.0000	0.0000	0.0000
43	4	0.0000	0.0000	0.0000	0.0000	0.0000
44	2	0.0000	0.0000	0.0000	0.0000	0.0000

*** TVHC = Total Volatile Hydrocarbons

APPENDIX C: Map of Storage Tanks with Sampling Locations

BAYSIDE FUEL OIL CORP (Continued) **U003074649**

Facility Phone:	(718) 946-7889		
Operator:	BAYSIDE FUEL OIL CORP		
Emergency Name:	VINCENT ALLEGRETTI		
Emergency Phone:	(917) 641-2052		
Total Tanks:	3		
Total Capacity:	825		
Tank ID:	014		
Capacity (Gal):	275		
Missing Data for Tank :	No data missing		
Tank Location:	ABOVEGROUND		
Product Stored:	LUBE OIL		
Tank Type:	Steel/carbon steel		
Install Date:	08/01/1985		
Tank Internal:	NONE		
Tank External:	NONE/NONE		
Tank Containment:	NONE/NONE		
Pipe Type:	STEEL/IRON		
Pipe Location:	Underground		
Pipe Internal:	NONE		
Pipe External:	NONE/NONE		
Leak Detection:	NONE/NONE		
Overfill Protection:	Product Level Gauge		
Dispenser Method:	Gravity		
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:	BAYSIDE FUEL OIL CORP		
Mailing Address:	1776 SHORE PARKWAY BROOKLYN, NY 11214		
Mailing Contact:	ANTHONY NATALE/OPER.MGR.		
Mailing Telephone:	(718) 372-9800		
Owner Mark:	First Owner	Expiration Date:	10/23/2002
Certification Flag:	False	Certification Date:	11/12/1997
Renew Flag:	False	Renew Date:	/ /
Lat/Long:	Not reported		
Dead Letter:	False		
Facility Screen:	Minor data missing		
Owner Screen:	No data missing		
Tank Screen:	No 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:	2-017574	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS Code:	6101
Federal ID:	Not reported	Previous PBS#:	Not reported
Facility Status:	4 - Subpart 360-14 only (active)		
Facility Type:	Not reported		
Owner Type:	Corporate/Commercial		
Owner Sub Type:	Not reported		
Owner:	BAYSIDE FUEL OIL CORP 1810 SHORE PARKWAY BROOKLYN, NY 11214		

BAYSIDE FUEL OIL CORP (Continued) **U003074649**

Owner Phone:	(718) 946-4000		
Facility Phone:	(718) 946-7889		
Operator:	BAYSIDE FUEL OIL CORP		
Emergency Name:	VINCENT ALLEGRETTI		
Emergency Phone:	(917) 641-2052		
Total Tanks:	3		
Total Capacity:	825		
Tank ID:	015		
Capacity (Gal):	275		
Missing Data for Tank :	No data missing		
Tank Location:	ABOVEGROUND		
Product Stored:	LUBE OIL		
Tank Type:	Steel/carbon steel		
Install Date:	08/01/1985		
Tank Internal:	NONE		
Tank External:	NONE/NONE		
Tank Containment:	NONE/NONE		
Pipe Type:	STEEL/IRON		
Pipe Location:	Underground		
Pipe Internal:	NONE		
Pipe External:	NONE/NONE		
Leak Detection:	NONE/NONE		
Overfill Protection:	None		
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:	BAYSIDE FUEL OIL CORP		
Mailing Address:	1776 SHORE PARKWAY BROOKLYN, NY 11214		
Mailing Contact:	ANTHONY NATALE/OPER.MGR.		
Mailing Telephone:	(718) 372-9800		
Owner Mark:	First Owner	Expiration Date:	10/23/2002
Certification Flag:	False	Certification Date:	11/12/1997
Renew Flag:	False	Renew Date:	/ /
Lat/Long:	Not reported		
Dead Letter:	False		
Facility Screen:	Minor data missing		
Owner Screen:	No data missing		
Tank Screen:	No 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:	2-017574	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS Code:	6101
Federal ID:	Not reported	Previous PBS#:	Not reported
Facility Status:	4 - Subpart 360-14 only (active)		
Facility Type:	Not reported		
Owner Type:	Corporate/Commercial		
Owner Sub Type:	Not reported		
Owner:	BAYSIDE FUEL OIL CORP 1810 SHORE PARKWAY		

BAYSIDE FUEL OIL CORP (Continued) **U003074649**

BROOKLYN, NY 11214
Owner Phone: (718) 946-4000
Facility Phone: (718) 946-7889
Operator: BAYSIDE FUEL OIL CORP
Emergency Name: VINCENT ALLEGRETTI
Emergency Phone: (917) 641-2052
Total Tanks: 3
Total Capacity: 825
Tank ID: 016
Capacity (Gal): 275
Missing Data for Tank : No data missing
Tank Location: ABOVEGROUND
Product Stored: USED OIL
Tank Type: Steel/carbon steel
Install Date: 08/01/1985
Tank Internal: NONE
Tank External: NONE/NONE
Tank Containment: NONE/NONE
Pipe Type: STEEL/IRON
Pipe Location: Underground
Pipe Internal: NONE
Pipe External: NONE/NONE
Leak Detection: NONE/NONE
Overfill Protection: Product Level Gauge
Dispenser Method: Suction
Date Tested: / /
Date Closed: / /
Updated: True
Date Inspected: Not reported
Result of Inspection: Not reported
Mailing Name: BAYSIDE FUEL OIL CORP
Mailing Address: 1776 SHORE PARKWAY
BROOKLYN, NY 11214
Mailing Contact: ANTHONY NATALE/OPER.MGR.
Mailing Telephone: (718) 372-9800
Owner Mark: First Owner
Certification Flag: False
Renew Flag: False
Lat/Long: Not reported
Dead Letter: False
Facility Screen: Minor data missing
Owner Screen: No data missing
Tank Screen: No 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: 10/23/2002
Certification Date: 11/12/1997
Renew Date: / /

C20 **537 SACKETT STREET** **NY Spills** **S102147383**
ESE **537 SACKETT STREET** **N/A**
< 1/8 **BROOKLYN, NY**
402 ft.
Higher **Site 4 of 5 in cluster C**

SPILLS:
Spill Number: 9310522
Facility Contact: Not reported
Investigator: TANG

Region of Spill: 2
Facility Tele: Not reported
SWIS: 61

537 SACKETT STREET (Continued) **S102147383**

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
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	Not reported		
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:	11/30/1993		
Spill Cause:	Human Error	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Spill Notifier:	Other	PBS Number:	Not reported
Spill Date:	11/30/1993 14:15	Reported to Dept:	11/30/1993 14:21
Cleanup Ceased:	11/30/1993		
Last Inspection:	Not reported		

Cleanup Meets Standard: True
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: Not reported
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 12/01/1993
Date Region Sent Summary to Central Office: 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: 5
- Units: Gallons
- Unknown Qty Spilled: 5
- Quantity Recovered: 0
- Unknown Qty Recovered: False
- Material: #2 FUEL OIL
- Class Type: Petroleum
- Chem Abstract Service Number: #2 FUEL OIL
- Last Date: 12/07/1994
- Num Times Material Entry In File: 24464

Remarks: OVER ORDERED - SPILL CONTAINED ON SIDE WALK - SPILL TEAM ENROUTE.
DEC Remarks: Not reported

C21 **ADAMS BOOK CO. INC.** **UST U003764876**
ESE **537 SACKETT ST.** **N/A**
< 1/8 **BROOKLYN, NY 11217**
402 ft.
Higher **Site 5 of 5 in cluster C**

PBS UST:

PBS Number:	2-605467	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	ADAMS BOOK CO.INC		

ADAMS BOOK CO. INC. (Continued) **U003764876**

	(800) 221-0909
Emergency Contact:	JIM MATTHEWS
	(718) 859-1391
Total Tanks:	0
Owner:	ATS REALTY
	283 NEVINS ST.
	BROOKLYN, NY 11217
	(718) 875-5464
Owner Type:	Corporate/Commercial
Owner Mark:	First Owner
Owner Subtype:	Not reported
Mailing Address:	ADAMS BOOK CO. INC
	ATTN: JIM MATTHEWS
	537 SACKETT ST
	BROOKLYN, NY 11210
	(718) 875-5464
Tank Status:	Closed - In Place
Capacity (gals):	7000
Tank Location:	UNDERGROUND
Tank Id:	001
Tank Type:	Steel/carbon steel
Tank Internal:	NONE
Pipe Location:	Underground
Tank External:	NONE
Missing Data for Tank:	No Missing Data
Pipe External:	NONE
Second Containment:	NONE
Leak Detection:	NONE
Overfill Prot:	Vent Whistle
Date Tested:	04/27/2001
Date Closed:	05/01/2001
Deleted:	False
Dead Letter:	False
FAMT:	Fiscal amount for registration fee is correct
Total Capacity:	0
Tank Screen:	0
Renew Flag:	Renwal has not been printed
Certification Flag:	False
Old PBS Number:	Not reported
Inspected Date:	Not reported
Inspection Result:	Not reported
Lat/long:	Not reported
Facility Type:	UTILITY
Town or City:	NEW YORK CITY
Town or City Code:	01
County Code:	61
Region:	2

Install Date:	Not reported
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Pipe Internal:	NONE
Pipe Type:	STEEL/IRON
Dispenser:	Suction
Next Test Date:	Not reported
Test Method:	21
Updated:	True
Owner Screen:	No data missing
Renewal Date:	Not reported
Federal ID:	Not reported
Facility Screen:	No data missing
Certification Date:	04/02/2001
Expiration Date:	03/23/2006
Inspector:	Not reported

E22 **GOWANUS PUMPING STATION** **NY Spills** **S102145094**
North **201 DOUGLAS ST/GOWANUS** **N/A**
< 1/8 **NEW YORK CITY, NY**
441 ft.
Higher **Site 1 of 3 in cluster E**

SPILLS:

Spill Number:	8803651	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	CANZIANI	SWIS:	61
Caller Name:	Not reported	Caller Agency:	Not reported

GOWANUS PUMPING STATION (Continued) **S102145094**

Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller: NYCDEP
Spiller Address: Not reported
Spill Class: Not reported
Spill Closed Dt: 07/27/1988
Spill Cause: Equipment Failure
Resource Affected: Surface Water
Water Affected: GOWANUS CANAL
Spill Source: Other Non Commercial/Industrial
Spill Notifier: Responsible Party
PBS Number: Not reported
Spill Date: 07/27/1988 09:15
Reported to Dept: 07/27/1988 13:25
Cleanup Ceased: 07/27/1988
Last Inspection: Not reported
Cleanup Meets Standard: True
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: Not reported
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 08/02/1988
Date Region Sent Summary to Central Office: 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: 3
Quantity Spilled: -1
Units: Not reported
Unknown Qty Spilled: -1
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: RAW SEWAGE
Class Type: Non Pet/Non Haz
Chem Abstract Service Number: RAW SEWAGE
Last Date: 07/28/1994
Num Times Material Entry In File: 1993
Remarks: Not reported
DEC Remarks: Not reported

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23 SSE < 1/8 445 ft. Higher **NICKS UNION NEVINS SER. STA. CORP.** **UST U003128182**
301 NEVINS STREET **N/A**
BROOKLYN, NY 11217

PBS UST:
PBS Number: 2-452483
CBS Number: Not reported
SPDES Number: Not reported
SWIS ID: 6101
Operator: NICHOLAS S.CONIGLIO
(718) 625-8667
Emergency Contact: NICHOLAS S. CONIGLIO

NICKS UNION NEVINS SER. STA. CORP. (Continued) **U003128182**

(718) 494-6669
Total Tanks: 4
Owner: NICHOLAS S. CONIGLIO
37 UXBRIDGE STREET
STATEN ISLAND, NY 10314
(718) 494-6669
Owner Type: Private Resident
Owner Mark: First Owner
Owner Subtype: Not reported
Mailing Address: NICHOLAS S. CONIGLIO
37 UXBRIDGE STREET
STATEN ISLAND, NY 10314
(718) 494-6669
Tank Status: Temporarily Out of Service
Capacity (gals): 550
Tank Location: UNDERGROUND
Tank Id: 001
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Pipe Location: Not reported
Tank External: Not reported
Missing Data for Tank: Minor Data Missing
Pipe External: Not reported
Second Containment: NONE
Leak Detection: NONE
Overfill Prot: 3
Date Tested: Not reported
Date Closed: Not reported
Deleted: False
Dead Letter: False
FAMT: Fiscal amount for registration fee is correct
Total Capacity: 2200
Tank Screen: Minor data missing
Renew Flag: Renwal has not been printed
Certification Flag: False
Old PBS Number: Not reported
Inspected Date: Not reported
Inspection Result: 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

Install Date: Not reported
Product Stored: OTHER
Pipe Internal: Not reported
Pipe Type: Not reported

Dispenser: Gravity
Next Test Date: Not reported
Test Method: Not reported
Updated: False
Owner Screen: Minor data missing

Renewal Date: Not reported
Federal ID: Not reported
Facility Screen: No data missing
Certification Date: 06/12/1998
Expiration Date: 08/23/2003
Inspector: Not reported

PBS Number: 2-452483
SPDES Number: Not reported
Operator: NICHOLAS S.CONIGLIO
(718) 625-8667
Emergency Contact: NICHOLAS S. CONIGLIO
(718) 494-6669
Total Tanks: 4
Owner: NICHOLAS S. CONIGLIO
37 UXBRIDGE STREET
STATEN ISLAND, NY 10314
(718) 494-6669
Owner Type: Private Resident

CBS Number: Not reported
SWIS ID: 6101

NICKS UNION NEVINS SER. STA. CORP. (Continued) **U003128182**

Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	NICHOLAS S. CONIGLIO 37 UXBRIDGE STREET STATEN ISLAND, NY 10314 (718) 494-6669		
Tank Status:	Temporarily Out of Service		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	002	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	OTHER
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	Not reported	Pipe Type:	Not reported
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	NONE		
Leak Detection:	NONE		
Overfill Prot:	3	Dispenser:	Gravity
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
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	2200	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	06/12/1998
Old PBS Number:	Not reported	Expiration Date:	08/23/2003
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	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		
PBS Number:	2-452483	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	NICHOLAS S.CONIGLIO (718) 625-8667		
Emergency Contact:	NICHOLAS S. CONIGLIO (718) 494-6669		
Total Tanks:	4		
Owner:	NICHOLAS S. CONIGLIO 37 UXBRIDGE STREET STATEN ISLAND, NY 10314 (718) 494-6669		
Owner Type:	Private Resident		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	NICHOLAS S. CONIGLIO 37 UXBRIDGE STREET STATEN ISLAND, NY 10314 (718) 494-6669		
Tank Status:	Temporarily Out of Service		

NICKS UNION NEVINS SER. STA. CORP. (Continued) U003128182

Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	003	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	OTHER
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	Not reported	Pipe Type:	Not reported
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	NONE		
Leak Detection:	NONE		
Overfill Prot:	3	Dispenser:	Gravity
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
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	2200	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	06/12/1998
Old PBS Number:	Not reported	Expiration Date:	08/23/2003
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	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		
PBS Number:	2-452483	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	NICHOLAS S.CONIGLIO (718) 625-8667		
Emergency Contact:	NICHOLAS S. CONIGLIO (718) 494-6669		
Total Tanks:	4		
Owner:	NICHOLAS S. CONIGLIO 37 UXBRIDGE STREET STATEN ISLAND, NY 10314 (718) 494-6669		
Owner Type:	Private Resident		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	NICHOLAS S. CONIGLIO 37 UXBRIDGE STREET STATEN ISLAND, NY 10314 (718) 494-6669		
Tank Status:	Temporarily Out of Service		
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:	Not reported	Pipe Type:	Not reported
Tank External:	Not reported		

NICKS UNION NEVINS SER. STA. CORP. (Continued) U003128182

Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	NONE		
Leak Detection:	NONE		
Overfill Prot:	3	Dispenser:	Gravity
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
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	2200	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	06/12/1998
Old PBS Number:	Not reported	Expiration Date:	08/23/2003
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	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		

F24
East
< 1/8
463 ft.
Higher

FULTON MUNICIPAL GAS CO. Coal Gas G000000435
263 NEVINS ST. N/A
BROOKLYN, NY 11217

Site 1 of 2 in cluster F

COAL GAS SITE DESCRIPTION:
Site is on the western half of two blocks on Nevins St. between Douglass St. and Sackett St. Site includes the block between Sackett St. and Degraw St. west of Nevins St., ending at the Gowanus Canal. Site later called Brooklyn Union Gas Co. (C13) Site is a CERCLIS Site I.D. #NYD980531982. CERCLIS address is poor.

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F25
East
< 1/8
463 ft.
Higher

NEVINS STREET, DEGRAW STR NY Spills S102144418
NEVINS ST/ DEGRAW ST. N/A
BROOKLYN, NY

Site 2 of 2 in cluster F

SPILLS:

Spill Number:	8607778	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
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
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	NYCDEP - CASE # 964		
Spiller Address:	Not reported		
Spill Class:	Not reported		
Spill Closed Dt:	03/20/1987		
Spill Cause:	Equipment Failure	Resource Affected:	Surface Water
Water Affected:	GOWANIS CANAL	Spill Source:	Other Non Commercial/Industrial

NEVINS STREET, DEGRAW STR (Continued) **S102144418**

Spill Notifier: Responsible Party
Spill Date: 03/19/1987 16:00
Cleanup Ceased: 03/20/1987
Last Inspection: Not reported
Cleanup Meets Standard: True
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: Not reported
Is Updated: False
PBS Number: Not reported
Reported to Dept: 03/20/1987 15:20
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 04/03/1987
Date Region Sent Summary to Central Office: 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: 3
Quantity Spilled: -1
Units: Not reported
Unknown Qty Spilled: -1
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: RAW SEWAGE
Class Type: Non Pet/Non Haz
Chem Abstract Service Number: RAW SEWAGE
Last Date: 07/28/1994
Num Times Material Entry In File: 1993
Remarks: REGULATOR WAS FOUND CLOSED. GATE WAS RE-OPENED 03/20/87 @ 1100 HRS.
DEC Remarks: Not reported

D26 **259 BOND STREET** **UST U003712137**
NNW **259 BOND STREET** **N/A**
< 1/8 **BROOKLYN, NY 112**
464 ft.
Higher **Site 2 of 2 in cluster D**

PBS UST:
PBS Number: 2-604303
SPDES Number: Not reported
Operator: MIDWOOD MANAGEMENT
(212) 682-9595
Emergency Contact: PAUL MANDEL
(212) 682-9595
Total Tanks: 0
Owner: S.USDAN C/O MIDWOOD MANAGEMENT CORP
60 EAST 42ND STREET, SUITE 1814
NEW YORK, NY 10165
(212) 682-9595
Owner Type: Corporate/Commercial
Owner Mark: First Owner
Owner Subtype: Not reported
Mailing Address: MIDWOOD MANAGEMENT CORP
CBS Number: Not reported
SWIS ID: 6101

259 BOND STREET (Continued) **U003712137**

ATTN: PAUL MANDEL
60 EAST 42ND STREET, SUITE 1814
NEW YORK, NY 10165
(212) 682-9595

Tank Status:	Closed - In Place		
Capacity (gals):	2500		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Internal:	NONE	Pipe Internal:	Not reported
Pipe Location:	Underground	Pipe Type:	STEEL/IRON
Tank External:	NONE/NONE		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	Not reported		
Leak Detection:	Not reported		
Overfill Prot:	Not reported	Dispenser:	Not reported
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	04/01/1999	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:	Renwal has not been printed	Facility Screen:	Major data missing
Certification Flag:	False	Certification Date:	Not reported
Old PBS Number:	Not reported	Expiration Date:	11/23/2004
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		

27
ENE
< 1/8
495 ft.
Higher

DOUGLAS & DEGRAW
NEVINS ST, DOUGLAS ST., 3 AVE
BROOKLYN, NY 11215

CBS AST **S102639135**
N/A

CBS AST:

CBS Number:	2-000136	Telephone:	(718) 625-3268
Owner:	N.Y.C. DEPT. OF PARKS & RECREATION 95 PROSPECT PARK W. BROOKLYN, NY 11215 (718) 965-8900		
Facility Status:	Active		
Total Tanks	1		
Tank Status:	In Service		
Tank Error Status:	No Missing Data		
Tank Location:	Aboveground on crib, rack or cradle		
Install Date:	06/85		
Capacity (Gal):	500		
Tank Type:	Plastic		
Substance:	Single Hazardous Substance on DEC List		
Extrnl Protection:	None/Other		
Intrnl Protection:	Other		

DOUGLAS & DEGRAW (Continued) **S102639135**

Tank Containment:	Vault (w/access)		
Pipe Type:	PLASTIC	Pipe Location:	Underground
Pipe Internal:	Other		
Pipe External:	None/Other		
Pipe Containment:	None/None	Haz Percent:	15
Leak Detection:	None/Groundwater Well		
Overfill Protection:	5/5		
Chemical:	Chlorine	Tank Closed:	Not reported
PBS Number:	Not reported	SWIS Code:	6101
Federal ID:	Not reported		
MOSF Number:	Not reported	CAS Number:	7782505
SPDES Number:	Not reported	ICS Number:	2-700512
Facility Type:	Municipality		
Operator:	MIKE LETT	Facility Town:	NEW YORK CITY
Emrgncy Contact:	BROOKLYN PARKS H.Q.	Emrgncy Phone:	(718) 965-8955
Certified Date:	08/13/1997	Expiration Date:	12/08/1999
Owner type:	Local Government		
Owner Sub Type:	Not reported		
Mail Name:	N.Y.C. DEPT. PARKS & RECREATION		
Mail Contact:	BROOKLYN PARKS H.Q. 95 PROSPECT PARK W. BROOKLYN, NY 11215		
Mail Phone:	(718) 965-8900		
Tank Secret:	False	Date Entered:	07/19/1989 08:22:50
Last Test:	Not reported	Due Date:	Not reported
Pipe Flag:	False	Owner Mark:	1
Renew Date:	09/29/93	Date Expired:	12/08/91
Is it There:	False	Is Updated:	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):	500
Unique Tank Id Number:	001
Date Pre-Printed Renewal App Form Was Last Printed:	09/06/2001

G28 **NEW YORK TELEPHONE CO** **RCRIS-SQG 1000791295**
SSE **318 NEVINS ST** **FINDS NYD987028016**
< 1/8 **BROOKLYN, NY 11215**
527 ft.
Higher **Site 1 of 6 in cluster G**

RCRIS:

Owner:	BANKERS LIFE CO (212) 555-1212
EPA ID:	NYD987028016
Contact:	FRED SMITH (718) 726-9909
Classification:	Small Quantity Generator
Used Oil Recyc:	No
TSDF Activities:	Not reported

NEW YORK TELEPHONE CO (Continued) **1000791295**

Violation Status: No violations found

NY MANIFEST
Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

G29 **318 NEVINS ST.** **NY Spills** **S102147850**
SSE **318 NEVINS ST.** **N/A**
< 1/8 **BROOKLYN, NY**
527 ft.
Higher **Site 2 of 6 in cluster G**

SPILLS:

Spill Number:	9314103	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	M. 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
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	UNK		
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:	Not reported		
Spill Cause:	Unknown	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Spill Notifier:	Other	PBS Number:	Not reported
Spill Date:	03/02/1994 13:00	Reported to Dept:	03/02/1994 14:15
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported		

Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: Not reported
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 03/03/1994
Date Region Sent Summary to Central Office: 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

318 NEVINS ST. (Continued) **S102147850**

Quantity Recovered: 0
Unknown Qty Recovered: False
Material: GASOLINE
Class Type: Petroleum
Chem Abstract Service Number: GASOLINE
Last Date: 09/29/1994
Num Times Material Entry In File: 21329
Remark: LOOKS TO BE PROBLEM WITH FILL BOX SPILL ON GRAVED AT FILL AREA - TO VAC UP DO FOLLOW UP CLEAN UP.
DEC Remarks: Not reported

G30 **318 NEVINS STREET** **NY Spills** **S100667928**
SSE **318 NEVINS STREET** **N/A**
< 1/8 **BROOKLYN, NY**
527 ft.
Higher **Site 3 of 6 in cluster G**

SPILLS:

Spill Number:	9208840	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	TANG	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
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	Not reported		
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:	10/30/1992		
Spill Cause:	Other	Resource Affected:	Surface Water
Water Affected:	GOWANUS CANAL	Spill Source:	Other Commercial/Industrial
Spill Notifier:	Responsible Party	PBS Number:	Not reported
Spill Date:	10/30/1992 14:45	Reported to Dept:	10/30/1992 16:20
Cleanup Ceased:	10/30/1992		
Last Inspection:	Not reported		

Cleanup Meets Standard: True
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: Not reported
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 11/04/1992
Date Region Sent Summary to Central Office: 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: 2
Units: Gallons

318 NEVINS STREET (Continued) **S100667928**

Unknown Qty Spilled: 2
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: WASTE OIL
Class Type: Petroleum
Chem Abstract Service Number: WASTE OIL
Last Date: 09/27/1994
Num Times Material Entry In File: 9509
Remark: OCURRED WHILE TESTING OIL WATER SEPERATION DRAIN SYSTEM OIL WENT TO BOOM DELAYED SINCE YESTERDAY,MECHANICAL PROBLEM HAS FIXED PROBLEM NO MORE LEA K ONLY 2 GALS
DEC Remarks: Not reported

This is the most recent NY SPILLS record for this site.
The NY SPILLS database contains 1 additional record for this site.
Please contact your EDR Account Executive for more information.

G31 **318 NEVINS ST** **ERNS 92290178**
SSE **318 NEVINS ST** **N/A**
< 1/8 **BROOKLYN, NY 11201**
527 ft.
Higher **Site 4 of 6 in cluster G**

G32 **BELL ATLANTIC** **UST U003074735**
SSE **318 NEVINS STREET** **AST N/A**
< 1/8 **BROOKLYN, NY 11215**
527 ft.
Higher **Site 5 of 6 in cluster G**

PBS UST:

PBS Number:	2-344265	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	BELL ATLANTIC (800) 339-6144		
Emergency Contact:	BELL ATLANTIC (800) 386-9639		
Total Tanks:	3		
Owner:	NEW YORK TELEPHONE 221 EAST 37TH STREET, 4TH FLOOR NEW YORK, NY 10016 (800) 339-6144		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	New York Telephone		
Mailing Address:	BELL ATLANTIC ATTN: KATHLEEN TOBIN 221 EAST 37TH STREET, 4TH FLOOR NEW YORK, NY 10016 (212) 338-6731		
Tank Status:	In Service		
Capacity (gals):	4000		
Tank Location:	UNDERGROUND		
Tank Id:	004	Install Date:	12/01/1988
Tank Type:	Fiberglass coated steel	Product Stored:	UNLEADED GASOLINE
Tank Internal:	NONE	Pipe Internal:	FIBERGLASS LINER [FRP]
Pipe Location:	Underground	Pipe Type:	FIBERGLASS [FRP]
Tank External:	NONE/FIBERGLASS		
Missing Data for Tank:	No Missing Data		

BELL ATLANTIC (Continued) U003074735

Pipe External:	NONE/FIBERGLASS		
Second Containment:	NONE/DOUBLED-WALLED TANK		
Leak Detection:	INTERSTITIAL MONITORING/IN-TANK SYSTEM		
Overfill Prot:	High Level Alarm, Catch Basin	Dispenser:	Suction
Date Tested:	09/01/1993	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	PETRO-TITE
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	8275	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	01/28/1998
Old PBS Number:	Not reported	Expiration Date:	12/14/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	UTILITY		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		
PBS Number:	2-344265	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	BELL ATLANTIC (800) 339-6144		
Emergency Contact:	BELL ATLANTIC (800) 386-9639		
Total Tanks:	3		
Owner:	NEW YORK TELEPHONE 221 EAST 37TH STREET, 4TH FLOOR NEW YORK, NY 10016 (800) 339-6144		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	New York Telephone		
Mailing Address:	BELL ATLANTIC ATTN: KATHLEEN TOBIN 221 EAST 37TH STREET, 4TH FLOOR NEW YORK, NY 10016 (212) 338-6731		
Tank Status:	Closed - In Place		
Capacity (gals):	280		
Tank Location:	UNDERGROUND		
Tank Id:	005	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	OTHER
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	Not reported	Pipe Type:	Not reported
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	Not reported		
Leak Detection:	Not reported		
Overfill Prot:	Not reported	Dispenser:	Not reported
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	05/01/1993	Test Method:	Not reported

BELL ATLANTIC (Continued) **U003074735**

Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	8275	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	01/28/1998
Old PBS Number:	Not reported	Expiration Date:	12/14/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	UTILITY		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		
PBS Number:	2-344265	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	BELL ATLANTIC (800) 339-6144		
Emergency Contact:	BELL ATLANTIC (800) 386-9639		
Total Tanks:	3		
Owner:	NEW YORK TELEPHONE 221 EAST 37TH STREET, 4TH FLOOR NEW YORK, NY 10016 (800) 339-6144		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	New York Telephone		
Mailing Address:	BELL ATLANTIC ATTN: KATHLEEN TOBIN 221 EAST 37TH STREET, 4TH FLOOR NEW YORK, NY 10016 (212) 338-6731		
Tank Status:	In Service		
Capacity (gals):	4000		
Tank Location:	UNDERGROUND		
Tank Id:	006	Install Date:	08/01/1993
Tank Type:	Concrete	Product Stored:	DIESEL
Tank Internal:	FIBERGLASS LINER [FRP]	Pipe Internal:	FIBERGLASS LINER [FRP]
Pipe Location:	Underground	Pipe Type:	FIBERGLASS [FRP]
Tank External:	NONE/FIBERGLASS		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE/FIBERGLASS		
Second Containment:	NONE/DOUBLED-WALLED TANK		
Leak Detection:	INTERSTITIAL MONITORING/IN-TANK SYSTEM		
Overfill Prot:	High Level Alarm, Catch Basin	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
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	8275	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing

BELL ATLANTIC (Continued) U003074735

Certification Flag:	False	Certification Date:	01/28/1998
Old PBS Number:	Not reported	Expiration Date:	12/14/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	UTILITY		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		
PBS Number:	2-344265	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	BELL ATLANTIC (800) 339-6144		
Emergency Contact:	BELL ATLANTIC (800) 386-9639		
Total Tanks:	3		
Owner:	NEW YORK TELEPHONE 221 EAST 37TH STREET, 4TH FLOOR NEW YORK, NY 10016 (800) 339-6144		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	New York Telephone		
Mailing Address:	BELL ATLANTIC ATTN: KATHLEEN TOBIN 221 EAST 37TH STREET, 4TH FLOOR NEW YORK, NY 10016 (212) 338-6731		
Tank Status:	Closed - In Place		
Capacity (gals):	2000		
Tank Location:	UNDERGROUND		
Tank Id:	001	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
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:	05/01/1989	Next Test Date:	Not reported
Date Closed:	05/01/1993	Test Method:	PETRO-TITE
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	8275	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	01/28/1998
Old PBS Number:	Not reported	Expiration Date:	12/14/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	UTILITY		

BELL ATLANTIC (Continued) **U003074735**

Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		
PBS Number:	2-344265	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	BELL ATLANTIC (800) 339-6144		
Emergency Contact:	BELL ATLANTIC (800) 386-9639		
Total Tanks:	3		
Owner:	NEW YORK TELEPHONE 221 EAST 37TH STREET, 4TH FLOOR NEW YORK, NY 10016 (800) 339-6144		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	New York Telephone		
Mailing Address:	BELL ATLANTIC ATTN: KATHLEEN TOBIN 221 EAST 37TH STREET, 4TH FLOOR NEW YORK, NY 10016 (212) 338-6731		
Tank Status:	Closed - In Place		
Capacity (gals):	2000		
Tank Location:	UNDERGROUND		
Tank Id:	003	Install Date:	09/01/1993
Tank Type:	Steel/carbon steel	Product Stored:	DIESEL
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:	06/01/1989	Next Test Date:	Not reported
Date Closed:	09/01/1993	Test Method:	PETRO-TITE
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	8275	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	01/28/1998
Old PBS Number:	Not reported	Expiration Date:	12/14/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	UTILITY		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		

PBS AST:

PBS Number:	2-344265	CBS Number:	Not reported

BELL ATLANTIC (Continued) **U003074735**

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:	UTILITY		
Owner Type:	Corporate/Commercial		
Owner Sub Type:	New York Telephone		
Owner:	NEW YORK TELEPHONE 221 EAST 37TH STREET, 4TH FLOOR NEW YORK, NY 10016		
Owner Phone:	(800) 339-6144		
Facility Phone:	(800) 339-6144		
Operator:	BELL ATLANTIC		
Emergency Name:	BELL ATLANTIC		
Emergency Phone:	(800) 386-9639		
Total Tanks:	3		
Total Capacity:	8275		
Tank ID:	007		
Capacity (Gal):	275		
Missing Data for Tank :	Minor data missing		
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE		
Product Stored:	USED OIL		
Tank Type:	Steel/carbon steel		
Install Date:	09/01/1993		
Tank Internal:	NONE		
Tank External:	NONE/PAINTED/ASPHALT COATING		
Tank Containment:	NONE/DOUBLED-WALLED TANK		
Pipe Type:	NONE		
Pipe Location:	None		
Pipe Internal:	NONE		
Pipe External:	NONE/NONE		
Leak Detection:	NONE/NONE		
Overfill Protection:	Product Level Gauge, Catch Basin		
Dispenser Method:	Not reported		
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:	BELL ATLANTIC		
Mailing Address:	221 EAST 37TH STREET, 4TH FLOOR NEW YORK, NY 10016		
Mailing Contact:	KATHLEEN TOBIN		
Mailing Telephone:	(212) 338-6731		
Owner Mark:	First Owner	Expiration Date:	12/14/2002
Certification Flag:	False	Certification Date:	01/28/1998
Renew Flag:	False	Renew Date:	/ /
Lat/Long:	Not reported		
Dead Letter:	False		
Facility Screen:	No data missing		
Owner Screen:	No 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

G33 SSE < 1/8 532 ft. Higher — **NEVIN ST GARAGE**, **318 NEVIN ST**, **BROOKLYN, NY** — NY Spills — S103274088 / N/A

Site 6 of 6 in cluster G

SPILLS:

Spill Number:	9801467	Region of Spill:	2
Facility Contact:	ABOVE NOTIFIER	Facility Tele:	Not reported
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
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	BELL ATLANTIC		
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:	05/05/1998		
Spill Cause:	Equipment Failure	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Commercial Vehicle
Spill Notifier:	Responsible Party	PBS Number:	Not reported
Spill Date:	05/04/1998 12:30	Reported to Dept:	05/04/1998 12:38
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported		

Cleanup Meets Standard:	False
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Date:	Not reported
Enforcement Date:	Not reported
Investigation Complete:	Not reported
UST Involvement:	False
Spill Record Last Update:	05/22/1998
Is Updated:	False
Corrective Action Plan Submitted:	Not reported
Date Spill Entered In Computer Data File:	05/04/1998
Date Region Sent Summary to Central Office:	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:	0
Units:	Gallons
Unknown Qty Spilled:	No
Quantity Recovered:	0
Unknown Qty Recovered:	False
Material:	DIESEL
Class Type:	Petroleum
Chem Abstract Service Number:	DIESEL
Last Date:	07/28/1994
Num Times Material Entry In File:	10625

Remark: spill to pavement - spill contained - cleanup crew enroute - unk cause from a veh

DEC Remarks: CLEANED BY RP.

H34 **A & A BRAKE CO INC** UST U003740198
ESE **560 SACKETT ST.** N/A
< 1/8 **BROOKLYN, NY 11217**
535 ft.
Higher **Site 1 of 2 in cluster H**

PBS UST:

PBS Number:	2-604492	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	GERALD P. ABATOMARCO (718) 624-4488		
Emergency Contact:	GERALD P. ABATOMARCO (718) 624-4488		
Total Tanks:	1		
Owner:	GERALD P. ABATOMARCO 560 SACKETT ST. BROOKLYN, NY 11217 (718) 624-4488		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	GERALD P. ABATOMARCO ATTN: GERALD P. ABATOMARCO 560 SACKETT ST. BROOKLYN, NY 11217 (718) 624-4488		
Tank Status:	In Service		
Capacity (gals):	275		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	USED OIL
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	Aboveground	Pipe Type:	GALVANIZED STEEL
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	NONE		
Second Containment:	Not reported		
Leak Detection:	Not reported		
Overfill Prot:	Catch Basin	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
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	275	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	05/26/2000
Old PBS Number:	Not reported	Expiration Date:	05/04/2005
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	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		

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
H35 ESE < 1/8 542 ft. Higher	AUTO BODY CONCEPTS DBA ABC COLLISION 549 SACKETT ST BROOKLYN, NY 11217 **Site 2 of 2 in cluster H**	RCRIS-SQG FINDS	1000555866 NYD986984136

RCRIS:
Owner: ANTHONY DIMONDA
(212) 555-1212
EPA ID: NYD986984136
Contact: ANTHONY DIMONDA
(718) 522-3111
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

NY MANIFEST
Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
E36 NNE < 1/8 545 ft. Higher	NYCDEP - GOWANUS PUMPING STATION 201 DOUGLASS ST BROOKLYN, NY 11217 **Site 2 of 3 in cluster E**	RCRIS-SQG FINDS UST NY Spills	1000153815 NYD982728602

RCRIS:
Owner: NYC DEP
(718) 444-3224
EPA ID: NYD982728602
Contact: JOHN RUSSO
(718) 444-3224
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

SPILLS:

Spill Number:	9602974	Region of Spill:	2
Facility Contact:	MICHAEL KOWALSKI	Facility Tele:	(718) 372-7193
Investigator:	MULQUEEN - SPEDES	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
Spiller Contact:	MICHAEL KOWALSKI	Spiller Phone:	(718) 372-7193
Spiller:	GOWANUS PUMPING STATION		
Spiller Address:	201 DOUGLASS ST		

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

BROOKLYN, NY
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 12/31/1997
Spill Cause: Equipment Failure
Water Affected: GOWANUS CANAL
Spill Notifier: Responsible Party
Spill Date: 05/31/1996 16:00
Cleanup Ceased: Not reported
Last Inspection: Not reported
Resource Affected: Surface Water
Spill Source: Other Commercial/Industrial
PBS Number: Not reported
Reported to Dept: 06/01/1996 09:30
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 01/06/1998
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 06/01/1996
Date Region Sent Summary to Central Office: 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: 3
- Quantity Spilled: 7990000
- Units: Gallons
- Unknown Qty Spilled: 7990000
- Quantity Recovered: 0
- Unknown Qty Recovered: False
- Material: RAW SEWAGE
- Class Type: Non Pet/Non Haz
- Chem Abstract Service Number: RAW SEWAGE
- Last Date: 07/28/1994
- Num Times Material Entry In File: 1993

Remarks: pump failure caused spill
DEC Remarks: Not reported

This is the most recent NY SPILLS record for this site.
The NY SPILLS database contains 1 additional record for this site.
Please contact your EDR Account Executive for more information.

PBS UST:
PBS Number: 2-456217
SPDES Number: Not reported
Operator: NYCDEP
(718) 965-2836
Emergency Contact: GEORGE SEPHIC
(718) 326-2906
Total Tanks: 2
Owner: NEW YORK CITY DEPT. OF ENVIRONMENTAL PROTECTION
59-17 JUNCTION BOULEVARD
CORONA, NY 11368
CBS Number: Not reported
SWIS ID: 6101

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

59-17 JUNCTION BOULEVARD
CORONA, NY 11368
(718) 595-4385

Tank Status:	In Service		
Capacity (gals):	1500		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	DIESEL
Tank Internal:	EPOXY LINER	Pipe Internal:	Not reported
Pipe Location:	Above/Underground Combination	Pipe Type:	STEEL/IRON
Tank External:	SACRIFICIAL ANODE		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	FIBERGLASS		
Second Containment:	SYNTHETIC LINER		
Leak Detection:	IN-TANK SYSTEM		
Overfill Prot:	High Level Alarm	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	12/27/1987
Date Closed:	Not reported	Test Method:	TANKOLOGY [VACUTECT]
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	3000	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	07/02/1999
Old PBS Number:	Not reported	Expiration Date:	12/06/2003
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	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		

PBS Number:	2-456217	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	NYCDEP (718) 965-2836		
Emergency Contact:	GEORGE SEPHIC (718) 326-2906		
Total Tanks:	2		
Owner:	NEW YORK CITY DEPT. OF ENVIRONMENTAL PROTECTION 59-17 JUNCTION BOULEVARD CORONA, NY 11368 (718) 595-4385		
Owner Type:	Local Government		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	NEW YORK CITY DEPT. OF ENVIRONMENTAL PROTECTION ATTN: ROSEMARIC SUBASIC 59-17 JUNCTION BOULEVARD CORONA, NY 11368 (718) 595-4385		
Tank Status:	In Service		
Capacity (gals):	1500		
Tank Location:	UNDERGROUND		

NYCDEP - GOWANUS PUMPING STATION (Continued) **1000153815**

Tank Id:	002	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	DIESEL
Tank Internal:	EPOXY LINER	Pipe Internal:	Not reported
Pipe Location:	Above/Underground Combination	Pipe Type:	STEEL/IRON
Tank External:	SACRIFICIAL ANODE		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	FIBERGLASS		
Second Containment:	SYNTHETIC LINER		
Leak Detection:	IN-TANK SYSTEM		
Overfill Prot:	High Level Alarm	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	12/27/1987
Date Closed:	Not reported	Test Method:	TANKOLOGY [VACUTECT]
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	3000	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	07/02/1999
Old PBS Number:	Not reported	Expiration Date:	12/06/2003
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	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		

E37 **201 DOUGLAS ST, BROOKLYN,** **NY Spills** **S102240139**
NNE **201 DOUGLAS ST** **N/A**
< 1/8 **BROOKLYN, NY**
545 ft.
Higher **Site 3 of 3 in cluster E**

SPILLS:

Spill Number:	8606864	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
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
Spiller Contact:	Not reported	Spiller Phone:	(625) 175-7718
Spiller:	GUANIS PUMPING STAT		
Spiller Address:	Not reported		
Spill Class:	Not reported		
Spill Closed Dt:	02/09/1987		
Spill Cause:	Equipment Failure	Resource Affected:	Surface Water
Water Affected:	GUANIS CANAL	Spill Source:	Other Non Commercial/Industrial
Spill Notifier:	Responsible Party	PBS Number:	Not reported
Spill Date:	02/07/1987 09:00	Reported to Dept:	02/09/1987 11:42
Cleanup Ceased:	02/09/1987		
Last Inspection:	Not reported		
Cleanup Meets Standard:	True		
Recommended Penalty:	Penalty Not Recommended		
Spiller Cleanup Date:	Not reported		
Enforcement Date:	Not reported		
Investigation Complete:	Not reported		

201 DOUGLAS ST, BROOKLYN, (Continued) **S102240139**

UST Involvement: False
Spill Record Last Update: Not reported
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 03/16/1987
Date Region Sent Summary to Central Office: *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: Not reported
Quantity Spilled: Not reported
Units: Not reported
Unknown Qty Spilled: Not reported
Quantity Recovered: Not reported
Unknown Qty Recovered: Not reported
Material: Not reported
Class Type: Not reported
Chem Abstract Service Number: Not reported
Last Date: Not reported
Num Times Material Entry In File: Not reported
Remark: ITEM 945; MAIN INTERUPTION AT MAIN SEWAGE PUMP FAILED. NOTIFIED BY WARRE N YAO, DEP, 212-860-9302
DEC Remarks: 10/10/95: This is additional information about material spilled from th e translation of the old spill file: 3 MGD RELEASED

38
North
< 1/8
545 ft.
Higher

O-Z GEDNEY
262 BOND ST
BROOKLYN, NY 11217

RCRIS-SQG **1000115937**
FINDS **NYD066086547**

RCRIS:
Owner: GENERAL SIGNAL
(203) 357-8800
EPA ID: NYD066086547
Contact: BEN HUAMANI
(718) 624-4200
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: Not reported
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 06/25/1985
Actual Date Achieved Compliance: 12/12/1985

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 11/01/1985
Penalty Type: Not reported

O-Z GEDNEY (Continued) **1000115937**

There are 1 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19851212

NY MANIFEST
Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

I39 **TM 939** **NY Spills** **S105058480**
WSW **PRESIDENT ST/BOND ST** **N/A**
< 1/8 **BROOKLYN, NY**
593 ft.
Higher **Site 1 of 3 in cluster I**

SPILLS:

Spill Number:	0103442	Region of Spill:	2
Facility Contact:	CALLER	Facility Tele:	( ) -
Investigator:	O'CONNELL	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
Spiller Contact:	UNK	Spiller Phone:	(000) 000-0000
Spiller:	UNK		
Spiller Address:	UNK		
	UNK		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	07/20/2001		
Spill Cause:	Unknown	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Unknown
Spill Notifier:	Affected Persons	PBS Number:	Not reported
Spill Date:	06/28/2001 08:45	Reported to Dept:	06/28/2001 19:54
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported		

Cleanup Meets Standard:	False
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Date:	Not reported
Enforcement Date:	Not reported
Investigation Complete:	Not reported
UST Involvement:	False
Spill Record Last Update:	08/14/2001
Is Updated:	False
Corrective Action Plan Submitted:	Not reported
Date Spill Entered In Computer Data File:	06/28/2001
Date Region Sent Summary to Central Office:	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

TM 939 (Continued) **S105058480**

Material:
Material Class Type: 1
Quantity Spilled: 1
Units: Gallons
Unknown Qty Spilled: Yes
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
Remark: caller reporting a spill from an unk source coned 137926 sample taken clean up for tomorrow am.
DEC Remarks: CON ED E2MIS REPORT 5-28-01 Approx. 1pt.of an unknown oil on approx. 400 gals. of water in TM939. Unable to pressure test transformer due to amount of water instructure. Historical PCB count of transformer is 103p pm. PCB and oil ID samples taken.6-28-01 1645hrs. LSN 01-06932 <1pp m 1945hrs. Unit needs to be pressure tested over 50 cleanup schedule d for AM. 6-29-01 Tanker removed 1500gals. ofliquid from structure . Network pressure tested unit and it held. Job will be completed wwith vactor.

I40 **GOWANAS CANAL** **NY Spills** **S104192547**
WSW **325 BOND ST** **N/A**
< 1/8 **BROOKLYN, NY**
593 ft.
Higher **Site 2 of 3 in cluster I**

SPILLS:
Spill Number: 9904180
Facility Contact: Not reported
Investigator: WOOLSEY
Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
Spiller Contact: Not reported
Spiller: Not reported
Spiller Address: Not reported
Region of Spill: 2
Facility Tele: Not reported
SWIS: 61
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Spiller Phone: Not reported
Spill Class: No spill occured. No DEC Response. No corrective action required.
Spill Closed Dt: 10/04/1999
Spill Cause: Deliberate
Water Affected: GOWANAS CANAL
Spill Notifier: Local Agency
Spill Date: 07/09/1999 09:30
Resource Affected: Surface Water
Spill Source: Other Commercial/Industrial
PBS Number: Not reported
Reported to Dept: 07/09/1999 09:55
Cleanup Ceased: Not reported
Last Inspection: Not reported
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 10/04/1999
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 07/09/1999
Date Region Sent Summary to Central Office: Not reported

GOWANAS CANAL (Continued) **S104192547**

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: 3
Quantity Spilled: 0
Units: Gallons
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: DEBRIS
Class Type: Non Pet/Non Haz
Chem Abstract Service Number: DEBRIS
Last Date: Not reported
Num Times Material Entry In File: 108
Remark: CONTRACTOR DUMPING CONSTRUCTION DEBRIS INTO THE CANAL - NYC DEP RESPONDING
DEC Remarks: Not reported

I41 **VIDAN AUTO SALVAGE** RCRIS-SQG 1003864459
WSW **327-321 BOND STREET** FINDS NYD986961167
< 1/8 **BROOKLYN, NY 11231** CERC-NFRAP
593 ft.
Higher **Site 3 of 3 in cluster I**

CERCLIS-NFRAP Classification Data:
Site Incident Category: Not reported
Federal Facility: Not a Federal Facility
Non NPL Code: NFRAP
Ownership Status: Unknown
NPL Status: Not on the NPL
Site Description: FORMER AUTOMOTIVE 'CHOP SHOP' AND CHEMICAL DUMPING SITE UNDER SITE UNDER ATTORNEY GENERAL INVESTIGATION.
CERCLIS-NFRAP Assessment History:
Assessment: PRELIMINARY ASSESSMENT Completed: 09/25/1991
Assessment: REMOVAL ASSESSMENT Completed: 09/26/1991
Assessment: SITE INSPECTION Completed: 12/29/1998
Assessment: ARCHIVE SITE Completed: 09/30/1999

RCRIS:
Owner: MICHAEL PLANTZ
(718) 488-5936
EPA ID: NYD986961167
Contact: MICHAEL PLANTZ
(718) 488-5936
Classification: Conditionally Exempt Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

VIDAN AUTO SALVAGE (Continued) **1003864459**

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

42
ENE
< 1/8
641 ft.
Higher

CROSSBAY BAY CONTRACTING **RCRIS-SQG** **1000386132**
242 NEVINS ST **FINDS** **NYD012515870**
BROOKLYN, NY 11217

RCRIS:
Owner: UNKNOWN
(212) 555-1212
EPA ID: NYD012515870
Contact: TOM FIORIO
(718) 852-5800
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

J43
South
< 1/8
644 ft.
Higher

325 NEVINS STREET **LTANKS** **S102672916**
325 NEVINS STREET **N/A**
BROOKLYN, NY

Site 1 of 3 in cluster J

LTANKS:

Spill Number:	9501568	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	MARTINKAT	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
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	WHALECO - DRIVER		
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:	05/08/1995		
Spill Cause:	Tank Overfill	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Spill Notifier:	Responsible Party	PBS Number:	Not reported
Spill Date:	05/08/1995 10:00	Reported to Dept:	05/08/1995 10:05
Cleanup Ceased:	05/08/1995		
Last Inspection:	Not reported		
Cleanup Meets Standard:	True		

325 NEVINS STREET (Continued) **S102672916**

Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: Not reported
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 05/19/1995
Date Region Sent Summary to Central Office: 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: 2
Units: Gallons
Unknown Qty Spilled: 2
Quantity Recovered: 2
Unknown Qty Recovered: False
Material: #2 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry In File: 24464
DEC Remarks: Not reported
Spill Cause: Not reported

Spill Number: 9508359 Region of Spill: 2
Facility Contact: CRUSADER CANDLE CO Facility Tele: (718) 625-0005
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
Spiller Contact: Not reported Spiller Phone: Not reported
Spiller: WHALCO FUEL OIL
Spiller Address: Not reported
Spill Class: Known release with minimal potential for fire or hazard. No DEC Response. No corrective action required.
Spill Closed Dt: 10/09/1995
Spill Cause: Tank Overfill Resource Affected: On Land
Water Affected: Not reported Spill Source: Private Dwelling
Spill Notifier: Responsible Party PBS Number: Not reported
Spill Date: 10/09/1995 07:15 Reported to Dept: 10/09/1995 07:46
Cleanup Ceased: Not reported
Last Inspection: Not reported
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False

325 NEVINS STREET (Continued) — **S102672916**

Spill Record Last Update: 10/30/1995
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 10/09/1995
Date Region Sent Summary to Central Office: 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: Gallons
Unknown Qty Spilled: Yes
Quantity Recovered: 1
Unknown Qty Recovered: False
Material: #2 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry In File: 24464
DEC Remarks: Not reported
Spill Cause: TANK OVERFILL

J44 | **South** | **< 1/8** | **644 ft.** | **Higher**

CRUSADER CANDLE CO INC — **RCRIS-SQG 1000694280** / **FINDS NYD987005840**
325 NEVINS ST
BROOKLYN, NY 11215

Site 2 of 3 in cluster J

RCRIS:
Owner: PAUL J MORRA
(718) 625-0005
EPA ID: NYD987005840
Contact: PASCHAL VANORE
(718) 625-0005
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

J45 | **SSE** | **1/8-1/4** | **702 ft.** | **Higher**

473 PRESIDENT — **LTANKS S101508966**
473 PRESIDENT ST — **N/A**
BROOKLYN, NY

Site 3 of 3 in cluster J

LTANKS:

473 PRESIDENT (Continued) **S101508966**

Spill Number:	9412605	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
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
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	SAME		
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:	Not reported		
Spill Cause:	Tank Test Failure	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Spill Notifier:	Tank Tester	PBS Number:	Not reported
Spill Date:	12/20/1994 11:20	Reported to Dept:	12/20/1994 11:25
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported		

Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: Not reported
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 03/01/1995
Date Region Sent Summary to Central Office: Not reported
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: Not reported
- Unknown Qty Spilled: -1
- Quantity Recovered: 0
- Unknown Qty Recovered: True
- Material: UNKNOWN PETROLEUM
- Class Type: Petroleum
- Chem Abstract Service Number: UNKNOWN PETROLEUM
- Last Date: 09/29/1994
- Num Times Material Entry In File: 16414

DEC Remarks: Not reported
Spill Cause: ABOANDONED LINE FAILED TEST - NO SPILL OF PRODUCT - TANK TESTER HAD NO T ANK NUMBER

46
SW
1/8-1/4
779 ft.
Higher

TWO DANS ENTERPRISES
385 CARROLL ST
BROOKLYN, NY 11231

RCRIS-SQG 1004756067
FINDS NY0001008663

TWO DANS ENTERPRISES (Continued) **1004756067**

RCRIS:
Owner: DANNY TINNEY
(718) 243-2227
EPA ID: NY0001008663
Contact: DANNY TINNEY
(718) 243-2227
Classification: Conditionally Exempt Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

NY MANIFEST
Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

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47 East 1/8-1/4 818 ft. Higher

267 DOUGLAS STREET
267 DOUGLAS STREET
N.Y.C., NY

LTANKS **S100145100**
N/A

LTANKS:

Spill Number:	8800904	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	BATTISTA	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
Spiller Contact:	Not reported	Spiller Phone:	(718) 858-2143
Spiller:	D. GARBER & SONS.		
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:	10/02/1992		
Spill Cause:	Tank Test Failure	Resource Affected:	Groundwater
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Spill Notifier:	Tank Tester	PBS Number:	2-070114
Spill Date:	04/28/1988 16:00	Reported to Dept:	04/28/1988 19:26
Cleanup Ceased:	10/02/1992		
Last Inspection:	Not reported		

Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 05/12/1994
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 04/29/1988
Date Region Sent Summary to Central Office: Not reported
Tank Test:

267 DOUGLAS STREET (Continued) **S100145100**

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: #4 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #4 FUEL OIL
Last Date: 12/05/1994
Num Times Material Entry In File: 1751
DEC Remarks: Not reported
Spill Cause: CAPACITY IS A 7,000 GALLON TANK WITH A LEAK RATE OF +2.248 G.P.H. TH E TANK IS LOCATED UNDER CEMENT SO NAT RECOMMENDS TO UNCOVER AND RE- TEST FOR POSSIBLE AIR POCKETS.

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48 **PENSKE TRUCK LEASING CO LP** **RCRIS-SQG 1000990241**
SW **347 BOND ST** **FINDS NYR000002006**
1/8-1/4 **BROOKLYN, NY 11231**
829 ft.
Higher

RCRIS:
Owner: COSMO CORP C-O ABE STERN
(718) 435-1944
EPA ID: NYR000002006
Contact: GENE RAFFA
(718) 797-4091
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

NY MANIFEST
Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

K49 **PETROLEUM TAMA CLEANERS** **RCRIS-SQG 1000367193**
NE **236 BUTLER ST** **FINDS NYD020585733**
1/8-1/4 **BROOKLYN, NY 12318**
866 ft.
Higher **Site 1 of 2 in cluster K**

PETROLEUM TAMA CLEANERS (Continued) **1000367193**

RCRIS:
Owner: Not reported
EPA ID: NYD020585733
Contact: CHARLES LARA
(212) 624-6934
Classification: Handler transports wastes, but commercial status is unknown, Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

NY MANIFEST
Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

K50 **PETROLEUM TANK CLEANERS INC** **UST U003074578**
NE **236 BUTLER ST** **AST N/A**
1/8-1/4 **BROOKLYN, NY 11212**
870 ft.
Higher **Site 2 of 2 in cluster K**

PBS UST:

PBS Number:	2-399760	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	FRANK LENDINO (718) 624-4842		
Emergency Contact:	FRANK LENDINO (718) 624-4842		
Total Tanks:	5		
Owner:	PETROLEUM TANK CLEANERS INC 236 BUTLER ST BROOKLYN, NY 11212 (718) 624-4842		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	PETROLEUM TANK CLEANERS INC ATTN: CHARLES LARA 236 BUTLER ST BROOKLYN, NY 11212 (718) 624-4842		
Tank Status:	In Service		
Capacity (gals):	3000		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	12/01/1985
Tank Type:	Steel/carbon steel	Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Internal:	EPOXY LINER	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:	GROUNDWATER WELL		

PETROLEUM TANK CLEANERS INC (Continued) U003074578

Overfill Prot:	Product Level Gauge	Dispenser:	Suction
Date Tested:	04/01/1998	Next Test Date:	04/01/2003
Date Closed:	Not reported	Test Method:	HORNER
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	50000	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	01/05/1999
Old PBS Number:	Not reported	Expiration Date:	10/06/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	TRUCKING/TRANSPORTATION		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		
PBS Number:	2-399760	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	FRANK LENDINO (718) 624-4842		
Emergency Contact:	FRANK LENDINO (718) 624-4842		
Total Tanks:	5		
Owner:	PETROLEUM TANK CLEANERS INC 236 BUTLER ST BROOKLYN, NY 11212 (718) 624-4842		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	PETROLEUM TANK CLEANERS INC ATTN: CHARLES LARA 236 BUTLER ST BROOKLYN, NY 11212 (718) 624-4842		
Tank Status:	Temporarily Out of Service		
Capacity (gals):	10000		
Tank Location:	UNDERGROUND		
Tank Id:	002	Install Date:	Not reported
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:	NONE		
Leak Detection:	GROUNDWATER WELL		
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 missing
FAMT:	Fiscal amount for registration fee is correct		

PETROLEUM TANK CLEANERS INC (Continued) **U003074578**

Total Capacity:	50000	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	01/05/1999
Old PBS Number:	Not reported	Expiration Date:	10/06/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	TRUCKING/TRANSPORTATION		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		
PBS Number:	2-399760	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	FRANK LENDINO (718) 624-4842		
Emergency Contact:	FRANK LENDINO (718) 624-4842		
Total Tanks:	5		
Owner:	PETROLEUM TANK CLEANERS INC 236 BUTLER ST BROOKLYN, NY 11212 (718) 624-4842		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	PETROLEUM TANK CLEANERS INC ATTN: CHARLES LARA 236 BUTLER ST BROOKLYN, NY 11212 (718) 624-4842		
Tank Status:	Temporarily Out of Service		
Capacity (gals):	10000		
Tank Location:	UNDERGROUND		
Tank Id:	003	Install Date:	Not reported
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:	NONE		
Leak Detection:	GROUNDWATER WELL		
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 missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	50000	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	01/05/1999
Old PBS Number:	Not reported	Expiration Date:	10/06/2002
Inspected Date:	Not reported	Inspector:	Not reported

PETROLEUM TANK CLEANERS INC (Continued) U003074578

Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	TRUCKING/TRANSPORTATION		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		
PBS Number:	2-399760	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	FRANK LENDINO (718) 624-4842		
Emergency Contact:	FRANK LENDINO (718) 624-4842		
Total Tanks:	5		
Owner:	PETROLEUM TANK CLEANERS INC 236 BUTLER ST BROOKLYN, NY 11212 (718) 624-4842		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	PETROLEUM TANK CLEANERS INC ATTN: CHARLES LARA 236 BUTLER ST BROOKLYN, NY 11212 (718) 624-4842		
Tank Status:	Temporarily Out of Service		
Capacity (gals):	20000		
Tank Location:	UNDERGROUND		
Tank Id:	004	Install Date:	Not reported
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:	NONE		
Leak Detection:	GROUNDWATER WELL		
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:	50000	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	01/05/1999
Old PBS Number:	Not reported	Expiration Date:	10/06/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	TRUCKING/TRANSPORTATION		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		

PETROLEUM TANK CLEANERS INC (Continued) **U003074578**

Region: 2

PBS AST:

PBS Number:	2-399760	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:	TRUCKING/TRANSPORTATION		
Owner Type:	Corporate/Commercial		
Owner Sub Type:	Not reported		
Owner:	PETROLEUM TANK CLEANERS INC 236 BUTLER ST BROOKLYN, NY 11212		
Owner Phone:	(718) 624-4842		
Facility Phone:	(718) 624-4842		
Operator:	FRANK LENDINO		
Emergency Name:	FRANK LENDINO		
Emergency Phone:	(718) 624-4842		
Total Tanks:	5		
Total Capacity:	50000		
Tank ID:	005		
Capacity (Gal):	7000		
Missing Data for Tank :	Minor data missing		
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE		
Product Stored:	NOS 5 OR 6 FUEL OIL		
Tank Type:	Steel/carbon steel		
Install Date:	12/01/1985		
Tank Internal:	Not reported		
Tank External:	Not reported		
Tank Containment:	Not reported		
Pipe Type:	STEEL/IRON		
Pipe Location:	Not reported		
Pipe Internal:	Not reported		
Pipe External:	Not reported		
Leak Detection:	OTHER		
Overfill Protection:	Product Level Gauge		
Dispenser Method:	Suction		
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:	PETROLEUM TANK CLEANERS INC		
Mailing Address:	236 BUTLER ST BROOKLYN, NY 11212		
Mailing Contact:	CHARLES LARA		
Mailing Telephone:	(718) 624-4842		
Owner Mark:	First Owner	Expiration Date:	10/06/2002
Certification Flag:	False	Certification Date:	01/05/1999
Renew Flag:	False	Renew Date:	/ /
Lat/Long:	Not reported		
Dead Letter:	False		
Facility Screen:	No data missing		
Owner Screen:	No data missing		
Tank Screen:	Minor data missing		
Town or City:	NEW YORK CITY		
Town or City Code:	01		

GOWANUS (Continued) U000410807

Town or City Code:	01		
County Code:	61		
Region:	2		
PBS Number:	2-474622	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	RAFAEL VELEZ (212) 306-3142		
Emergency Contact:	EMERGENCY SERVICE SQUAD (212) 289-3940		
Total Tanks:	2		
Owner:	NYC HOUSING AUTHORITY 250 BROADWAY NEW YORK, NY 10007 (212) 306-3142		
Owner Type:	Local Government		
Owner Mark:	First Owner		
Owner Subtype:	51		
Mailing Address:	NYC HOUSING AUTHORITY ATTN: FRANK OCELLO 250 BROADWAY 16TH FLOOR NEW YORK, NY 10007 (212) 306-3142		
Tank Status:	In Service		
Capacity (gals):	25000		
Tank Location:	UNDERGROUND		
Tank Id:	002	Install Date:	10/01/1981
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:	WRAPPED [PIPING]		
Second Containment:	NONE		
Leak Detection:	NONE		
Overfill Prot:	Product Level Gauge	Dispenser:	Suction
Date Tested:	07/01/1996	Next Test Date:	07/01/2001
Date Closed:	Not reported	Test Method:	HORNER
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	50000	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	11/08/1999
Old PBS Number:	Not reported	Expiration Date:	03/28/2004
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	APARTMENT BUILDING		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
52 East 1/8-1/4 955 ft. Higher	**D GAVER & SONS INC** **267 DOUGLASS ST** **BROOKLYN, NY 11217**	UST	U001831861 N/A

PBS UST:

PBS Number:	2-070114	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	ROBERT GAVER (718) 858-2143		
Emergency Contact:	ROBERT WALKER (718) 852-0392		
Total Tanks:	0		
Owner:	D GAVER & SONS 267 DOUGLASS ST BROOKLYN, NY 11217 (718) 858-2143		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	D GAVER & SONS ATTN: ROBERT GAVER 267 DOUGLASS ST BROOKLYN, NY 11217 (718) 858-2143		
Tank Status:	Closed - In Place		
Capacity (gals):	7000		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	NOS 1,2, OR 4 FUEL OIL
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/NONE		
Leak Detection:	NONE/NONE		
Overfill Prot:	Product Level Gauge	Dispenser:	Suction
Date Tested:	05/01/1993	Next Test Date:	Not reported
Date Closed:	04/01/1998	Test Method:	HORNER
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:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	03/27/1997
Old PBS Number:	Not reported	Expiration Date:	03/10/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	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		

53
WSW
1/8-1/4
974 ft.
Higher

REGENCY SERVICE CARTS INC
337-361 CARROLL ST
BROOKLYN, NY 11231

RCRIS-SQG
FINDS

1000912162
NY0000475137

RCRIS:
Owner: GIACOMO ABBATE
(718) 855-8304
EPA ID: NY0000475137
Contact: CARL COCCHIOLA
(718) 855-8304
Classification: Conditionally Exempt Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: Not reported
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 07/19/1995
Actual Date Achieved Compliance: 09/11/1995

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/19/1995
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: GENERATOR-MANIFEST REQUIREMENTS
Date Violation Determined: 07/19/1995
Actual Date Achieved Compliance: 09/11/1995

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/19/1995
Penalty Type: Not reported

There are 2 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19950911
	GENERATOR-MANIFEST REQUIREMENTS	19950911

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

54
South
1/8-1/4
1019 ft.
Higher

RED HOOK TERMINAL
HAMILTON AVE
BROOKLYN, NY

LTANKS
NY Spills

S103570854
N/A

SPILLS:
Spill Number: 9704119
Facility Contact: JACK DONAHUE
Investigator: TOMASELLO
Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
Spiller Contact: Not reported
Region of Spill: 2
Facility Tele: (718) 875-0084
SWIS: 61
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Spiller Phone: (905) 305-0215

RED HOOK TERMINAL (Continued) **S103570854**

Spiller: PARAGON COMMERCIAL
Spiller Address: 90B CENTURIAN DRIVE
ONTARIO CANADA, CA
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 07/07/1997
Spill Cause: Other
Water Affected: Not reported
Spill Notifier: Federal Government
Spill Date: 07/07/1997 12:00
Resource Affected: On Land
Spill Source: Other Commercial/Industrial
PBS Number: Not reported
Reported to Dept: 07/07/1997 13:50
Cleanup Ceased: Not reported
Last Inspection: Not reported
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 01/23/1998
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 07/07/1997
Date Region Sent Summary to Central Office: 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: 2
Quantity Spilled: 1745
Units: Pounds
Unknown Qty Spilled: 1745
Quantity Recovered: 1745
Unknown Qty Recovered: False
Material: HYDROCHLORIC ACID
Class Type: Hazardous
Chem Abstract Service Number: HYDROCHLORIC ACID
Last Date: 08/02/1994
Num Times Material Entry In File: 240
Material: HYDROGEN CHLORIDE
Class Type: Hazardous
Chem Abstract Service Number: HYDROGEN CHLORIDE
Last Date: 11/11/1994
Num Times Material Entry In File: 235
Material: MURIATIC ACID
Class Type: Hazardous
Chem Abstract Service Number: MURIATIC ACID
Last Date: Not reported
Num Times Material Entry In File: 0
Material Class Type: 3
Quantity Spilled: 25080
Units: Pounds
Unknown Qty Spilled: 25080
Quantity Recovered: 25080

RED HOOK TERMINAL (Continued) **S103570854**

Unknown Qty Recovered: False
Material: ISOPROPYL ALCOHOL
Class Type: Non Pet/Non Haz
Chem Abstract Service Number: ISOPROPYL ALCOHOL
Last Date: 08/15/1995
Num Times Material Entry In File: 27
Remark: CONTAINER UNLOADED AND FOUND TO BE LEAKING - NYC FD HAZ MAT ON SCENE - DEP IS ALSO SENDING A CREW - CONTAINER IS ISOLATED
DEC Remarks: 12:20 CALLED DONAHUE LEAKING ON PIER. DOCK ON CONCRETE. WATER 2-300FT. AWAY. NON HAZ CLEANING COMPUND ISOLATS LEAKING. ALL IN SEPRATE SSG DRU MS. SMALL 5 GAL PAILS. FD. IN CONTAINER TO DETIRY THE SPILLER. I WILL NOT BE RESPONDING. CPT.

LTANKS:
Spill Number: 8908683
Facility Contact: Not reported
Investigator: TOMASELLO
Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
Spiller Contact: Not reported
Spiller: Not reported
Spiller Address: Not reported
Spill Class: Not reported
Spill Closed Dt: 12/02/1989
Spill Cause: Tank Overfill
Water Affected: Not reported
Spill Notifier: Responsible Party
Spill Date: 12/02/1989 17:30
Cleanup Ceased: 12/02/1989
Last Inspection: Not reported
Region of Spill: 2
Facility Tele: Not reported
SWIS: 61
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Spiller Phone: Not reported
Resource Affected: Surface Water
Spill Source: Vessel
PBS Number: Not reported
Reported to Dept: 12/02/1989 18:46
Cleanup Meets Standard: True
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 01/25/1990
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 01/10/1990
Date Region Sent Summary to Central Office: 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: 0
Units: Not reported
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: UNKNOWN PETROLEUM

RED HOOK TERMINAL (Continued) **S103570854**

Class Type: Petroleum
Chem Abstract Service Number: UNKNOWN PETROLEUM
Last Date: 09/29/1994
Num Times Material Entry In File: 16414
DEC Remarks: Not reported
Spill Cause: Not reported

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55 West 1/8-1/4 1039 ft. Higher

NYC BD OF ED - PUBLIC SCHOOL 32 K **RCRIS-SQG 1001028758**
317 HOYT ST **FINDS NYR000009902**
BROOKLYN, NY 11231

RCRIS:
Owner: NYC BD OF ED
(718) 935-5010
EPA ID: NYR000009902
Contact: MICHAEL MOSKOWITZ
(212) 727-7676
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

NY MANIFEST
Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

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56 NNE 1/8-1/4 1047 ft. Higher

FORTWAY COLLISION INC **RCRIS-SQG 1000422837**
471 BALTIC ST **FINDS NYD982726911**
BROOKLYN, NY 11217

RCRIS:
Owner: ANGELO NIGRELLI
(212) 555-1212
EPA ID: NYD982726911
Contact: ANGELO NIGRELLI
(718) 855-2146
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

FORTWAY COLLISION INC (Continued) **1000422837**

Violation Status: No violations found

NY MANIFEST
Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

57
SW
1/8-1/4
1058 ft.
Higher

NEW AMSTERDAM THEATER
40 1ST ST
NEW YORK, NY 10013

RCRIS-SQG **1001113438**
FINDS **NYR000024281**

RCRIS:
Owner: EMPIRE STATE DEVELOPMENT CORP
(212) 790-2575
EPA ID: NYR000024281
Contact: STAN ABRAMSKI
(516) 681-7136
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

58
SSE
1/8-1/4
1088 ft.
Higher

LINDA TOOL & DIE CORP
459 CARROLL ST
BROOKLYN, NY 11215

RCRIS-SQG **1000791081**
FINDS **NYD987025822**

RCRIS:
Owner: MIKE DIMARINO
(718) 522-2066
EPA ID: NYD987025822
Contact: MIKE DIMARINO
(718) 522-2066
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

LINDA TOOL & DIE CORP (Continued) **1000791081**

Violation Status: No violations found

NY MANIFEST
Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

59
ENE
1/8-1/4
1103 ft.
Higher

BALTIC RECYCLING T.S.
524-26 BALTIC STRET
BROOKLYN, NY 11217

SWF/LF **S103592384**
N/A

LF:

Facility ID:	24T97	Telephone:	(718) 624-2459
DEC Region:	2	Permit #:	Not reported
Permit issue date:	03/19/97	Permit Expires:	03/19/02
Authrzd/Operate Dt:	/ /	Constrct Perm #:	0
Auth. to Construct:	/ /	Const Permit Exp:	/ /
Regulatory Status:	Permit	Receiving Waste:	False
Started Rec Waste:	/ /	Stop Rec Waste:	/ /
Fax:	Not reported		
Aquifer:	none		
Waste type:	Putrescible		
Owner Name:	Baltic recycling Corp.	Owner Type:	Private
Mail Address:	32 Piermont Road Cresskill, NJ 07626		
Owner Telephone:	(201) 569-1778	Operator Name:	Paul & Sal Rutigliano
Annual Report Submitted to ALB:			
Single Liner:	False		
Single Composite Liner:	False		
Double Liner:	False		
Double Composite Liner:	False		
Date Ordered On Consent Signed:	/ /		
Accomplish Date Of Order:	/ /		
Ny Transverse Mercator Coordinates East:	585825		
Ny Transverse Mercator Coordinates North:	4503935		
Facility Code:	T		
Code:	F		
Tons:	0		
Facility:	F		
Annual Report for 2001:	False		
Quarterly Report 1:	False		
Quarterly Report 2:	False		
Quarterly Report 3:	False		
Quarterly Report 4:	False		
IHWS number:	0		
IHWS classification:	Not reported		
Inactive HWS:	False		
1989:	False		
1990:	False		
1991:	False		
1992:	False		
1993:	False		
1994:	False		
1995:	False		

BALTIC RECYCLING T.S. (Continued) S103592384

1996:	False
1997:	True
1998:	False
1999:	False
2000:	False
Accounted For At Another Facility	False
Quarter 1:	False
Quarter 2:	False
Quarter 3:	False
Quarter 4:	False
Remarks:	Not reported
Comments:	Not reported

L60 **RYDER TRUCK RENTAL, INC.** UST U003030983
East **280 DOUGLAS STREET** N/A
1/8-1/4 **BROOKLYN, NY 11217**
1128 ft.
Higher **Site 1 of 3 in cluster L**

PBS UST:

PBS Number:	2-333352	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	JERRY GASPARRINI (718) 694-9873		
Emergency Contact:	JERRY GASPARRINI (718) 694-9873		
Total Tanks:	0		
Owner:	RYDER TRUCK RENTAL, INC. 405A OAKWOOD ROAD HUNTINGTON STATION, NY 11746 (516) 271-8686		
Owner Type:	Corporate/Commercial		
Owner Mark:	Third Owner		
Owner Subtype:	Not reported		
Mailing Address:	RYDER TRUCK RENTAL, INC. ATTN: JERRY GASPARRINI 280 DOUGLAS STREET BROOKLYN, NY 11217 (718) 694-9873		
Tank Status:	Closed - In Place		
Capacity (gals):	4000		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	04/01/1984
Tank Type:	Steel/carbon steel	Product Stored:	DIESEL
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/NONE		
Leak Detection:	NONE/NONE		
Overfill Prot:	None	Dispenser:	Suction
Date Tested:	12/01/1994	Next Test Date:	Not reported
Date Closed:	04/01/1998	Test Method:	TANKOLOGY [VACUTECT]
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

RYDER TRUCK RENTAL, INC. (Continued) **U003030983**

Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	02/07/1996
Old PBS Number:	Not reported	Expiration Date:	11/17/2000
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	TRUCKING/TRANSPORTATION		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		

PBS OWNHIST

Operator:	HERTZ-PENSKE TRUCK LEASING		
Emergency:	JOSEPH GAGLIARDI		
Emergency Tel:	(201) 838-5531	Old PBSNO:	Not reported
Facility Type:	Not reported		
Facility Owner:	DAILY NEWS GARAGE		
Facility Address:	280 DOUGLASS ST BKLYN, NY 11217		
Inspector:	Not reported	Inspect Date:	Not reported
Insp Result:	Not reported	Federal ID:	Not reported
Owner:	NEW YORK NEWS INC		
Owner Tel:	(212) 210-2937	Owner Type:	Not reported
Owner Subtype:	Not reported		
Mail Address:	NEW YORK NEWS INC 220 E 42ND ST NY, NY 10017 Not reported (212) 210-2937		
Owner Mark:	First Owner		
Certify Date:	10/02/1992	Expiration:	10/02/1992
Total Capacity (Gal):	25000		

CBS Registration Num :	Not reported
SPDES Number:	Not reported
Lat/Long :	Not reported
County Facility:	6101
Facility Phone :	(718) 230-7367
Num of Active Tanks :	6
Facility Owner:	NEW YORK NEWS INC
Facility Address:	220 E 42ND ST NY, NY 10017
Owner Phone:	(212) 210-2937
Facility Status:	1
Certificate Needs Printed :	False
Renewal Printed :	False
Pre-printed Renewal Form Last Printed :	Not reported
Fiscal Amt For Registration Fee Pbsrect:	True
Dt Ownership Transfer Occurr in Computer :	10/08/1993
Facility Record Updated:	True

Operator:	PENSKE TRUCK LEASING		
Emergency:	DANIEL JEADER		
Emergency Tel:	(718) 797-4091	Old PBSNO:	Not reported
Facility Type:	TRUCKING/TRANSPORTATION		
Facility Owner:	DAILY NEWS GARAGE		
Facility Address:	280 DOUGLASS ST		

RYDER TRUCK RENTAL, INC. (Continued) **U003030983**

280 DOUGLASS ST
BKLYN, NY 11217

Inspector:	Not reported	Inspect Date:	Not reported
Insp Result:	Not reported	Federal ID:	58-1899638
Owner:	MAXWELL NEWS PAPERS INC.		
Owner Tel:	(212) 210-6310	Owner Type:	Not reported
Owner Subtype:	Not reported		
Mail Address:	MAXWELL NEWS PAPERS, INC. 220 EAST 42ND STREET ROOM 800 NEW YORK, NY 10017 JAY SWARDENSKI, SR. V-P (212) 210-6510		
Owner Mark:	Second Owner		
Certify Date:	10/08/1998	Expiration:	10/08/1998
Total Capacity (Gal):	25000		

CBS Registration Num :	Not reported
SPDES Number:	Not reported
Lat/Long :	Not reported
County Facility:	6101
Facility Phone :	(718) 797-4091
Num of Active Tanks :	6
Facility Owner:	MAXWELL NEWS PAPERS INC.
Facility Address:	220 EAST 42ND STREET, ROOM 800 NEW YORK, NY 10017
Owner Phone:	(212) 210-6310
Facility Status:	1
Certificate Needs Printed :	False
Renewal Printed :	False
Pre-printed Renewal Form Last Printed :	Not reported
Fiscal Amt For Registration Fee Pbsrect:	True
Dt Ownership Transfer Occurr in Computer :	11/17/1995
Facility Record Updated:	True

PBS Number:	2-333352	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	JERRY GASPARRINI (718) 694-9873		
Emergency Contact:	JERRY GASPARRINI (718) 694-9873		
Total Tanks:	0		
Owner:	RYDER TRUCK RENTAL, INC. 405A OAKWOOD ROAD HUNTINGTON STATION, NY 11746 (516) 271-8686		
Owner Type:	Corporate/Commercial		
Owner Mark:	Third Owner		
Owner Subtype:	Not reported		
Mailing Address:	RYDER TRUCK RENTAL, INC. ATTN: JERRY GASPARRINI 280 DOUGLAS STREET BROOKLYN, NY 11217 (718) 694-9873		
Tank Status:	Closed - In Place		
Capacity (gals):	4000		
Tank Location:	UNDERGROUND		

RYDER TRUCK RENTAL, INC. (Continued) **U003030983**

Tank Id:	002	Install Date:	04/01/1984
Tank Type:	Steel/carbon steel	Product Stored:	DIESEL
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/NONE		
Leak Detection:	NONE/NONE		
Overfill Prot:	None	Dispenser:	Suction
Date Tested:	03/01/1995	Next Test Date:	Not reported
Date Closed:	04/01/1998	Test Method:	TANK AUDITOR
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:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	02/07/1996
Old PBS Number:	Not reported	Expiration Date:	11/17/2000
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	TRUCKING/TRANSPORTATION		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		

PBS OWNHIST

Operator:	HERTZ-PENSKE TRUCK LEASING		
Emergency:	JOSEPH GAGLIARDI		
Emergency Tel:	(201) 838-5531	Old PBSNO:	Not reported
Facility Type:	Not reported		
Facility Owner:	DAILY NEWS GARAGE		
Facility Address:	280 DOUGLASS ST BKLYN, NY 11217		
Inspector:	Not reported	Inspect Date:	Not reported
Insp Result:	Not reported	Federal ID:	Not reported
Owner:	NEW YORK NEWS INC		
Owner Tel:	(212) 210-2937	Owner Type:	Not reported
Owner Subtype:	Not reported		
Mail Address:	NEW YORK NEWS INC 220 E 42ND ST NY, NY 10017 Not reported (212) 210-2937		
Owner Mark:	First Owner		
Certify Date:	10/02/1992	Expiration:	10/02/1992
Total Capacity (Gal):	25000		
CBS Registration Num :	Not reported		
SPDES Number:	Not reported		
Lat/Long :	Not reported		
County Facility:	6101		
Facility Phone :	(718) 230-7367		
Num of Active Tanks :	6		
Facility Owner:	NEW YORK NEWS INC		
Facility Address:	220 E 42ND ST		

RYDER TRUCK RENTAL, INC. (Continued) U003030983

NY, NY 10017
Owner Phone: (212) 210-2937
Facility Status: 1
Certificate Needs Printed : False
Renewal Printed : False
Pre-printed Renewal Form Last Printed : Not reported
Fiscal Amt For Registration Fee Pbsrect: True
Dt Ownership Transfer Occurr in Computer : 10/08/1993
Facility Record Updated: True

Operator: PENSKE TRUCK LEASING
Emergency: DANIEL JEADER
Emergency Tel: (718) 797-4091 Old PBSNO: Not reported
Facility Type: TRUCKING/TRANSPORTATION
Facility Owner: DAILY NEWS GARAGE
Facility Address: 280 DOUGLASS ST
280 DOUGLASS ST
BKLYN, NY 11217
Inspector: Not reported Inspect Date: Not reported
Insp Result: Not reported Federal ID: 58-1899638
Owner: MAXWELL NEWS PAPERS INC.
Owner Tel: (212) 210-6310 Owner Type: Not reported
Owner Subtype: Not reported
Mail Address: MAXWELL NEWS PAPERS, INC.
220 EAST 42ND STREET
ROOM 800
NEW YORK, NY 10017
JAY SWARDENSKI, SR. V-P
(212) 210-6510
Owner Mark: Second Owner
Certify Date: 10/08/1998 Expiration: 10/08/1998
Total Capacity (Gal): 25000
CBS Registration Num : Not reported
SPDES Number: Not reported
Lat/Long : Not reported
County Facility: 6101
Facility Phone : (718) 797-4091
Num of Active Tanks : 6
Facility Owner: MAXWELL NEWS PAPERS INC.
Facility Address: 220 EAST 42ND STREET, ROOM 800

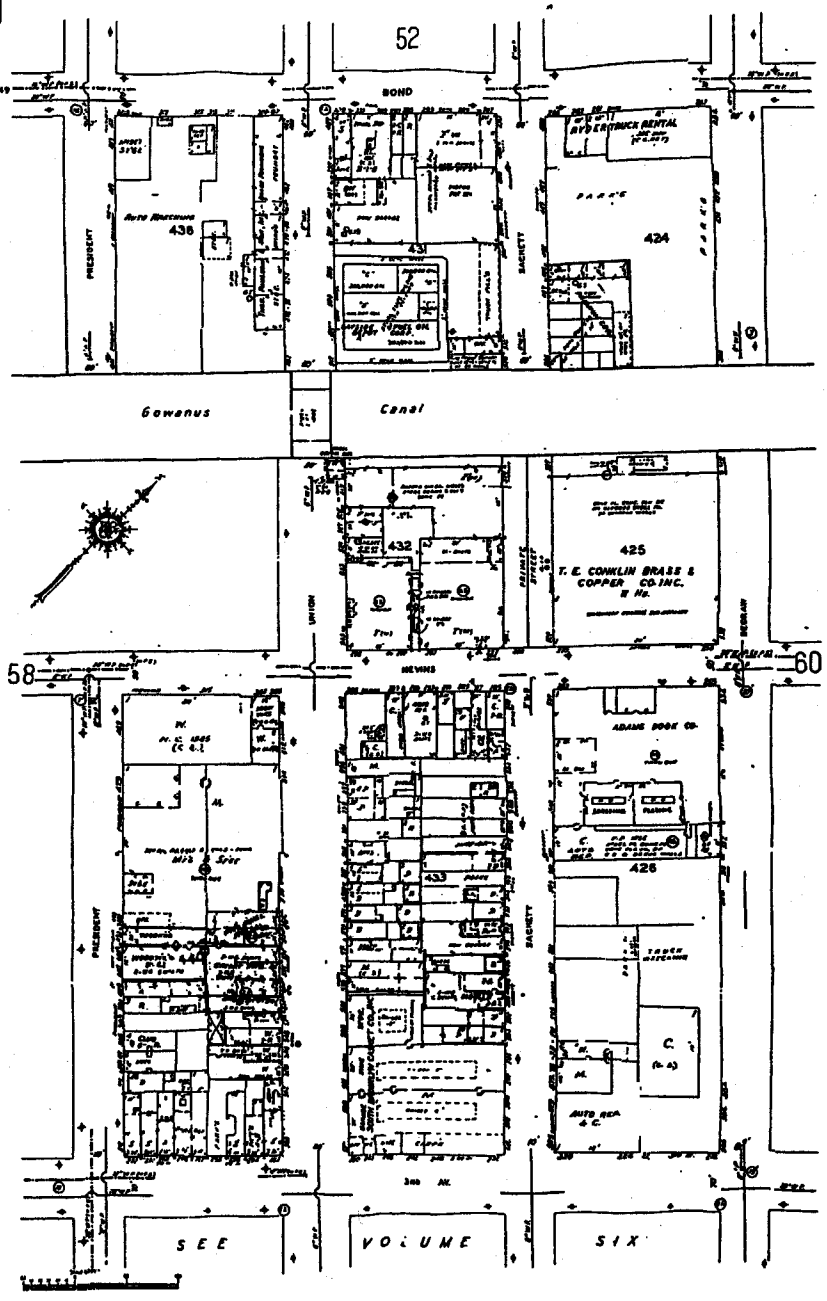
NEW YORK, NY 10017
Owner Phone: (212) 210-6310
Facility Status: 1
Certificate Needs Printed : False
Renewal Printed : False
Pre-printed Renewal Form Last Printed : Not reported
Fiscal Amt For Registration Fee Pbsrect: True
Dt Ownership Transfer Occurr in Computer : 11/17/1995
Facility Record Updated: True

PBS Number: 2-333352 CBS Number: Not reported
SPDES Number: Not reported SWIS ID: 6101
Operator: JERRY GASPARRINI
(718) 694-9873
Emergency Contact: JERRY GASPARRINI

RYDER TRUCK RENTAL, INC. (Continued) **U003030983**

(718) 694-9873
Total Tanks: 0
Owner: RYDER TRUCK RENTAL, INC.
405A OAKWOOD ROAD
HUNTINGTON STATION, NY 11746
(516) 271-8686
Owner Type: Corporate/Commercial
Owner Mark: Third Owner
Owner Subtype: Not reported
Mailing Address: RYDER TRUCK RENTAL, INC.
ATTN: JERRY GASPARRINI
280 DOUGLAS STREET
BROOKLYN, NY 11217
(718) 694-9873
Tank Status: Closed - In Place
Capacity (gals): 4000
Tank Location: UNDERGROUND
Tank Id: 003 Install Date: 04/01/1984
Tank Type: Steel/carbon steel Product Stored: DIESEL
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/NONE
Leak Detection: NONE/NONE
Overfill Prot: None Dispenser: Suction
Date Tested: 03/01/1995 Next Test Date: Not reported
Date Closed: 04/01/1998 Test Method: TANK AUDITOR
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: Renwal has not been printed Facility Screen: No data missing
Certification Flag: False Certification Date: 02/07/1996
Old PBS Number: Not reported Expiration Date: 11/17/2000
Inspected Date: Not reported Inspector: Not reported
Inspection Result: Not reported
Lat/long: Not reported
Facility Type: TRUCKING/TRANSPORTATION
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 61
Region: 2

PBS OWNHIST
Operator: HERTZ-PENSKE TRUCK LEASING
Emergency: JOSEPH GAGLIARDI
Emergency Tel: (201) 838-5531 Old PBSNO: Not reported
Facility Type: Not reported
Facility Owner: DAILY NEWS GARAGE
Facility Address: 280 DOUGLASS ST
BKLYN, NY 11217
Inspector: Not reported Inspect Date: Not reported
Insp Result: Not reported Federal ID: Not reported
Owner: NEW YORK NEWS INC
Owner Tel: (212) 210-2937 Owner Type: Not reported



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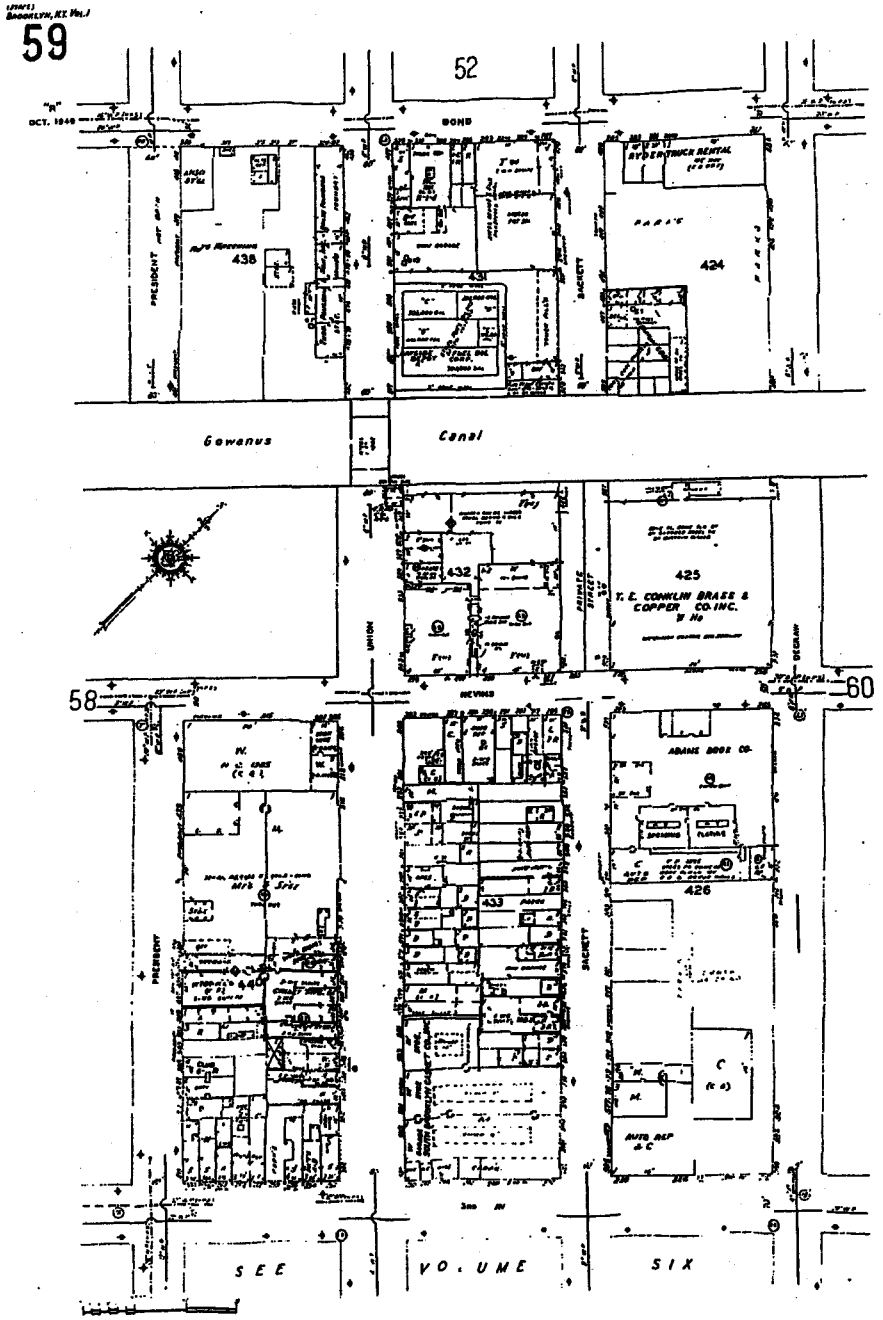

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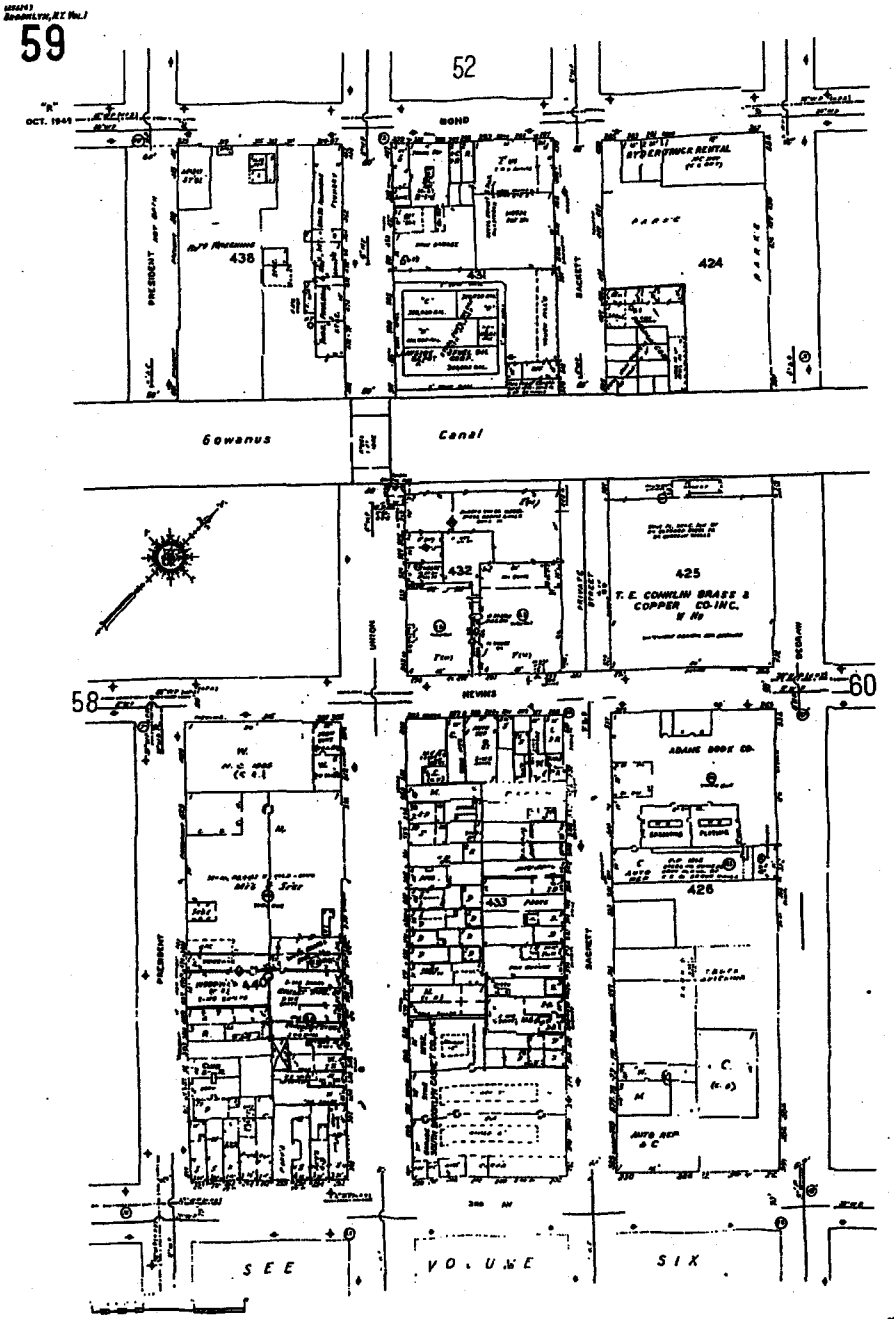

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Year EDR Research Associate

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RYDER TRUCK RENTAL, INC. (Continued) U003030983

Owner Subtype: Not reported
Mail Address: NEW YORK NEWS INC
220 E 42ND ST
NY, NY 10017
Not reported
(212) 210-2937
Owner Mark: First Owner
Certify Date: 10/02/1992 Expiration: 10/02/1992
Total Capacity (Gal): 25000
CBS Registration Num : Not reported
SPDES Number: Not reported
Lat/Long : Not reported
County Facility: 6101
Facility Phone : (718) 230-7367
Num of Active Tanks : 6
Facility Owner: NEW YORK NEWS INC
Facility Address: 220 E 42ND ST
NY, NY 10017
Owner Phone: (212) 210-2937
Facility Status: 1
Certificate Needs Printed : False
Renewal Printed : False
Pre-printed Renewal Form Last Printed : Not reported
Fiscal Amt For Registration Fee Pbsrect: True
Dt Ownership Transfer Occurr in Computer : 10/08/1993
Facility Record Updated: True

Operator: PENSKE TRUCK LEASING
Emergency: DANIEL JEADER
Emergency Tel: (718) 797-4091 Old PBSNO: Not reported
Facility Type: TRUCKING/TRANSPORTATION
Facility Owner: DAILY NEWS GARAGE
Facility Address: 280 DOUGLASS ST
280 DOUGLASS ST
BKLYN, NY 11217
Inspector: Not reported Inspect Date: Not reported
Insp Result: Not reported Federal ID: 58-1899638
Owner: MAXWELL NEWS PAPERS INC.
Owner Tel: (212) 210-6310 Owner Type: Not reported
Owner Subtype: Not reported
Mail Address: MAXWELL NEWS PAPERS, INC.
220 EAST 42ND STREET
ROOM 800
NEW YORK, NY 10017
JAY SWARDENSKI, SR. V-P
(212) 210-6510
Owner Mark: Second Owner
Certify Date: 10/08/1998 Expiration: 10/08/1998
Total Capacity (Gal): 25000
CBS Registration Num : Not reported
SPDES Number: Not reported
Lat/Long : Not reported
County Facility: 6101
Facility Phone : (718) 797-4091
Num of Active Tanks : 6
Facility Owner: MAXWELL NEWS PAPERS INC.

RYDER TRUCK RENTAL, INC. (Continued) **U003030983**

Facility Address:	220 EAST 42ND STREET, ROOM 800
	NEW YORK, NY 10017
Owner Phone:	(212) 210-6310
Facility Status:	1
Certificate Needs Printed :	False
Renewal Printed :	False
Pre-printed Renewal Form Last Printed :	Not reported
Fiscal Amt For Registration Fee Pbsrect:	True
Dt Ownership Transfer Occurr in Computer :	11/17/1995
Facility Record Updated:	True

PBS Number:	2-333352	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	JERRY GASPARRINI (718) 694-9873		
Emergency Contact:	JERRY GASPARRINI (718) 694-9873		
Total Tanks:	0		
Owner:	RYDER TRUCK RENTAL, INC. 405A OAKWOOD ROAD HUNTINGTON STATION, NY 11746 (516) 271-8686		
Owner Type:	Corporate/Commercial		
Owner Mark:	Third Owner		
Owner Subtype:	Not reported		
Mailing Address:	RYDER TRUCK RENTAL, INC. ATTN: JERRY GASPARRINI 280 DOUGLAS STREET BROOKLYN, NY 11217 (718) 694-9873		
Tank Status:	Closed - In Place		
Capacity (gals):	4000		
Tank Location:	UNDERGROUND		
Tank Id:	004	Install Date:	04/01/1984
Tank Type:	Steel/carbon steel	Product Stored:	DIESEL
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/NONE		
Leak Detection:	NONE/NONE		
Overfill Prot:	None	Dispenser:	Suction
Date Tested:	03/01/1995	Next Test Date:	Not reported
Date Closed:	04/01/1998	Test Method:	TANK AUDITOR
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:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	02/07/1996
Old PBS Number:	Not reported	Expiration Date:	11/17/2000
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		

RYDER TRUCK RENTAL, INC. (Continued) **U003030983**

Facility Type: TRUCKING/TRANSPORTATION
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 61
Region: 2

PBS OWNHIST
Operator: HERTZ-PENSKE TRUCK LEASING
Emergency: JOSEPH GAGLIARDI
Emergency Tel: (201) 838-5531 Old PBSNO: Not reported
Facility Type: Not reported
Facility Owner: DAILY NEWS GARAGE
Facility Address: 280 DOUGLASS ST
BKLYN, NY 11217
Inspector: Not reported Inspect Date: Not reported
Insp Result: Not reported Federal ID: Not reported
Owner: NEW YORK NEWS INC
Owner Tel: (212) 210-2937 Owner Type: Not reported
Owner Subtype: Not reported
Mail Address: NEW YORK NEWS INC
220 E 42ND ST
NY, NY 10017
Not reported
(212) 210-2937
Owner Mark: First Owner
Certify Date: 10/02/1992 Expiration: 10/02/1992
Total Capacity (Gal): 25000
CBS Registration Num : Not reported
SPDES Number: Not reported
Lat/Long : Not reported
County Facility: 6101
Facility Phone : (718) 230-7367
Num of Active Tanks : 6
Facility Owner: NEW YORK NEWS INC
Facility Address: 220 E 42ND ST
NY, NY 10017
Owner Phone: (212) 210-2937
Facility Status: 1
Certificate Needs Printed : False
Renewal Printed : False
Pre-printed Renewal Form Last Printed : Not reported
Fiscal Amt For Registration Fee Pbsrect: True
Dt Ownership Transfer Occurr in Computer : 10/08/1993
Facility Record Updated: True

Operator: PENSKE TRUCK LEASING
Emergency: DANIEL JEADER
Emergency Tel: (718) 797-4091 Old PBSNO: Not reported
Facility Type: TRUCKING/TRANSPORTATION
Facility Owner: DAILY NEWS GARAGE
Facility Address: 280 DOUGLASS ST
280 DOUGLASS ST
BKLYN, NY 11217
Inspector: Not reported Inspect Date: Not reported
Insp Result: Not reported Federal ID: 58-1899638
Owner: MAXWELL NEWS PAPERS INC.
Owner Tel: (212) 210-6310 Owner Type: Not reported

RYDER TRUCK RENTAL, INC. (Continued) U003030983

Pipe External:	NONE/NONE		
Second Containment:	NONE/NONE		
Leak Detection:	NONE/NONE		
Overfill Prot:	None	Dispenser:	Suction
Date Tested:	03/01/1995	Next Test Date:	Not reported
Date Closed:	04/01/1998	Test Method:	TANK AUDITOR
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:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	02/07/1996
Old PBS Number:	Not reported	Expiration Date:	11/17/2000
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	TRUCKING/TRANSPORTATION		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		

PBS OWNHIST

Operator:	HERTZ-PENSKE TRUCK LEASING		
Emergency:	JOSEPH GAGLIARDI		
Emergency Tel:	(201) 838-5531	Old PBSNO:	Not reported
Facility Type:	Not reported		
Facility Owner:	DAILY NEWS GARAGE		
Facility Address:	280 DOUGLASS ST BKLYN, NY 11217		
Inspector:	Not reported	Inspect Date:	Not reported
Insp Result:	Not reported	Federal ID:	Not reported
Owner:	NEW YORK NEWS INC		
Owner Tel:	(212) 210-2937	Owner Type:	Not reported
Owner Subtype:	Not reported		
Mail Address:	NEW YORK NEWS INC 220 E 42ND ST NY, NY 10017 Not reported (212) 210-2937		
Owner Mark:	First Owner		
Certify Date:	10/02/1992	Expiration:	10/02/1992
Total Capacity (Gal):	25000		
CBS Registration Num :	Not reported		
SPDES Number:	Not reported		
Lat/Long :	Not reported		
County Facility:	6101		
Facility Phone :	(718) 230-7367		
Num of Active Tanks :	6		
Facility Owner:	NEW YORK NEWS INC		
Facility Address:	220 E 42ND ST NY, NY 10017		
Owner Phone:	(212) 210-2937		
Facility Status:	1		
Certificate Needs Printed :	False		
Renewal Printed :	False		

RYDER TRUCK RENTAL, INC. (Continued) **U003030983**

Pre-printed Renewal Form Last Printed : Not reported
Fiscal Amt For Registration Fee Pbsrect: True
Dt Ownership Transfer Occurr in Computer : 10/08/1993
Facility Record Updated: True

Operator: PENSKE TRUCK LEASING
Emergency: DANIEL JEADER
Emergency Tel: (718) 797-4091 Old PBSNO: Not reported
Facility Type: TRUCKING/TRANSPORTATION
Facility Owner: DAILY NEWS GARAGE
Facility Address: 280 DOUGLASS ST
280 DOUGLASS ST
BKLYN, NY 11217
Inspector: Not reported Inspect Date: Not reported
Insp Result: Not reported Federal ID: 58-1899638
Owner: MAXWELL NEWS PAPERS INC.
Owner Tel: (212) 210-6310 Owner Type: Not reported
Owner Subtype: Not reported
Mail Address: MAXWELL NEWS PAPERS, INC.
220 EAST 42ND STREET
ROOM 800
NEW YORK, NY 10017
JAY SWARDENSKI, SR. V-P
(212) 210-6510
Owner Mark: Second Owner
Certify Date: 10/08/1998 Expiration: 10/08/1998
Total Capacity (Gal): 25000
CBS Registration Num : Not reported
SPDES Number: Not reported
Lat/Long : Not reported
County Facility: 6101
Facility Phone : (718) 797-4091
Num of Active Tanks : 6
Facility Owner: MAXWELL NEWS PAPERS INC.
Facility Address: 220 EAST 42ND STREET, ROOM 800
NEW YORK, NY 10017
Owner Phone: (212) 210-6310
Facility Status: 1
Certificate Needs Printed : False
Renewal Printed : False
Pre-printed Renewal Form Last Printed : Not reported
Fiscal Amt For Registration Fee Pbsrect: True
Dt Ownership Transfer Occurr in Computer : 11/17/1995
Facility Record Updated: True

This is the most recent NY PBS data for this site.
The NY PBS database contains 1 additional record for this site.
Please contact your EDR Account Executive for more information.

L61 **RYDER TRUCK RENTAL INC** **RCRIS-SQG 1004756768**
East **280 DOUGLAS ST** **FINDS NYD981567431**
1/8-1/4 **BROOKLYN, NY 11217**
1128 ft.
Higher **Site 2 of 3 in cluster L**

RYDER TRUCK RENTAL INC (Continued) **1004756768**

RCRIS:
Owner: 280 INC
(516) 239-5831
EPA ID: NYD981567431
Contact: GERALD GASPARRINI
(718) 694-9873
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

NY MANIFEST
Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

L62 **280 DOUGLAS ST** **LTANKS S101341149**
East **280 DOUGLAS ST** **NY Spills N/A**
1/8-1/4 **BROOKLYN, NY**
1128 ft.
Higher **Site 3 of 3 in cluster L**

SPILLS:

Spill Number:	9415530	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
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
Spiller Contact:	Not reported	Spiller Phone:	(718) 852-7000
Spiller:	WHALECO FUEL		
Spiller Address:	1 COFFEY ST BROOKLYN, NEW YORK 11231		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	03/01/1995		
Spill Cause:	Equipment Failure	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Spill Notifier:	Responsible Party	PBS Number:	Not reported
Spill Date:	02/28/1995 10:30	Reported to Dept:	02/28/1995 10:48
Cleanup Ceased:	03/01/1995		
Last Inspection:	Not reported		

Cleanup Meets Standard: True
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: Not reported
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 04/20/1995
Date Region Sent Summary to Central Office: Not reported

280 DOUGLAS ST (Continued) **S101341149**

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: 40
Units: Gallons
Unknown Qty Spilled: 40
Quantity Recovered: 40
Unknown Qty Recovered: False
Material: DIESEL
Class Type: Petroleum
Chem Abstract Service Number: DIESEL
Last Date: 07/28/1994
Num Times Material Entry In File: 10625
Remark: BAD GAUGE WHEN FILLING - PRODUCT VENTED ONTO THE ROOF OF THE BUILDING. 7-10 PEOPLE FROM WHALECO FUEL THERE NOW TO CLEAN UP. PETROLEEUM TANK C LEANERS WAS UP ON ROOF.
DEC Remarks: Not reported

LTANKS:
Spill Number: 9410669
Region of Spill: 2
Facility Contact: Not reported
Facility Tele: Not reported
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
Spiller Contact: Not reported
Spiller Phone: (610) 775-6471
Spiller: PENSKE TRUCK
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: 03/10/1995
Spill Cause: Tank Test Failure
Resource Affected: On Land
Water Affected: Not reported
Spill Source: Other Commercial/Industrial
Spill Notifier: Tank Tester
PBS Number: Not reported
Spill Date: 11/10/1994 12:20
Reported to Dept: 11/10/1994 12:24
Cleanup Ceased: 03/10/1995
Last Inspection: Not reported
Cleanup Meets Standard: True
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 04/17/1995
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 12/08/1994
Date Region Sent Summary to Central Office: Not reported
Tank Test:
PBS Number: Not reported
Tank Number: Not reported

280 DOUGLAS ST (Continued) S101341149

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: WASTE OIL
Class Type: Petroleum
Chem Abstract Service Number: WASTE OIL
Last Date: 09/27/1994
Num Times Material Entry In File: 9509
DEC Remarks: Not reported
Spill Cause: TO EX-TANK AFTER PUMPING OUT

63
North
1/8-1/4
1172 ft.
Higher

NYCHA - GOWANUS HOUSES RCRIS-SQG 1001113325
423 BALTIC AVE FINDS NYR000023150
BROOKLYN, NY 11217

RCRIS:
Owner: NYCHA
(718) 707-5731
EPA ID: NYR000023150
Contact: ANTHONY SOLOMITA
(718) 707-5731
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

64
ENE
1/8-1/4
1265 ft.
Higher

DICENT SERVICE STATION INC. UST U003065840
169 THIRD AVENUE N/A
BROOKLYN, NY 11215

PBS UST:
PBS Number: 2-402842
SPDES Number: Not reported
Operator: RAFAEL DICEN
(718) 624-3268
Emergency Contact: RAFAEL DICEN
(718) 624-3268
Total Tanks: 2
Owner: ASTI HOLDING CORPORATION
CBS Number: Not reported
SWIS ID: 6101

DICENT SERVICE STATION INC. (Continued) **U003065840**

121-03 DUPONT STREET
PLAINVIEW, NY 11803
(516) 349-8600

Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	ASTI HOLDING CORPORATION ATTN: JOSEPH MACCHIA, JR. 121-03 DUPONT STREET PLAINFIELD, NY 11803 (516) 349-8600		
Tank Status:	In Service		
Capacity (gals):	4000		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	12/01/1972
Tank Type:	Steel/carbon steel	Product Stored:	UNLEADED GASOLINE
Tank Internal:	FIBERGLASS LINER [FRP]	Pipe Internal:	NONE
Pipe Location:	Underground	Pipe Type:	OTHER
Tank External:	NONE/NONE		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE/NONE		
Second Containment:	NONE/NONE		
Leak Detection:	NONE/IN-TANK SYSTEM		
Overfill Prot:	High Level Alarm	Dispenser:	Suction
Date Tested:	09/01/1996	Next Test Date:	09/01/2001
Date Closed:	Not reported	Test Method:	HORNER
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	8000	Renewal Date:	Not reported
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	11/18/1997
Old PBS Number:	Not reported	Expiration Date:	10/15/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	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:	2-402842	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	RAFAEL DICEN (718) 624-3268		
Emergency Contact:	RAFAEL DICEN (718) 624-3268		
Total Tanks:	2		
Owner:	ASTI HOLDING CORPORATION 121-03 DUPONT STREET PLAINVIEW, NY 11803 (516) 349-8600		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		

DICENT SERVICE STATION INC. (Continued) **U003065840**

Mailing Address:	ASTI HOLDING CORPORATION ATTN: JOSEPH MACCHIA, JR. 121-03 DUPONT STREET PLAINFIELD, NY 11803 (516) 349-8600		
Tank Status:	In Service		
Capacity (gals):	4000		
Tank Location:	UNDERGROUND		
Tank Id:	002	Install Date:	12/01/1972
Tank Type:	Steel/carbon steel	Product Stored:	UNLEADED GASOLINE
Tank Internal:	FIBERGLASS LINER [FRP]	Pipe Internal:	NONE
Pipe Location:	Underground	Pipe Type:	OTHER
Tank External:	NONE/NONE		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE/NONE		
Second Containment:	NONE/NONE		
Leak Detection:	NONE/IN-TANK SYSTEM		
Overfill Prot:	High Level Alarm	Dispenser:	Suction
Date Tested:	09/01/1996	Next Test Date:	09/01/2001
Date Closed:	Not reported	Test Method:	HORNER
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	8000	Renewal Date:	Not reported
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	11/18/1997
Old PBS Number:	Not reported	Expiration Date:	10/15/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	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:	2-402842	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	RAFAEL DICEN (718) 624-3268		
Emergency Contact:	RAFAEL DICEN (718) 624-3268		
Total Tanks:	2		
Owner:	ASTI HOLDING CORPORATION 121-03 DUPONT STREET PLAINVIEW, NY 11803 (516) 349-8600		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	ASTI HOLDING CORPORATION ATTN: JOSEPH MACCHIA, JR. 121-03 DUPONT STREET PLAINFIELD, NY 11803 (516) 349-8600		
Tank Status:	Tank Converted to Non-Regulated Use		

DICENT SERVICE STATION INC. (Continued) **U003065840**

Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	003	Install Date:	03/01/1974
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:	3	Dispenser:	Gravity
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	08/01/1996	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:	8000	Renewal Date:	Not reported
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	11/18/1997
Old PBS Number:	Not reported	Expiration Date:	10/15/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	RETAIL GASOLINE SALES		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		

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65 East 1/8-1/4 1269 ft. Higher

ELECTRIC SWITCHBOARD CO INC **RCRIS-SQG 1000181231**
185 THIRD AVE **FINDS NYD001548254**
BROOKLYN, NY 11217

RCRIS:

Owner:	F RAYMOND WALSH (212) 555-1212
EPA ID:	NYD001548254
Contact:	VINCENT J SOLLITTO (718) 643-1105
Classification:	Small Quantity Generator
Used Oil Recyc:	No
TSDF Activities:	Not reported

Violation Status: No violations found

NY MANIFEST
Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

ELECTRIC SWITCHBOARD CO INC (Continued) 1000181231

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

66 NE 1/4-1/2 1356 ft. Higher **WYCKOFF GARDENS** LTANKS 1001751096
185 NEVINS ST N/A
BROOKLYN, NY

LTANKS:

Spill Number:	9811464	Region of Spill:	2
Facility Contact:	FRANK OCELLO	Facility Tele:	(212) 306-3229
Investigator:	SACCACIO	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
Spiller Contact:	FRANK OCELLO	Spiller Phone:	(212) 306-3229
Spiller:	NYC HOUSING AUTHORITY		
Spiller Address:	250 BROADWAY NEW YORK, NY 10007		
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	05/14/1999		
Spill Cause:	Tank Test Failure	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Spill Notifier:	Tank Tester	PBS Number:	2-474460
Spill Date:	12/11/1998 13:00	Reported to Dept:	12/11/1998 12:59
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported		

Cleanup Meets Standard:	False
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Date:	Not reported
Enforcement Date:	Not reported
Investigation Complete:	Not reported
UST Involvement:	False
Spill Record Last Update:	05/14/1999
Is Updated:	False
Corrective Action Plan Submitted:	Not reported
Date Spill Entered In Computer Data File:	12/11/1998
Date Region Sent Summary to Central Office:	Not reported

Tank Test:

PBS Number:	Not reported
Tank Number:	2
Test Method:	Horner EZ Check
Capacity of Failed Tank:	25000
Leak Rate Failed Tank:	0.00
Gross Leak Rate:	Talk 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:	#2 FUEL OIL

WYCKOFF GARDENS (Continued) **1001751096**

Class Type: Petroleum
Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry In File: 24464
DEC Remarks: 5/14/99 -Saccacio- Subsequent tank test failure. Previous tank test fail ure 9010808) on 1/9/91 will remain open. Spill closed 5/14/99.
Spill Cause: FAILURE OF HORNER EZ 3 TANK TEST

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67 SE 1/4-1/2 1362 ft. Higher **540 PRESIDENT STREET** **LTANKS** **S102672075**
540 PRESIDENT STREET **N/A**
BROOKLYN, NY

LTANKS:

Spill Number:	9211878	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	TANG	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
Spiller Contact:	Not reported	Spiller Phone:	(718) 871-6269
Spiller:	HOLMES FUEL CO.		
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:	01/18/1993		
Spill Cause:	Tank Overfill	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Commercial Vehicle
Spill Notifier:	Fire Department	PBS Number:	Not reported
Spill Date:	01/18/1993 14:00	Reported to Dept:	01/18/1993 14:50
Cleanup Ceased:	01/18/1993		
Last Inspection:	Not reported		

Cleanup Meets Standard: True
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: Not reported
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 01/28/1993
Date Region Sent Summary to Central Office: 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: 100
Units: Gallons
Unknown Qty Spilled: 100
Quantity Recovered: 0
Unknown Qty Recovered: False

540 PRESIDENT STREET (Continued) **S102672075**

Material: #2 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry In File: 24464
DEC Remarks: Not reported
Spill Cause: HOLMES OVERFILLED TANK NYC DOS ON SCENE NOTIFIED CON ED SAND PLACE IN SP ILL HOLMES TO COME AND PICK UP CALLED FD HAZ MAT FIREMAN HANK REPORTED T HAT SPILLED FROM VENT PIPE CONTAINED ON SIDEWALK CLEANUP

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68 SW 1/4-1/2 1599 ft. Higher

PATTERSON CHEMICAL CO INC
102 3RD ST
BROOKLYN, NY 11231

RCRIS-SQG **1000403436**
FINDS **NYD980592471**
CORRACTS

CORRACTS Data:

EPA Id: NYD980592471
Region: 2
State: NY
Area Name: SITEWIDE
Original Scheduled Date: Not reported
New Scheduled Date: Not reported
Actual Date: 09/20/1994
Corrective Action: CA050 - RFA Completed

EPA Id: NYD980592471
Region: 2
State: NY
Area Name: SITEWIDE
Original Scheduled Date: 7/1/1994
New Scheduled Date: Not reported
Actual Date: 05/27/1994
Corrective Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority

RCRIS Corrective Action Summary:
Event: RFA Completed
Event Date: 09/20/1994

Event: CA Prioritization, Facility or area was assigned a low corrective action priority.
Event Date: 05/27/1994

RCRIS:
Owner: ACE TERMINALS
(212) 855-7676
EPA ID: NYD980592471

Contact: MOE STONE
(718) 855-7676

Rank Status: 3
Rank Date: 09/30/1995
Classification: Handler transports wastes, but commercial status is unknown, Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

PATTERSON CHEMICAL CO INC (Continued) **1000403436**

Violation Status: No violations found

NY MANIFEST
Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

M69 **175 3RD STREET** **LTANKS** **S102148318**
SSW **175 3RD STREET** **N/A**
1/4-1/2 **BROOKLYN, NY**
1607 ft.
Higher **Site 1 of 2 in cluster M**

LTANKS:

Spill Number:	9208180	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	SULLIVAN	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
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	Not reported		
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:	10/15/1992		
Spill Cause:	Tank Overfill	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Spill Notifier:	Other	PBS Number:	Not reported
Spill Date:	10/14/1992 17:00	Reported to Dept:	10/15/1992 11:03
Cleanup Ceased:	10/15/1992		
Last Inspection:	Not reported		

Cleanup Meets Standard: True
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: Not reported
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 10/15/1992
Date Region Sent Summary to Central Office: 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

175 3RD STREET (Continued) **S102148318**

Quantity Recovered: 0
Unknown Qty Recovered: False
Material: WASTE OIL
Class Type: Petroleum
Chem Abstract Service Number: WASTE OIL
Last Date: 09/27/1994
Num Times Material Entry In File: 9509
DEC Remarks: Not reported
Spill Cause: INITIAL INVESTIGATION SEEMS TO SHOW SURFACE TYPE SPILLAGE-SAMPLES IS BEI NG TESTED.

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70 SSE 1/4-1/2 1612 ft. Higher **THIRD AVE YARD** **LTANKS S102234639**
222 1ST ST **NY Spills N/A**
BROOKLYN, NY

SPILLS:
Spill Number: 9706833
Facility Contact: JOHN DEVOTI
Investigator: O'CONNELL
Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
Spiller Contact: Not reported
Spiller: CON ED
Spiller Address: 4 IRVING PLACE
MANHATTAN, NY 10003
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 09/10/1997
Spill Cause: Equipment Failure
Water Affected: Not reported
Spill Notifier: Responsible Party
Spill Date: 09/08/1997 19:00
Cleanup Ceased: Not reported
Last Inspection: Not reported
Region of Spill: 2
Facility Tele: (212) 580-6763
SWIS: 61
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Spiller Phone: (212) 580-6763
Resource Affected: On Land
Spill Source: Commercial Vehicle
PBS Number: Not reported
Reported to Dept: 09/08/1997 20:44
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 07/03/2000
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 09/08/1997
Date Region Sent Summary to Central Office: 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: 100

THIRD AVE YARD (Continued) **S102234639**

Units: Gallons
Unknown Qty Spilled: 100
Quantity Recovered: 100
Unknown Qty Recovered: False
Material: WASTE OIL
Class Type: Petroleum
Chem Abstract Service Number: WASTE OIL
Last Date: 09/27/1994
Num Times Material Entry In File: 9509
Remark: FLUSH TRUCK FOR SEWERS WHILE IN OPERATION ACCIDENTLY SPILLED PRODUCT - ALL CONTAINED - POSS SEWER CONTAINATION - NOT VERIFIED
DEC Remarks: 9/9/97, 1643 hrs. called EH S, spoke with Paul Carbone. According to no tes taken by Glenn Newell, approximately 2 gallons got into an on-site c atch basin. DEP Anthony Henry) resp onded to the site. Con Ed vac ed out the catch basin and a servicebox, but no oil got to the sewer. The remaining 98 gallons spilled on the parking area and was vac ed up by Co n Ed.

This is the most recent NY SPILLS record for this site.
The NY SPILLS database contains 3 additional records for this site.
Please contact your EDR Account Executive for more information.

LTANKS:
Spill Number: 9605014
Facility Contact: PRIMEGGIA
Investigator: O'CONNELL
Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
Spiller Contact: PRIMEGGIA
Spiller: CON ED
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: Not reported
Spill Cause: Tank Overfill
Water Affected: Not reported
Spill Notifier: Responsible Party
Spill Date: 07/17/1996 11:00
Cleanup Ceased: Not reported
Last Inspection: Not reported
Region of Spill: 2
Facility Tele: (212) 580-6763
SWIS: 61
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Spiller Phone: (212) 580-6763
Resource Affected: On Land
Spill Source: Other Commercial/Industrial
PBS Number: Not reported
Reported to Dept: 07/17/1996 16:00
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 09/30/1997
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 07/17/1996
Date Region Sent Summary to Central Office: Not reported
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported

THIRD AVE YARD (Continued) S102234639

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: True
Material: GASOLINE
Class Type: Petroleum
Chem Abstract Service Number: GASOLINE
Last Date: 09/29/1994
Num Times Material Entry In File: 21329
DEC Remarks: Transferred from Engelhardt to Kat on 7/22/96 at which time an investig ation at the site was in progress. 9/30/97: TRANSFERRED FROM KATZ TO O CONNELL.
Spill Cause: contaminated soil found around the underground gas tanks

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M71 **RED HOOK CRUSHERS, INC.** SWF/LF S105265270
SSW **186 3RD STREET** N/A
1/4-1/2 **BROOKLYN, NY**
1646 ft.
Higher **Site 2 of 2 in cluster M**

LF:
Facility ID: 24W90
DEC Region: 2
Permit issue date: / /
Authrzd/Operate Dt: / /
Auth. to Construct: / /
Regulatory Status: Registered
Started Rec Waste: / /
Fax: Not reported
Aquifer: none
Waste type: UNCONTAMINATED CONCRETE AND OTHER MASONRY WASTES
Owner Name: RED HOOK CRUSHERS
Mail Address: 186 3RD STREET
BROOKLYN, NY 11210
Owner Telephone: 7188559442
Annual Report Submitted to ALB:
Single Liner: False
Single Composite Liner: False
Double Liner: False
Double Composite Liner: False
Date Ordered On Consent Signed: / /
Accomplish Date Of Order: / /
Ny Transverse Mercator Coordinates East: 0
Ny Transverse Mercator Coordinates North: 0
Facility Code: W
Code: F
Tons: 0
Facility: F
Annual Report for 2001: False
Quarterly Report 1: False
Quarterly Report 2: False
Quarterly Report 3: False
Quarterly Report 4: False
IHWS number: 0

Telephone: 7188559442
Permit #: Not reported
Permit Expires: / /
Constrct Perm #: 0
Const Permit Exp: / /
Receiving Waste: True
Stop Rec Waste: / /
Owner Type: Private
Operator Name: Not reported

RED HOOK CRUSHERS, INC. (Continued) **S105265270**

IHWS classification:	Not reported
Inactive HWS:	False
1989:	False
1990:	False
1991:	False
1992:	False
1993:	False
1994:	False
1995:	False
1996:	False
1997:	False
1998:	False
1999:	False
2000:	False
Accounted For At Another Facility	False
Quarter 1:	False
Quarter 2:	False
Quarter 3:	False
Quarter 4:	False
Remarks:	Not reported
Comments:	Not reported

N72 **WYCKOFF GARDENS** **LTANKS** **S100146694**
NE **272 WYCKOFF STREET** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
1656 ft.
Higher **Site 1 of 2 in cluster N**

LTANKS:

Spill Number:	9010808	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	SACCACIO	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
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	NYC HOUSING AUTHORITY		
Spiller Address:	250 BROADWAY NEW YORK, NY 10007		
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	Not reported		
Spill Cause:	Tank Test Failure	Resource Affected:	Groundwater
Water Affected:	Not reported	Spill Source:	Other Non Commercial/Industrial
Spill Notifier:	Tank Tester	PBS Number:	2-474460
Spill Date:	01/09/1991 10:00	Reported to Dept:	01/09/1991 15:50
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported		
Cleanup Meets Standard:	False		
Recommended Penalty:	Penalty Not Recommended		
Spiller Cleanup Date:	Not reported		
Enforcement Date:	Not reported		
Investigation Complete:	Not reported		
UST Involvement:	False		
Spill Record Last Update:	05/14/1999		
Is Updated:	False		
Corrective Action Plan Submitted:	Not reported		
Date Spill Entered In Computer Data File:	01/16/1991		

WYCKOFF GARDENS (Continued) **S100146694**

Date Region Sent Summary to Central Office: Not reported
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
PBS Number: Not reported
Tank Number: 002
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: Pounds
Unknown Qty Spilled: -1
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #2 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry In File: 24464
DEC Remarks: 5/14/99 -Saccacio- Subsequent tank test failure 9811464) on 12/11/98 cl osed and referred to this spill.
Spill Cause: 2) 25K TANKS FAILED HORNER EZY CHECK WITH A VISUAL LEAK AT TOP OF TAN K,TO REPAIR RETEST.

N73 **WYCKOFF GARDENS** LTANKS S100781767
NE **272 WYCKOFF STREET** N/A
1/4-1/2 **BROOKLYN, NY**
1656 ft.
Higher **Site 2 of 2 in cluster N**

LTANKS:
Spill Number: 9307448
Facility Contact: Not reported
Investigator: SACCACIO
Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
Spiller Contact: Not reported
Spiller: NYCHA
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: Not reported
Spill Cause: Tank Test Failure
Water Affected: Not reported
Spill Notifier: Tank Tester
Spill Date: 09/20/1993 11:00
Cleanup Ceased: Not reported
Last Inspection: Not reported
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Region of Spill: 2
Facility Tele: Not reported
SWIS: 61
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Spiller Phone: (718) 852-3832
Resource Affected: On Land
Spill Source: Other Non Commercial/Industrial
PBS Number: 2-474460
Reported to Dept: 09/20/1993 11:15

WYCKOFF GARDENS (Continued) **S100781767**

Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 09/27/1994
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 09/21/1993
Date Region Sent Summary to Central Office: Not reported
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: 0
Units: Not reported
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #2 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry In File: 24464
DEC Remarks: 10/10/95: This is additional information about material spilled from th e translation of the old spill file: TTF.
Spill Cause: VISUAL LEAKS AT TOP OF TANK. EMPTY TANK - PRESSURE TEST, GAS LEAK ULTR A SOUND TESTED.

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74 **DEL'S AUTO REPAIR** **LTANKS** **S103037408**
WSW **70 2ND ST/NEW UTRECT AVE** **N/A**
1/4-1/2 **BROOKLYN, NY**
1659 ft.
Higher

LTANKS:

Spill Number:	9713407	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
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
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	DEL'S AUTO REPAIR		
Spiller Address:	70 2ND ST/NEW UTRECT AVE BROOKLYN		
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	Not reported		
Spill Cause:	Tank Test Failure	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Spill Notifier:	Tank Tester	PBS Number:	Not reported
Spill Date:	03/03/1998 16:00	Reported to Dept:	03/03/1998 19:41
Cleanup Ceased:	Not reported		

DEL'S AUTO REPAIR (Continued) **S103037408**

Last Inspection: Not reported
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: True
Spill Record Last Update: 04/10/1998
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 03/03/1998
Date Region Sent Summary to Central Office: Not reported
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Horner EZ Check
Capacity of Failed Tank: 550
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
Chem Abstract Service Number: GASOLINE
Last Date: 09/29/1994
Num Times Material Entry In File: 21329
DEC Remarks: Not reported
Spill Cause: called in by calco to test tank - failed. no obvious spillage.

O75 **4TH & SACKETT STREET** **LTANKS** **S105053980**
ESE **4TH / SACKETT STREET** **N/A**
1/4-1/2 **BROOKLYN, NY**
1676 ft.
Higher **Site 1 of 2 in cluster O**

LTANKS:

Spill Number:	9113310	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	SULLIVAN	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
Spiller Contact:	Not reported	Spiller Phone:	(718) 625-7904
Spiller:	MERIT GAS STA.		
Spiller Address:	4TH & SACKETT ST. BROOKLYN, NY		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	08/03/1994		
Spill Cause:	Tank Test Failure	Resource Affected:	Groundwater
Water Affected:	Not reported	Spill Source:	Gas Station
Spill Notifier:	Tank Tester	PBS Number:	Not reported
Spill Date:	03/31/1992 14:30	Reported to Dept:	03/31/1992 15:21

4TH & SACKETT STREET (Continued) **S105053980**

Cleanup Ceased: 08/03/1994
Last Inspection: Not reported
Cleanup Meets Standard: True
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 08/03/1994
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 04/07/1992
Date Region Sent Summary to Central Office: Not reported
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: Not reported
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: WASTE OIL
Class Type: Petroleum
Chem Abstract Service Number: WASTE OIL
Last Date: 09/27/1994
Num Times Material Entry In File: 9509
DEC Remarks: 08/03/94: RETESTED AND PASSED 4/10/92. PASSING RESULTS GAVE TO PBS UNIT .
Spill Cause: WILL E.I.R., ALSO REG. UNLEADED PRODUCT LINE FAILED AT SAME LOCATION, LE AK RATE = .112 GPH.

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76 South 1/4-1/2 1703 ft. Higher **ALL BORO'S** **LTANKS** **S102618894**
200 3RD ST **N/A**
BROOKLYN, NY

LTANKS:

Spill Number:	9702117	Region of Spill:	2
Facility Contact:	MIKE DENICOLA	Facility Tele:	(718) 858-7600
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
Spiller Contact:	MIKE DENICOLA	Spiller Phone:	(718) 858-7600
Spiller:	ALL BORO'S		
Spiller Address:	200 3RD ST BROOKLYN, NY		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	Not reported		
Spill Cause:	Tank Test Failure	Resource Affected:	On Land

ALL BORO'S (Continued) **S102618894**

Water Affected: Not reported
Spill Notifier: Tank Tester
Spill Date: 05/19/1997 13:00
Cleanup Ceased: Not reported
Last Inspection: Not reported
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 05/21/1997
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 05/19/1997
Date Region Sent Summary to Central Office: Not reported
Tank Test:
PBS Number: Not reported
Tank Number: 001
Test Method: Unknown
Capacity of Failed Tank: 550
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported
Material:
Material Class Type: Not reported
Quantity Spilled: Not reported
Units: Not reported
Unknown Qty Spilled: Not reported
Quantity Recovered: Not reported
Unknown Qty Recovered: Not reported
Material: Not reported
Class Type: Not reported
Chem Abstract Service Number: Not reported
Last Date: Not reported
Num Times Material Entry In File: Not reported
DEC Remarks: Not reported
Spill Cause: AIR PRESSURE TEST TO 10 LBS - TANK FAILED - NO LEAK

Spill Source: Other Commercial/Industrial
PBS Number: Not reported
Reported to Dept: 05/19/1997 13:17

P77 **572 WARREN STREET HOUSES** **LTANKS** **S102233327**
ENE **572 WARREN ST** **N/A**
1/4-1/2 **BROOKLYN, NY**
1738 ft.
Higher **Site 1 of 2 in cluster P**

LTANKS:
Spill Number: 9602519
Facility Contact: CALLER
Investigator: SACCACIO
Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
Spiller Contact: FRANK OCELLO
Spiller: NYC HOUSING AUTHORITY
Spiller Address: 250 BROADWAY
MANHATTAN, NY 10007
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: Not reported

Region of Spill: 2
Facility Tele: (718) 439-3135
SWIS: 61
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Spiller Phone: (212) 306-3229

572 WARREN STREET HOUSES (Continued) **S102233327**

Spill Cause: Tank Failure
Water Affected: Not reported
Spill Notifier: Other
Spill Date: 05/22/1996 10:00
Cleanup Ceased: Not reported
Last Inspection: Not reported
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 04/15/1998
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 05/22/1996
Date Region Sent Summary to Central Office: 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: 10
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #2 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry In File: 24464
DEC Remarks: Not reported
Spill Cause: removing a 10,000 gallon heating oil tank. under the tank there was some trapped water that had a petroleum sheen on it. less than 10 gallons are visible.

Resource Affected: On Land
Spill Source: Other Non Commercial/Industrial
PBS Number: 2-474479
Reported to Dept: 05/22/1996 11:46

P78 **WYCKOFF CONSOLIDATED** **LTANKS** **S100177034**
ENE **572 WARREN ST** **N/A**
1/4-1/2 **BKLYN, NY**
1738 ft.
Higher **Site 2 of 2 in cluster P**

LTANKS:
Spill Number: 9105220
Facility Contact: Not reported
Investigator: SACCACIO
Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
Spiller Contact: Not reported
Spiller: NYCHA
Spiller Address: Not reported

Region of Spill: 2
Facility Tele: Not reported
SWIS: 61
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Spiller Phone: (212) 306-3142

WYCKOFF CONSOLIDATED (Continued) **S100177034**

Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: Not reported
Spill Cause: Tank Test Failure
Water Affected: Not reported
Spill Notifier: Tank Tester
Spill Date: 08/14/1991 13:30
Cleanup Ceased: Not reported
Last Inspection: Not reported
Resource Affected: On Land
Spill Source: Other Non Commercial/Industrial
PBS Number: 2-474479
Reported to Dept: 08/14/1991 15:27
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 08/07/1995
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 10/09/1991
Date Region Sent Summary to Central Office: Not reported
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: Gallons
Unknown Qty Spilled: -1
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #2 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry In File: 24464
DEC Remarks: Not reported
Spill Cause: GROSS LEAK

O79 **MERRITT GAS STATION** **LTANKS** **S104276740**
ESE **204-222 4TH AV** **N/A**
1/4-1/2 **BROOKLYN, NY**
1762 ft.
Higher **Site 2 of 2 in cluster O**

LTANKS:
Spill Number: 9515732
Facility Contact: Not reported
Investigator: O'DOWD
Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
Spiller Contact: Not reported
Spiller: MERRITT GAS STATION
Spiller Address: 204-222 4TH AV
Region of Spill: 2
Facility Tele: Not reported
SWIS: 61
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Spiller Phone: Not reported

MERRITT GAS STATION (Continued) **S104276740**

BROOKLYN, NY
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 06/11/1997
Spill Cause: Tank Test Failure
Water Affected: Not reported
Spill Notifier: Other
Spill Date: 03/07/1996 16:20
Resource Affected: On Land
Spill Source: Gas Station
PBS Number: Not reported
Reported to Dept: 03/07/1996 16:44
Cleanup Ceased: Not reported
Last Inspection: Not reported
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: True
Spill Record Last Update: 06/11/1997
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 03/07/1996
Date Region Sent Summary to Central Office: 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: 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: 09/29/1994
Num Times Material Entry In File: 21329
DEC Remarks: SEE SPILL 9605719.
Spill Cause: line failed during testing - failure .12 gallons per hour

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80 ESE 1/4-1/2 1788 ft. Higher **RINALDI RECYCLING INC** **SWRCY S104562112**
182 4RH AVE **N/A**
BROOKLYN, NY

NY SWRCY
Permit #: Not reported
Owner Name: Dominick Rinaldi
Contact Tele: (718) 522-6648
Material Accepted: Not reported

Q81 **MCIZ CORP** **LTANKS** **S102619097**
SSW **1-25 2ND AV** **N/A**
1/4-1/2 **BROOKLYN, NY**
1880 ft.
Higher **Site 1 of 2 in cluster Q**

LTANKS:

Spill Number:	9603998	Region of Spill:	2
Facility Contact:	JACK MARMURSTEIN	Facility Tele:	(718) 875-8200
Investigator:	SIGONA	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
Spiller Contact:	JACK MARMURSTEIN	Spiller Phone:	(718) 875-8200
Spiller:	MCIZ CORP		
Spiller Address:	1-25 2ND AV BROOKLYN, NY		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	Not reported		
Spill Cause:	Tank Test Failure	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Spill Notifier:	Other	PBS Number:	Not reported
Spill Date:	06/24/1996 11:00	Reported to Dept:	06/24/1996 11:36
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported		

Cleanup Meets Standard:	False
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Date:	Not reported
Enforcement Date:	Not reported
Investigation Complete:	Not reported
UST Involvement:	False
Spill Record Last Update:	07/03/1996
Is Updated:	False
Corrective Action Plan Submitted:	Not reported
Date Spill Entered In Computer Data File:	06/24/1996
Date Region Sent Summary to Central Office:	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:	0
Units:	Gallons
Unknown Qty Spilled:	No
Quantity Recovered:	0
Unknown Qty Recovered:	False
Material:	DIESEL
Class Type:	Petroleum
Chem Abstract Service Number:	DIESEL
Last Date:	07/28/1994
Num Times Material Entry In File:	10625

DEC Remarks: Not reported
Spill Cause: CALLERS COMPANY HIRED FOR TANK TESTING AND DISCOVERED THE FAILURE - NO P

MCIZ CORP (Continued) **S102619097**

RODUCT HAS LEAKED ONTO THE GROUND

82
ENE
1/4-1/2
1921 ft.
Higher

105 3RD AVE **LTANKS** **S102672023**
105 3RD AVE **N/A**
BROOKLYN, NY

LTANKS:

Spill Number:	9210549	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	SIGONA	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
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	Not reported		
Spiller Address:	Not reported		
Spill Class:	Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	11/12/1998		
Spill Cause:	Tank Overfill	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Private Dwelling
Spill Notifier:	Responsible Party	PBS Number:	Not reported
Spill Date:	12/12/1992 15:00	Reported to Dept:	12/13/1992 06:04
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported		

Cleanup Meets Standard:	True
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Date:	Not reported
Enforcement Date:	Not reported
Investigation Complete:	Not reported
UST Involvement:	False
Spill Record Last Update:	11/12/1998
Is Updated:	False
Corrective Action Plan Submitted:	Not reported
Date Spill Entered In Computer Data File:	12/15/1992
Date Region Sent Summary to Central Office:	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:	Gallons
Unknown Qty Spilled:	-1
Quantity Recovered:	0
Unknown Qty Recovered:	False
Material:	#2 FUEL OIL
Class Type:	Petroleum
Chem Abstract Service Number:	#2 FUEL OIL
Last Date:	12/07/1994
Num Times Material Entry In File:	24464

105 3RD AVE (Continued) **S102672023**

DEC Remarks: Not reported
Spill Cause: BAERENKLAU OIL APPLIED SPEEDY-DRY

---

83 East 1/4-1/2 1943 ft. Higher **124 4TH AVENUE** **LTANKS** **S101658438**
124 4TH AVENUE **N/A**
BROOKLYN, NY

LTANKS:

Spill Number:	9505523	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	ROMMEL	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
Spiller Contact:	Not reported	Spiller Phone:	(718) 626-8083
Spiller:	CITGO 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:	Not reported		
Spill Cause:	Tank Test Failure	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Gas Station
Spill Notifier:	Tank Tester	PBS Number:	Not reported
Spill Date:	08/03/1995 12:00	Reported to Dept:	08/03/1995 18:36
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported		

Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: Not reported
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 09/25/1995
Date Region Sent Summary to Central Office: Not reported

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: Yes
- 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

124 4TH AVENUE (Continued) **S101658438**

DEC Remarks: Not reported
Spill Cause: PRODUCT LINE TEST - REMOTE DISCHARGE LINES LEAK RATE - 3

84
SW
1/4-1/2
1943 ft.
Higher

66 4TH ST
BROOKLYN, NY

LTANKS **S105135174**
N/A

LTANKS:

Spill Number:	0106619	Region of Spill:	2
Facility Contact:	NEW YORK PETROLIUM AND DR	Facility Tele:	(516) 338-0626
Investigator:	DEMEO	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
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	SAME		
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:	Not reported		
Spill Cause:	Tank Test Failure	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Other Non Commercial/Industrial
Spill Notifier:	Tank Tester	PBS Number:	Not reported
Spill Date:	09/25/2001 08:30	Reported to Dept:	09/25/2001 12:58
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported		

Cleanup Meets Standard:	False
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Date:	Not reported
Enforcement Date:	Not reported
Investigation Complete:	Not reported
UST Involvement:	False
Spill Record Last Update:	09/26/2001
Is Updated:	False
Corrective Action Plan Submitted:	Not reported
Date Spill Entered In Computer Data File:	09/25/2001
Date Region Sent Summary to Central Office:	Not reported

Tank Test:

PBS Number:	Not reported
Tank Number:	1
Test Method:	Horner EZ Check
Capacity of Failed Tank:	550
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:	False
Material:	#2 FUEL OIL
Class Type:	Petroleum
Chem Abstract Service Number:	#2 FUEL OIL
Last Date:	12/07/1994
Num Times Material Entry In File:	24464

(Continued) S105135174

DEC Remarks: Not reported
Spill Cause: Not reported

---

85 NE 1/4-1/2 1960 ft. Higher

ULANO CORP
280 BERGEN ST
BROOKLYN, NY 11217

RCRIS-SQG 1000317853
FINDS 11217LNCRP28
TRIS
UST
LTANKS

RCRIS:
Owner: ULANO CORP
(718) 622-5200
EPA ID: NYD091576538
Contact: JOHN LEE
(718) 237-3022
Classification: Handler transports wastes, but commercial status is unknown, Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: Not reported
Area of Violation: NYGCE
Date Violation Determined: 02/26/2001
Actual Date Achieved Compliance: 06/01/2001

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 04/11/2001
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 06/15/2000
Actual Date Achieved Compliance: 07/26/2000

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 02/28/1985
Penalty Type: Not reported

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/09/2000
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 12/04/1992
Actual Date Achieved Compliance: 01/14/1993

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 12/04/1992
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 07/06/1988
Actual Date Achieved Compliance: 01/27/1989

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 08/01/1988
Penalty Type: Not reported

Regulation Violated: Not reported

ULANO CORP (Continued) **1000317853**

Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 08/15/1984
Actual Date Achieved Compliance: 05/22/1985

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 02/28/1985
Penalty Type: Not reported

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/09/2000
Penalty Type: Not reported

There are 5 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	NYGCE	20010601
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	20000726
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19930114
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19890127
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19850522

NY MANIFEST
Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.
CT MANIFEST
Additional detail is available in CT MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
AIRS Facility System (AIRS/AFS)
Facility Registry System (FRS)
National Emissions Trends (NET)
Resource Conservation and Recovery Act Information system (RCRAINFO)
Toxic Chemical Release Inventory System (TRIS)

LTANKS:
Spill Number: 9713764
Facility Contact: ABOVE CALLER
Investigator: SIGONA
Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
Spiller Contact: ABOVE CALLER
Spiller: ULAMO CORP
Spiller Address: 280 BERGIN ST
BROOKLYN
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 05/18/1999
Spill Cause: Tank Test Failure
Water Affected: Not reported
Spill Notifier: Responsible Party
Spill Date: 03/12/1998 11:45
Cleanup Ceased: Not reported
Last Inspection: Not reported
Cleanup Meets Standard: True
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported

Region of Spill: 2
Facility Tele: Not reported
SWIS: 61
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Spiller Phone: Not reported

Resource Affected: On Land
Spill Source: Other Commercial/Industrial
PBS Number: 2-295345
Reported to Dept: 03/12/1998 11:57

ULANO CORP (Continued) **1000317853**

Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 05/18/1999
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 03/12/1998
Date Region Sent Summary to Central Office: Not reported
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Tankology [Vacutect]
Capacity of Failed Tank: 10000
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Talk 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: #2 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry In File: 24464
DEC Remarks: DEC Sigona) received investigtory report in May 1998 documenting the ca use of the tank test failure leaking petrometer). Letter sent to facili ty owner on May 18, 1999 to close spill.
Spill Cause: tank test failure - will isolate and retest

PBS UST:

PBS Number:	2-295345	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	ULANO CORPORATION (718) 622-5200		
Emergency Contact:	ANTHONY MELENDI (718) 253-6945		
Total Tanks:	1		
Owner:	ULANO CORPORATION 255 BUTLER ST BROOKLYN, NY 11217 (718) 622-5200		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	ULANO CORPORATION 255 BUTLER ST BROOKLYN, NY 11217 (718) 622-5200		
Tank Status:	In Service		
Capacity (gals):	10000		
Tank Location:	UNDERGROUND		
Tank Id:	01	Install Date:	Not reported
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		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 871320.3s

0 1/2 1 2 Miles

- County Boundary
- Major Roads
- Contour Lines
- Water Wells
- Public Water Supply Wells
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Cluster of Multiple Icons
- Earthquake epicenter, Richter 5 or greater
- Closest Hydrogeological Data

TARGET PROPERTY:	Gowanus Canal	CUSTOMER:	Galli Engineering PC
ADDRESS:	510 Sackett Street	CONTACT:	Bill Conroy
CITY/STATE/ZIP:	Brooklyn NY 11217	INQUIRY #:	871320.3s
LAT/LONG:	40.6802 / 73.9882	DATE:	December 13, 2002 7:55 am

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: New York Radon Basement Screening Results for 11217:

Number of sites tested: 24

Average (pCi/L)	Geometric Mean (pCi/L)	Geometric Std Dev.	Maximum (pCi/L)	% Homes >4 pCi/L	% Homes >20 pCi/L
1.2	1.0	1.8	2.1	0.0	0.0

Federal EPA Radon Zone for KINGS County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for KINGS COUNTY, NY

Number of sites tested: 51

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area	0.750 pCi/L	100%	0%	0%
Basement	1.370 pCi/L	88%	10%	2%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STATE RECORDS

New York Public Water Wells
Source: New York Department of Health
Telephone: 518-458-6731

New York Facility and Manifest Data
Source: NYSDEC
Telephone: 518-457-6585
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

RADON

New York Radon Basement Screening Results
Source: New York Department of Health
Telephone: 518-402-7556

Area Radon Information
Source: USGS
Telephone: 303-202-4210
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 202-564-9370
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Environmental Data Resources, Inc.

"Linking Technology with Tradition"

Sanborn® Map Report

Ship to: Bill Conroy
Galli Engineering PC
734 Walt Whitman Road
Melville, NY 11747

1012236MAS 516-271-9292

Order Date: 10/28/2002 **Completion Date:** 10/28/2002
Inquiry #: 871320.4S
P.O. #: Gowanus Canal
Site Name: Gowanus Canal
Address: 510 Sackett Street
City/State: Brooklyn, NY 11217
Cross Streets:

Based on client-supplied information, fire insurance maps for the following years were identified

1886 - 1- map	1980 - 1 - map	1993 - 1 - map
1904 - 1 - map	1981 - 1 - map	1995 - 1 - map
1915 - 1 - map	1982 - 1 - map	1996 - 1 - map
1939 - 1 - map	1986 - 1 - map	
1950 - 1 - map	1987 - 1 - map	
1969 - 1 - map	1988 - 1 - map	
1977 - 1 - map	1991 - 1 - map	
1979 - 1 - map	1992 - 1 - map	

Total Maps: 19

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Electronic Sanborn Map Images
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Organization of Electronic Sanborn Image File

- First Page — Sanborn Map Report, listing years of coverage
- Second Page — Electronic Sanborn Map Images USER'S GUIDE
- Third Page — Oldest Sanborn Map Image
- Last Page — Most recent Sanborn Map Image

Navigating the Electronic Sanborn Image File

- Open file on screen.
- Identify TP (Target Property) on the most recent map.
- Find TP on older printed images.
- Using Acrobat, zoom to 250% in order to view more clearly.
  - 200-250% is the approximate equivalent scale of hardcopy Sanborn Maps.
- Zooming in on an image:
  - On the menu bar, click "View" and then zoom.
  - Use the magnifying tool and drag a box around the TP area.

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- To print only the TP area, cut and paste the area from Adobe Acrobat to your word processor.

<u>Acrobat Version 4</u>

- Go to the Menu bar
- Press and hold the "T" button
- Choose the Graphics Select Tool
- Draw a box around the area selected
- Go to "Menu"
- Highlight "Edit"
- Highlight "Copy"
- Go to a word processor such as Microsoft Word, paste and print.

<u>Acrobat Version 5</u>

- Go to the Menu Bar.
- Click the "Graphics Select Tool"
- Draw a box around the area selected
- Go to "Menu"
- Highlight "Edit"
- Highlight "Copy"
- Go to a word processor such as Microsoft Word, paste and print.

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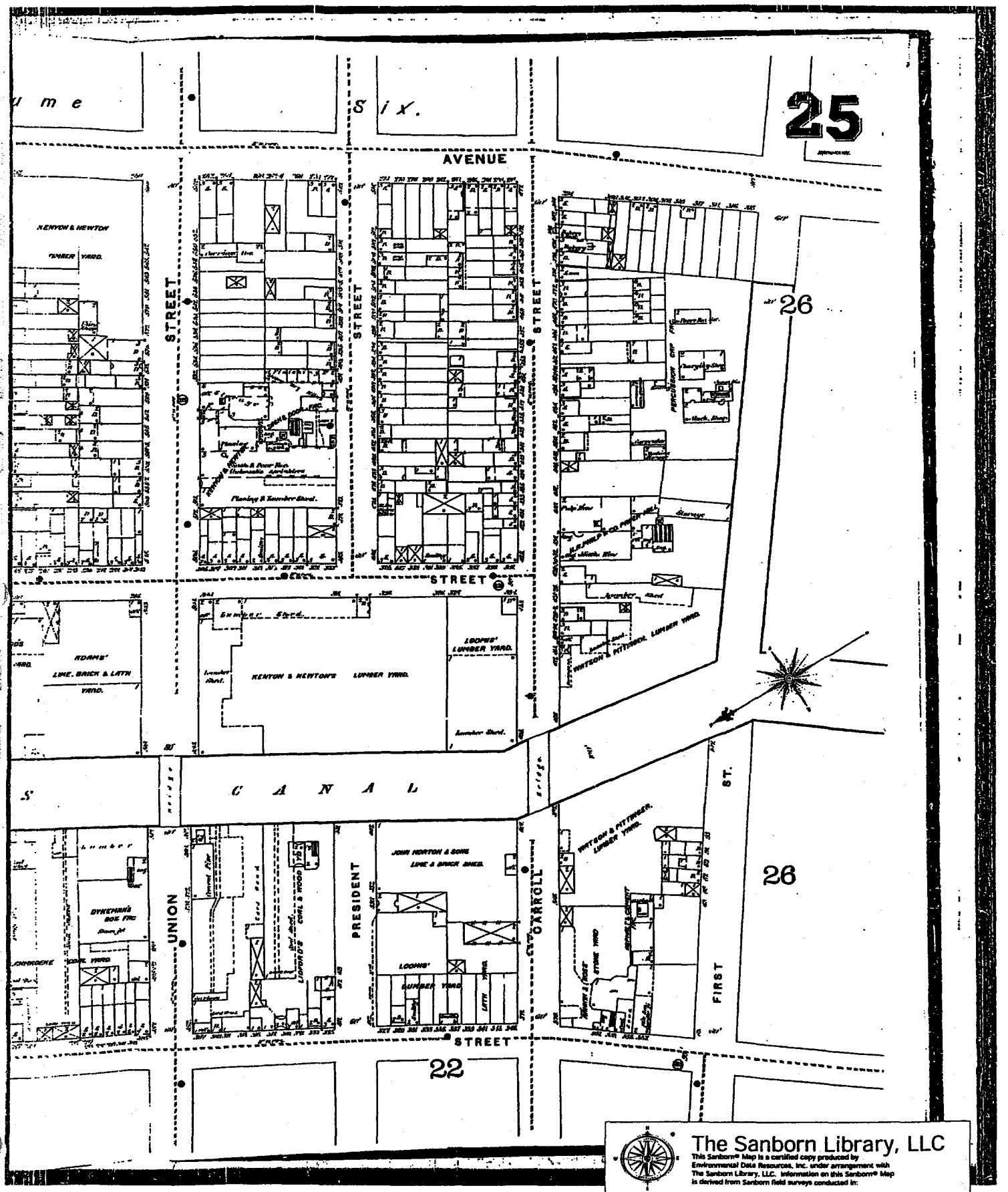
- In cases where in excess of 6-7 map years are available, the file size typically exceeds 2MB. In these cases, you will receive multiple files, labeled as 1 of 3, 2 of 3, etc. including all available map years.
- Due to file size limitations, certain ISPs, including AOL, may occasionally delay or decline to deliver files. Please contact your ISP to identify their specific file size limitations.



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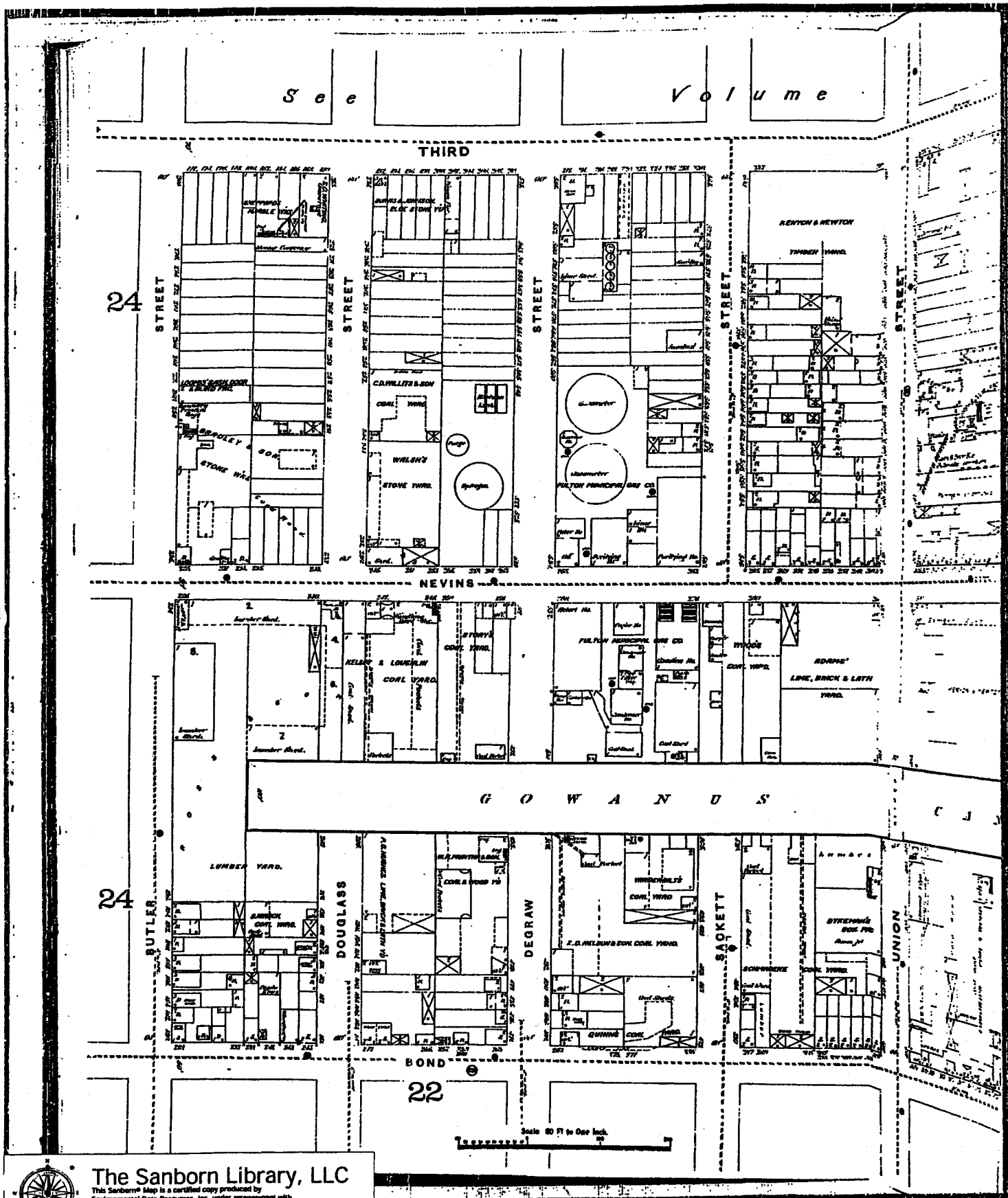

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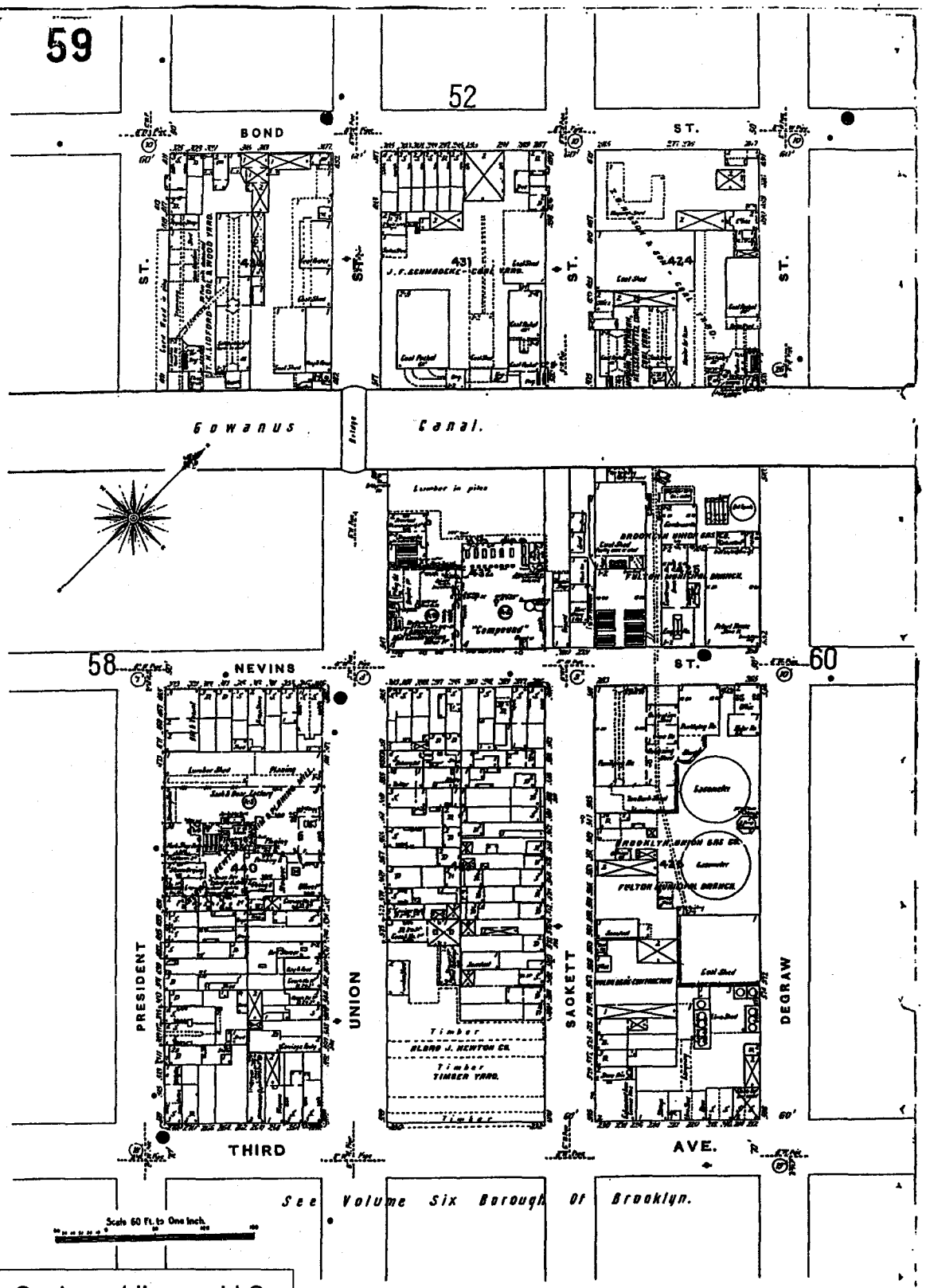

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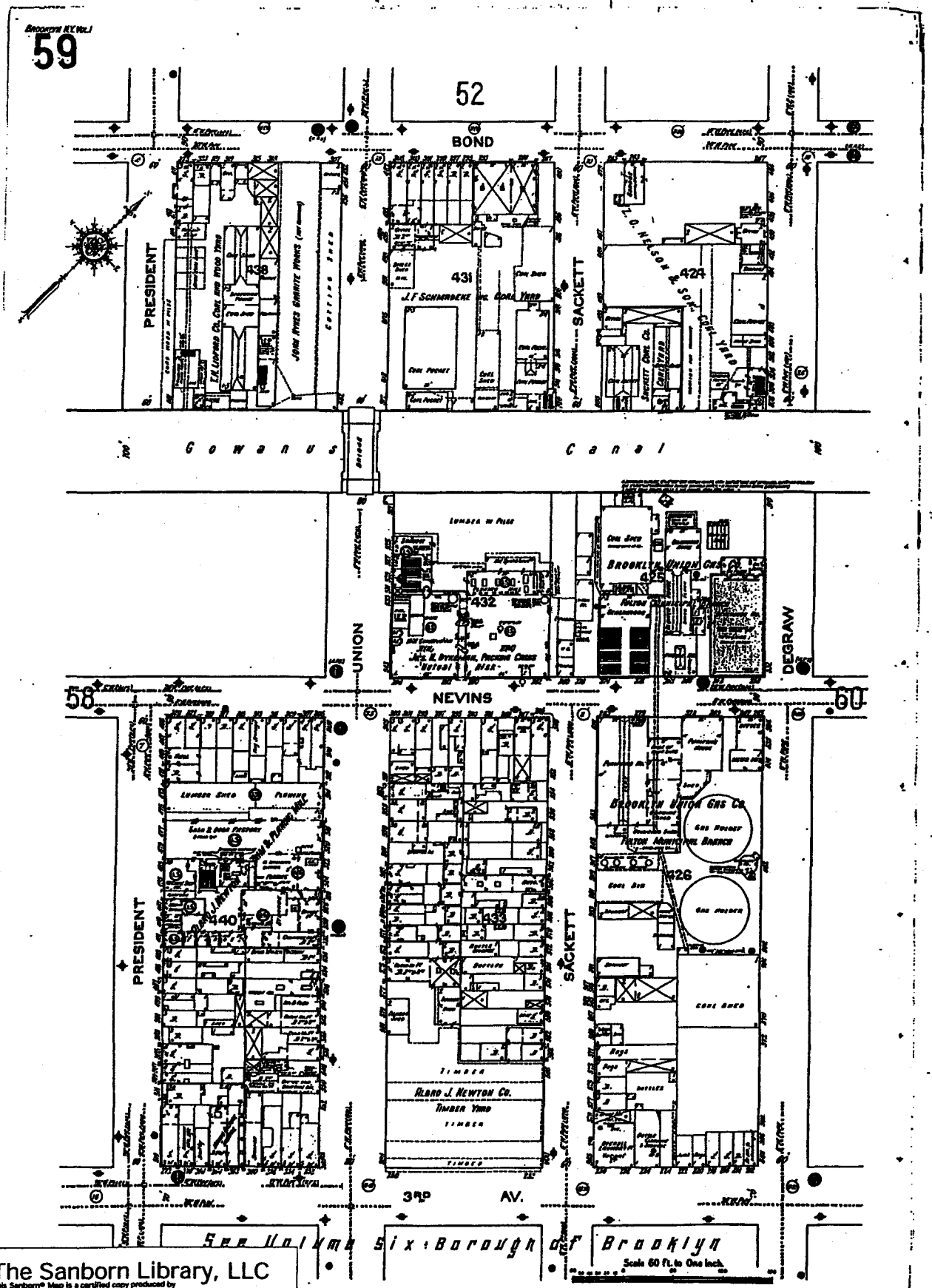

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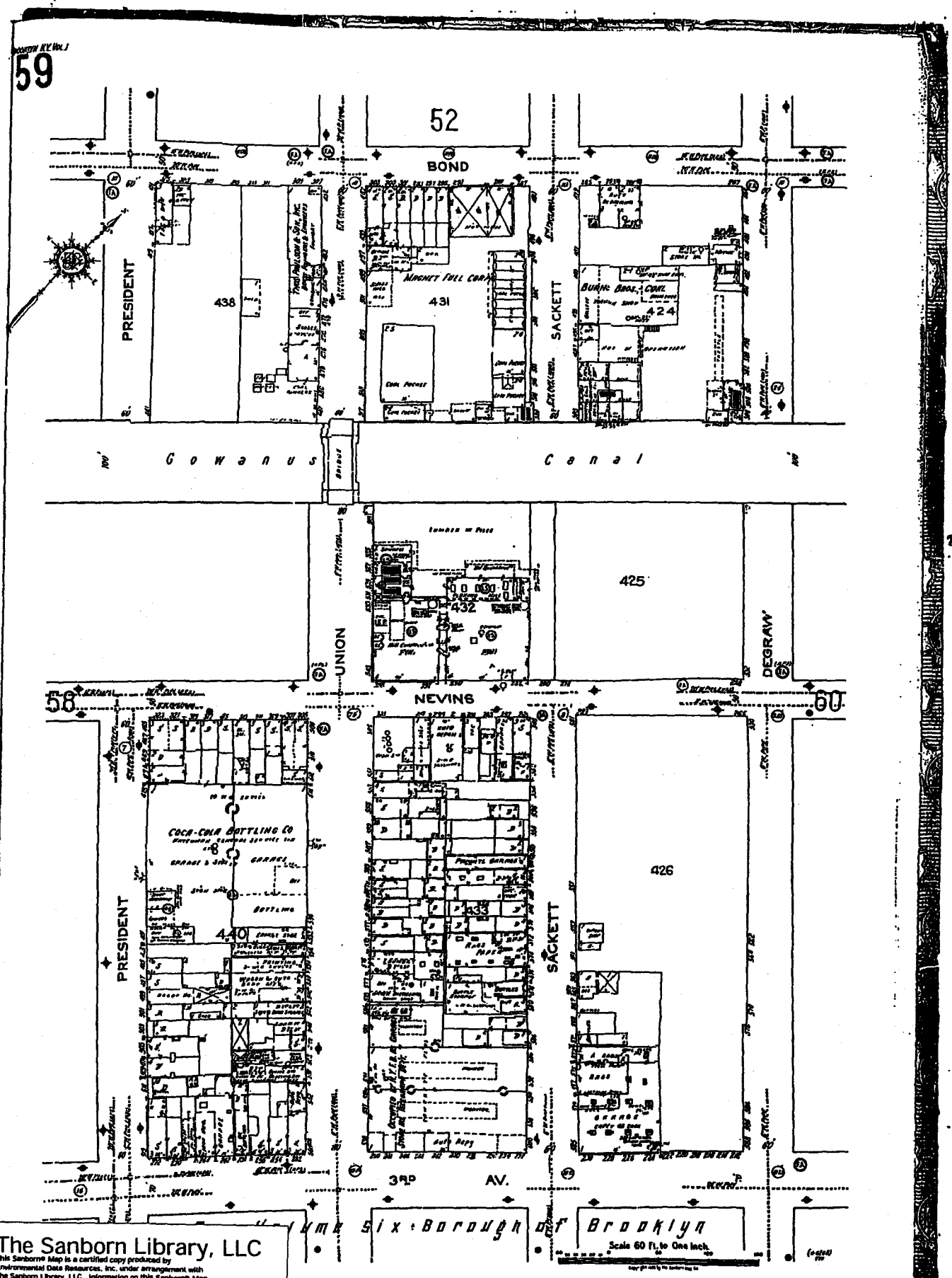

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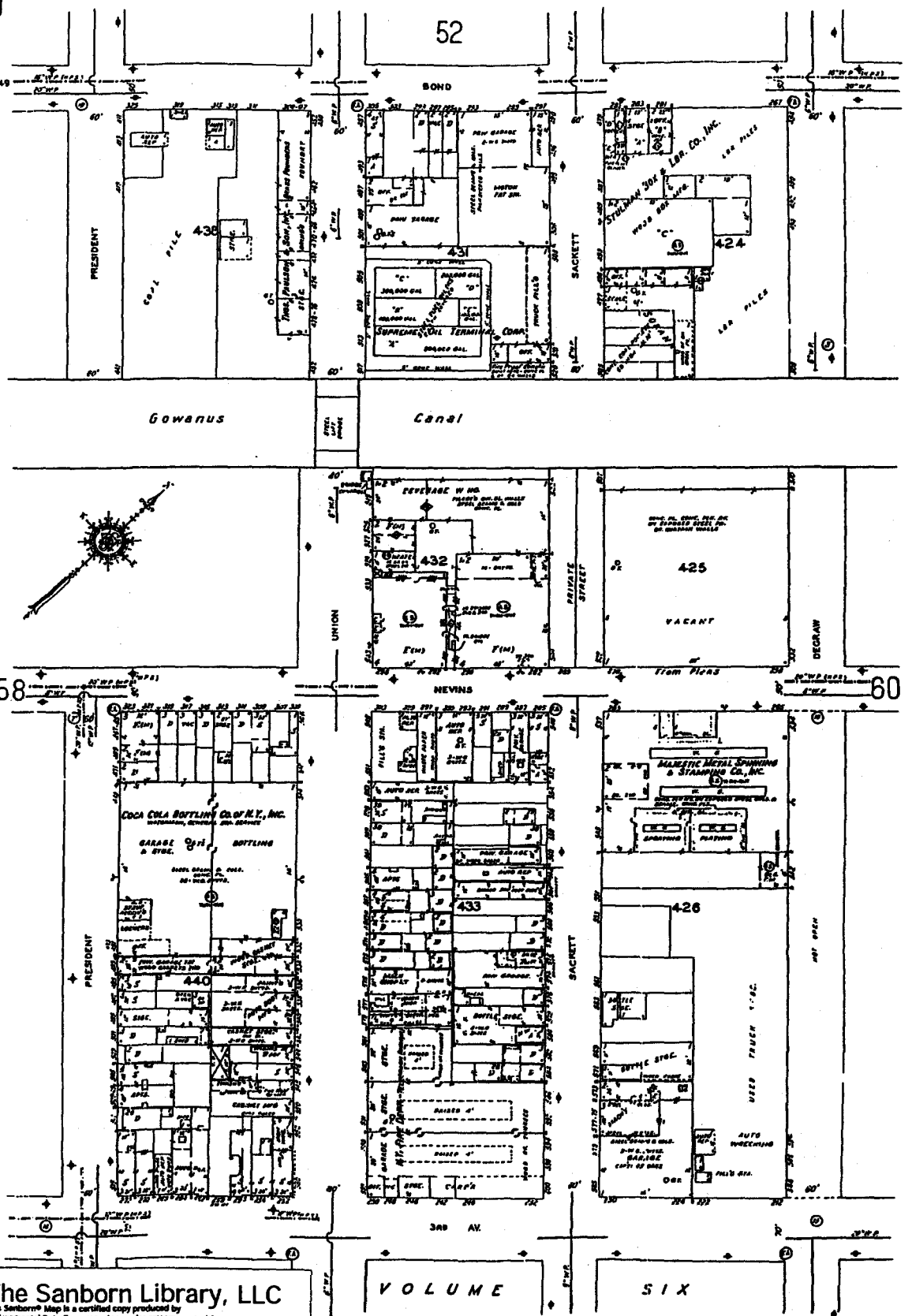

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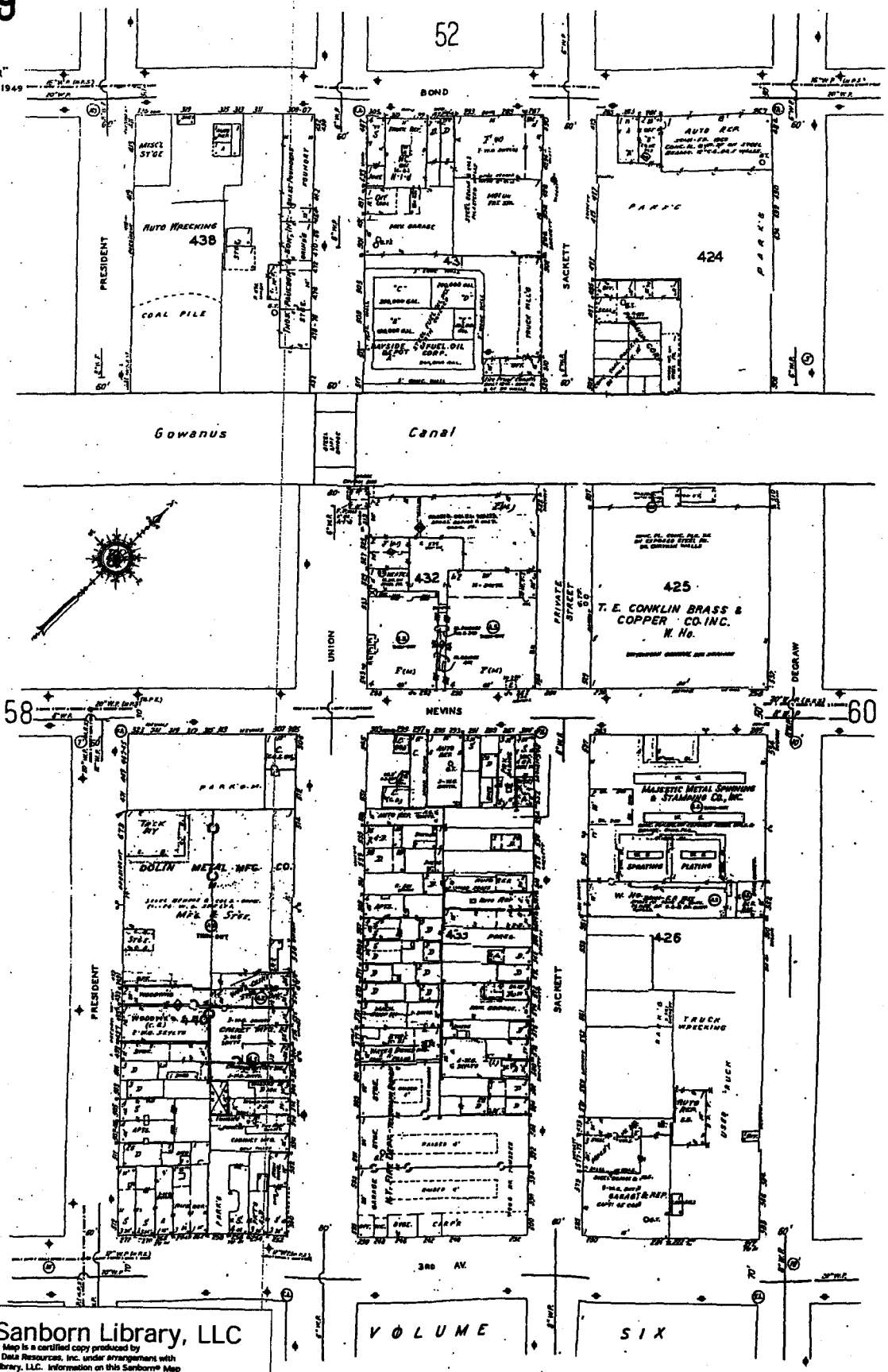

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BROOKLYN, N.Y. VOL. 1

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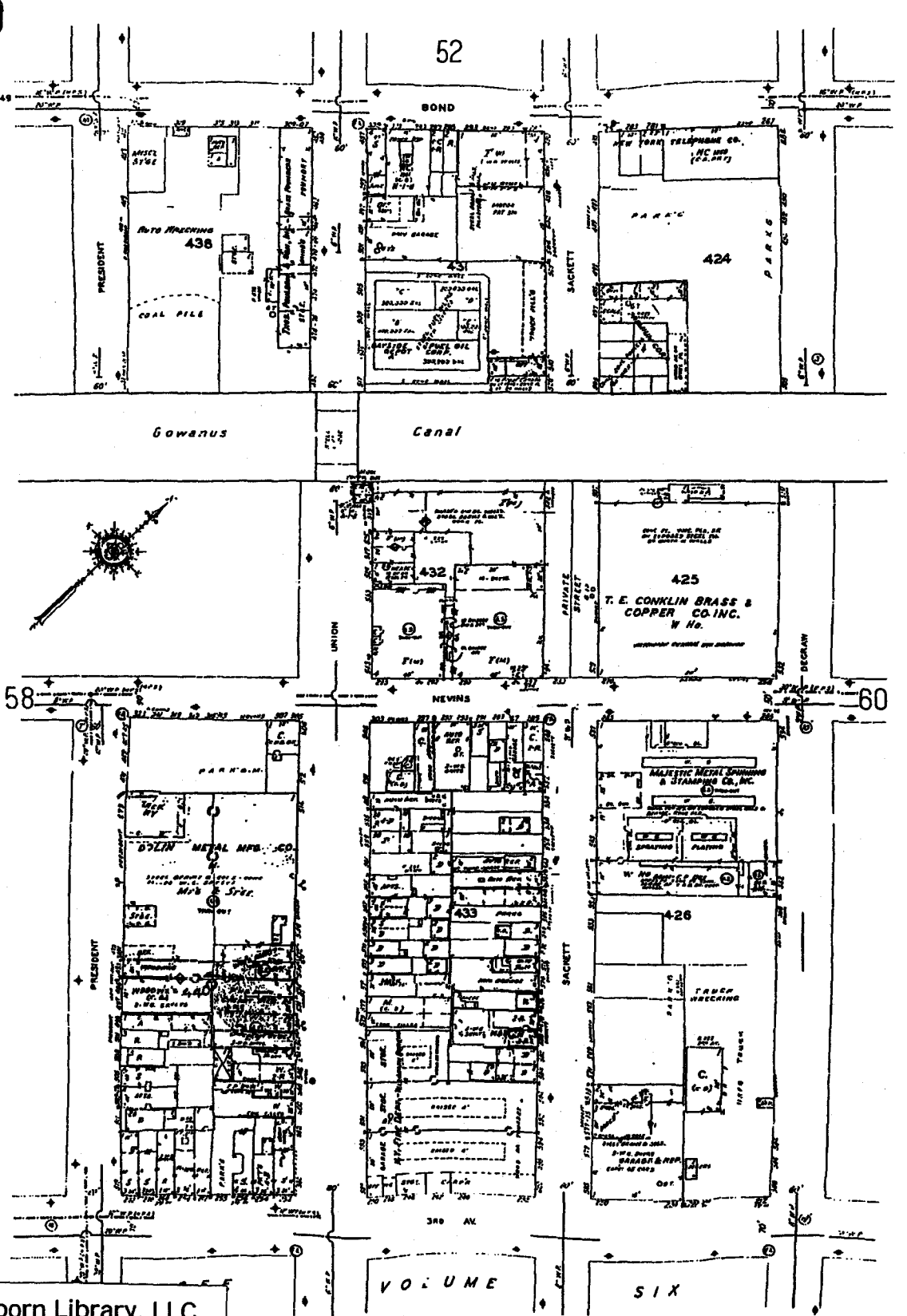

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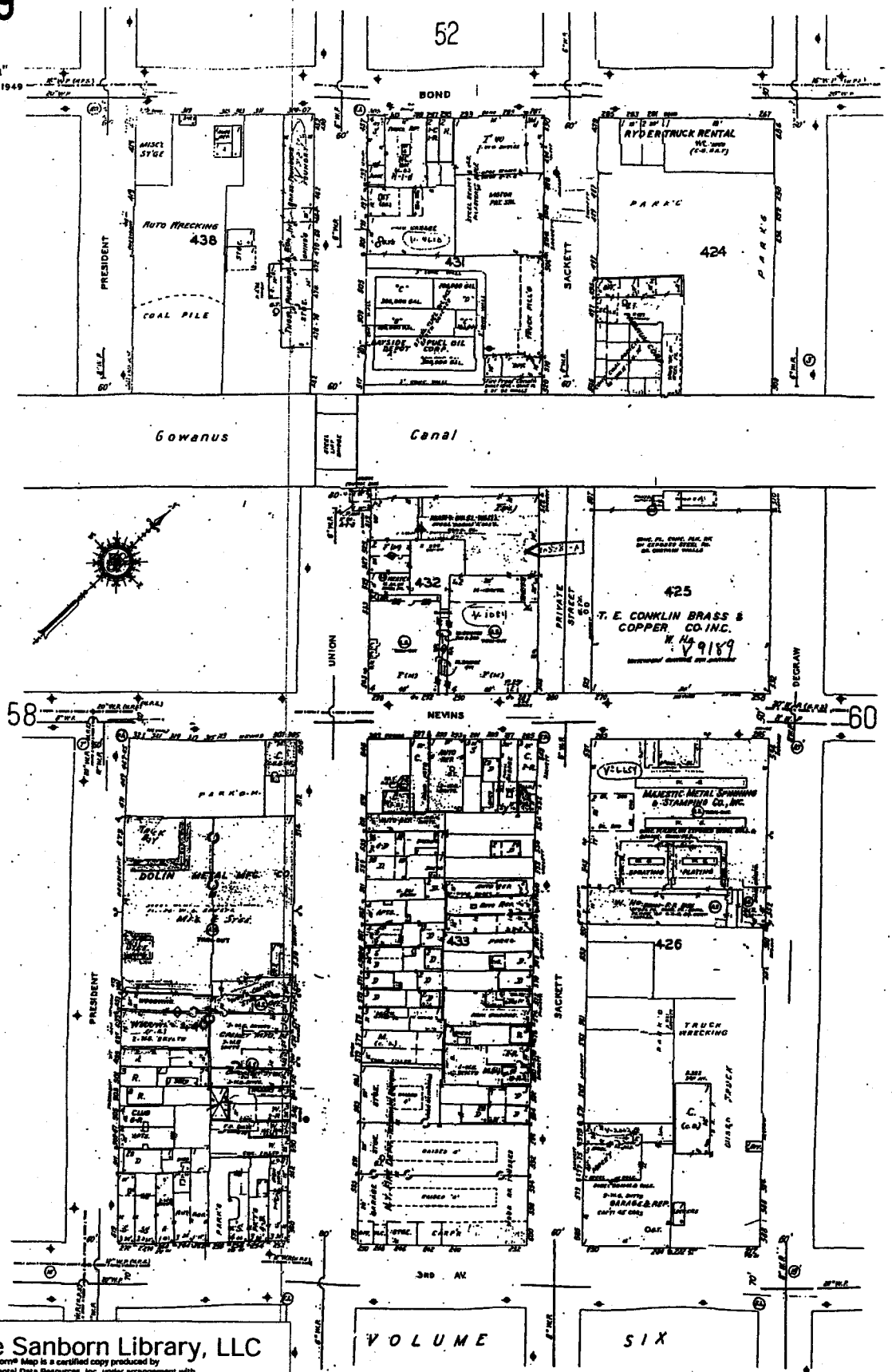

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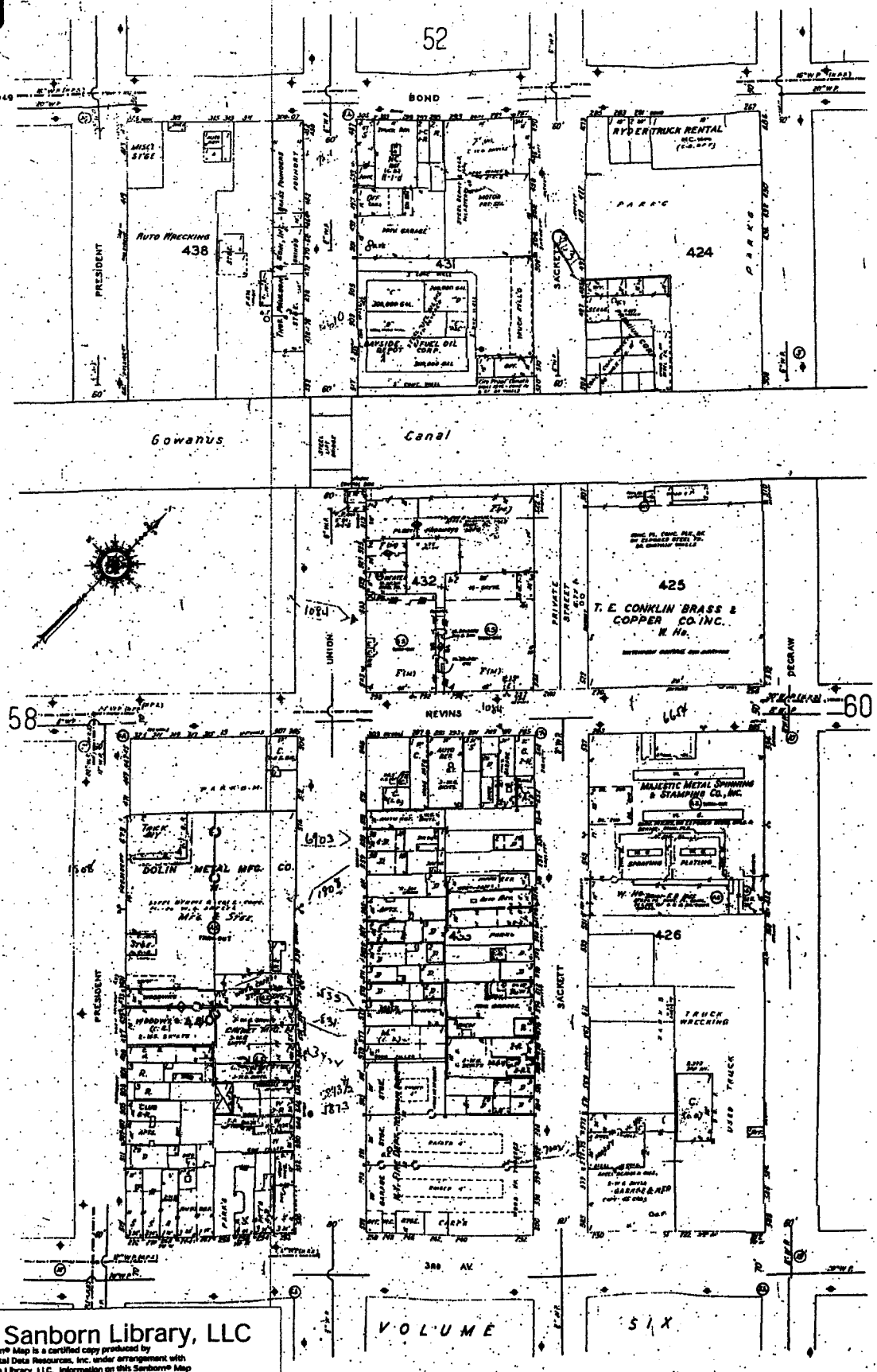
"R"
OCT. 1949



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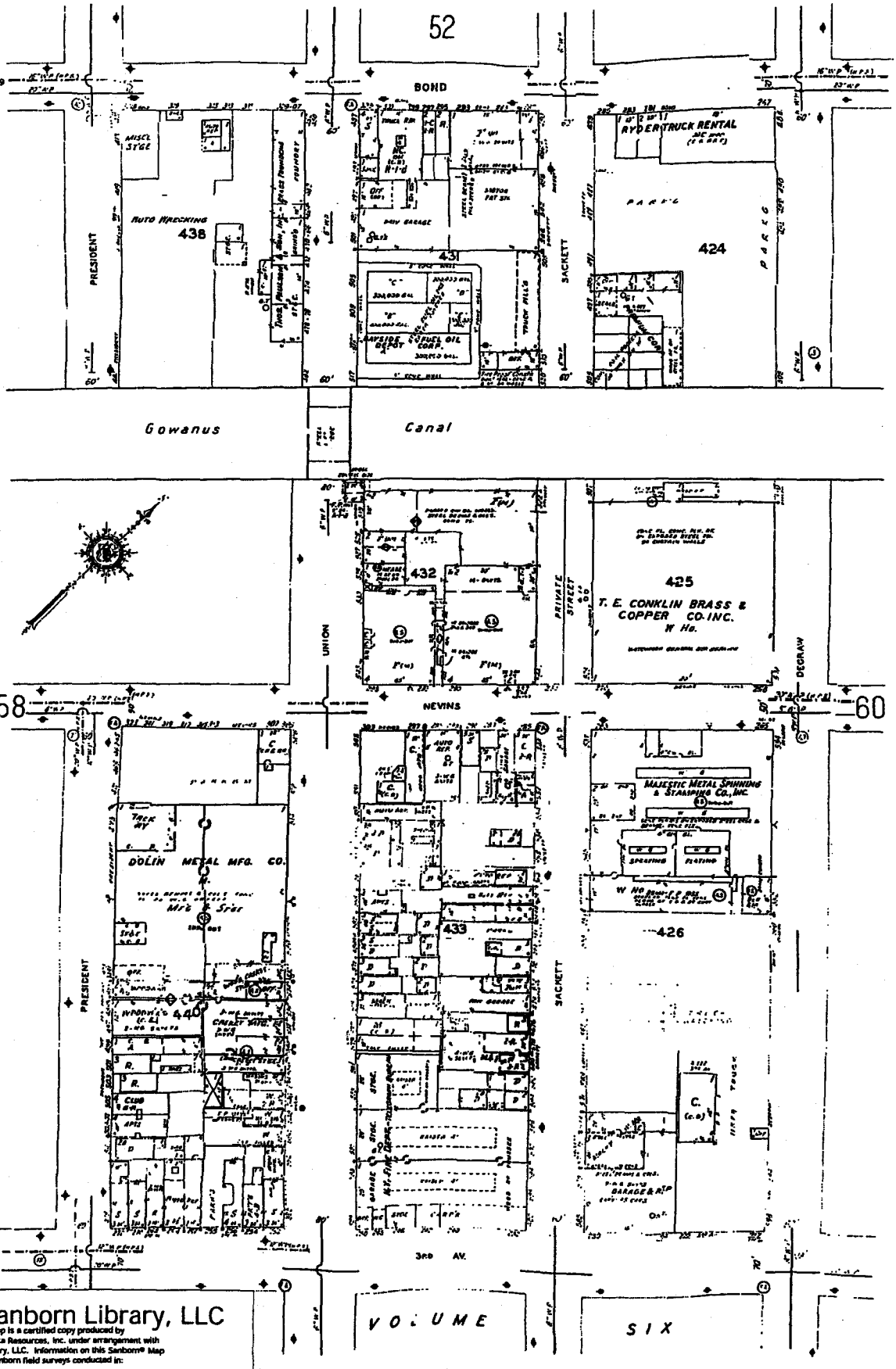
(ESSEX)
BROOKLYN, N.Y. VOL. 1

59

"R"
OCT. 1949



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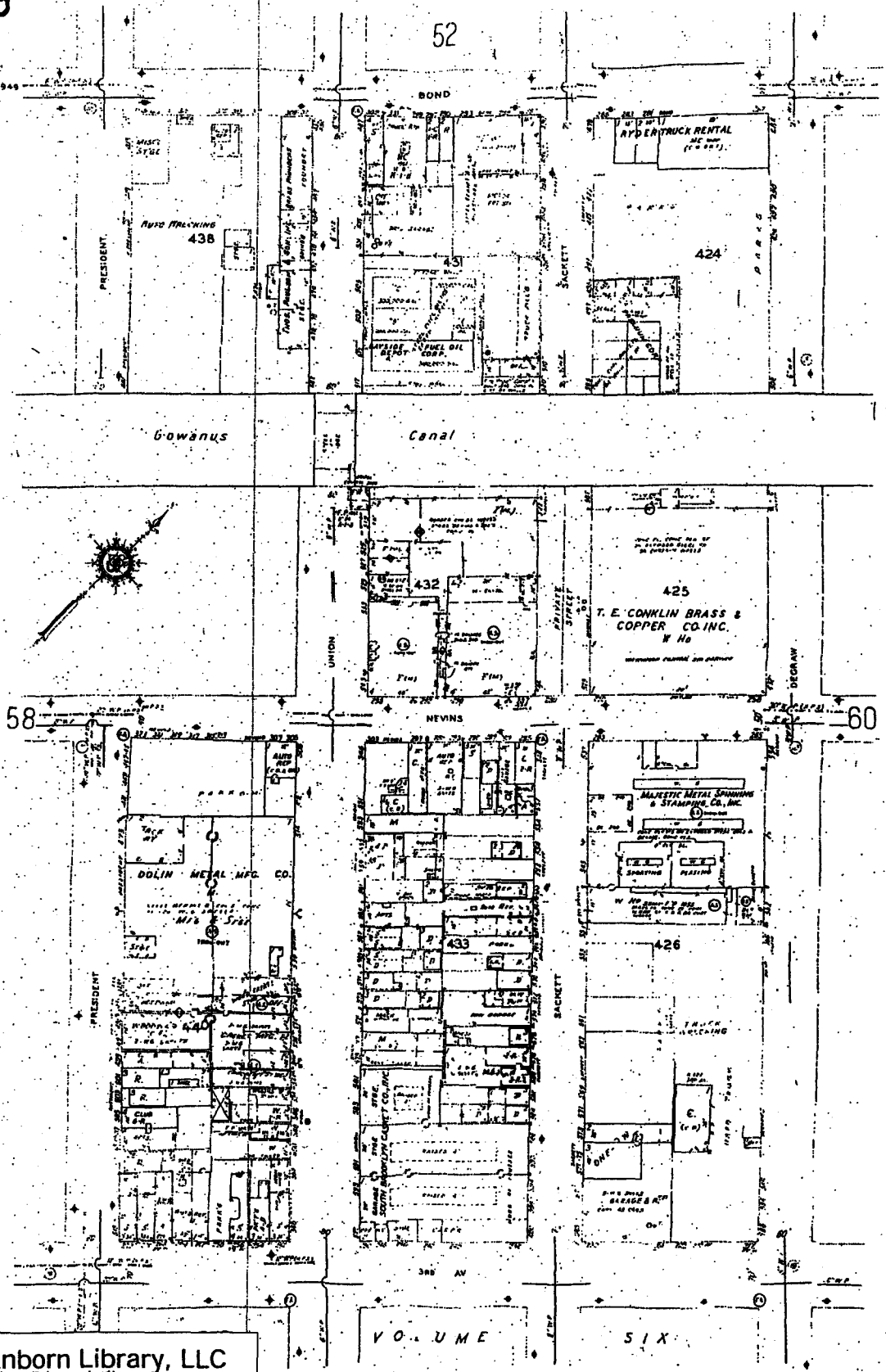

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(1938)
BROOKLYN, N.Y. VOL. 1

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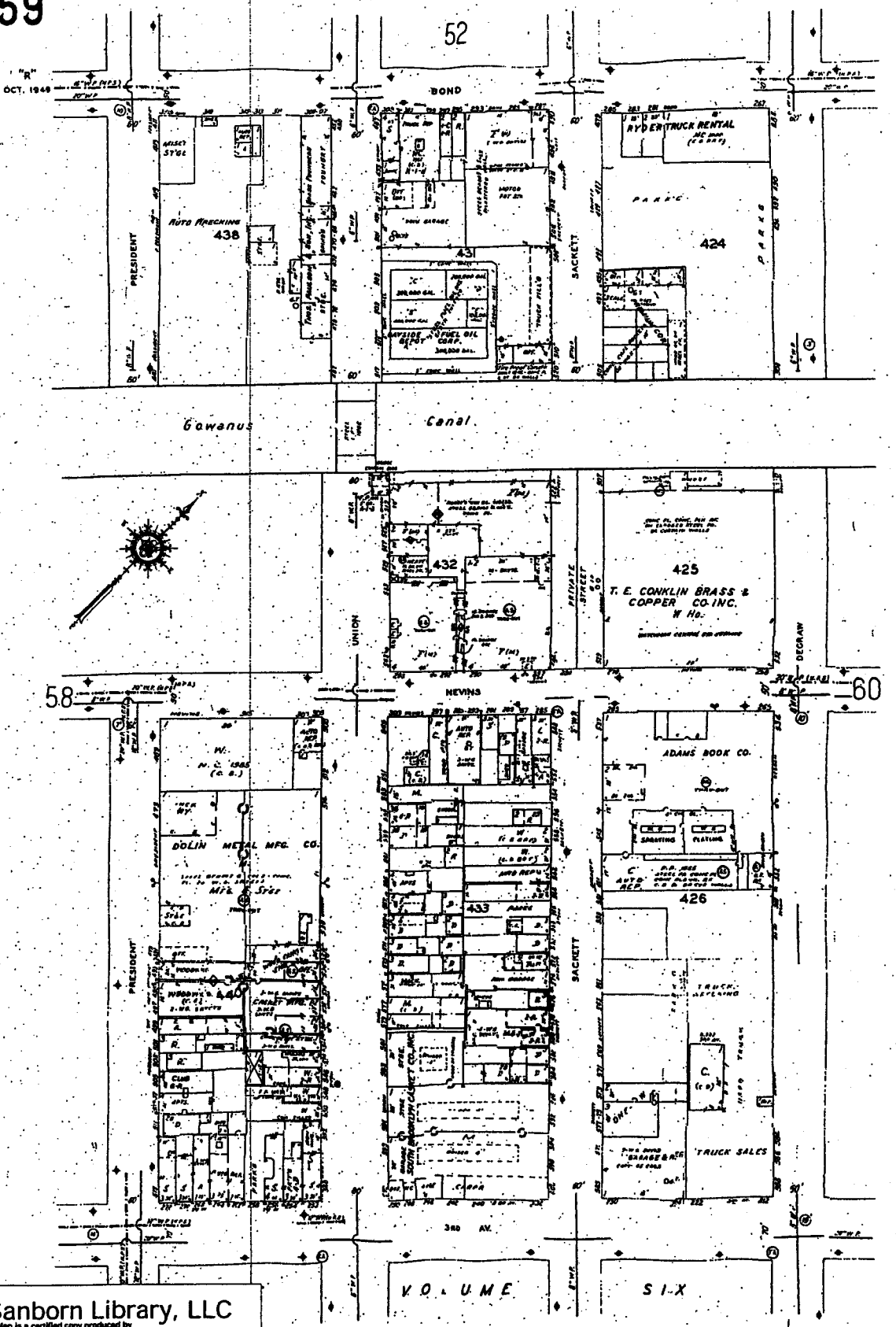

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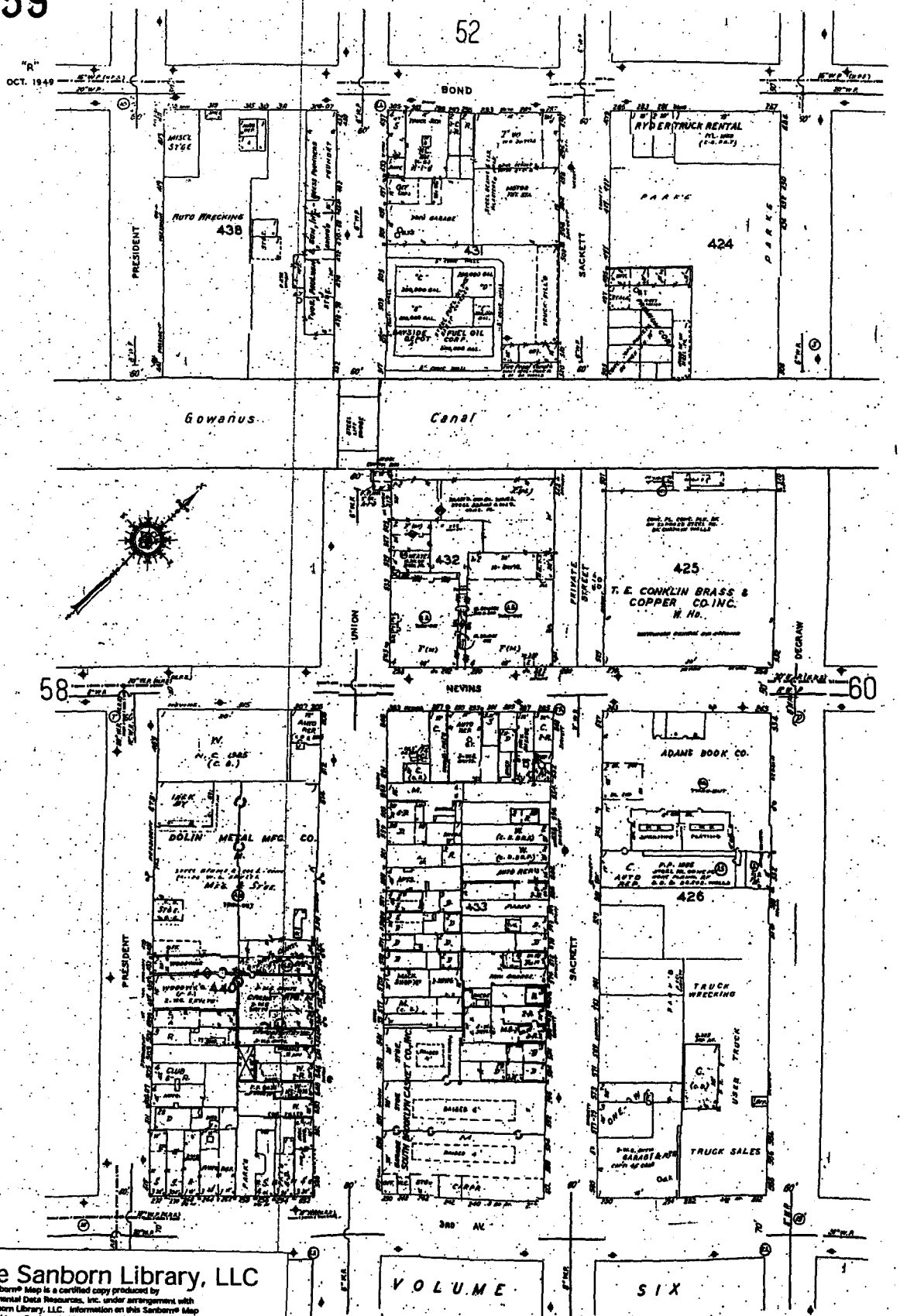

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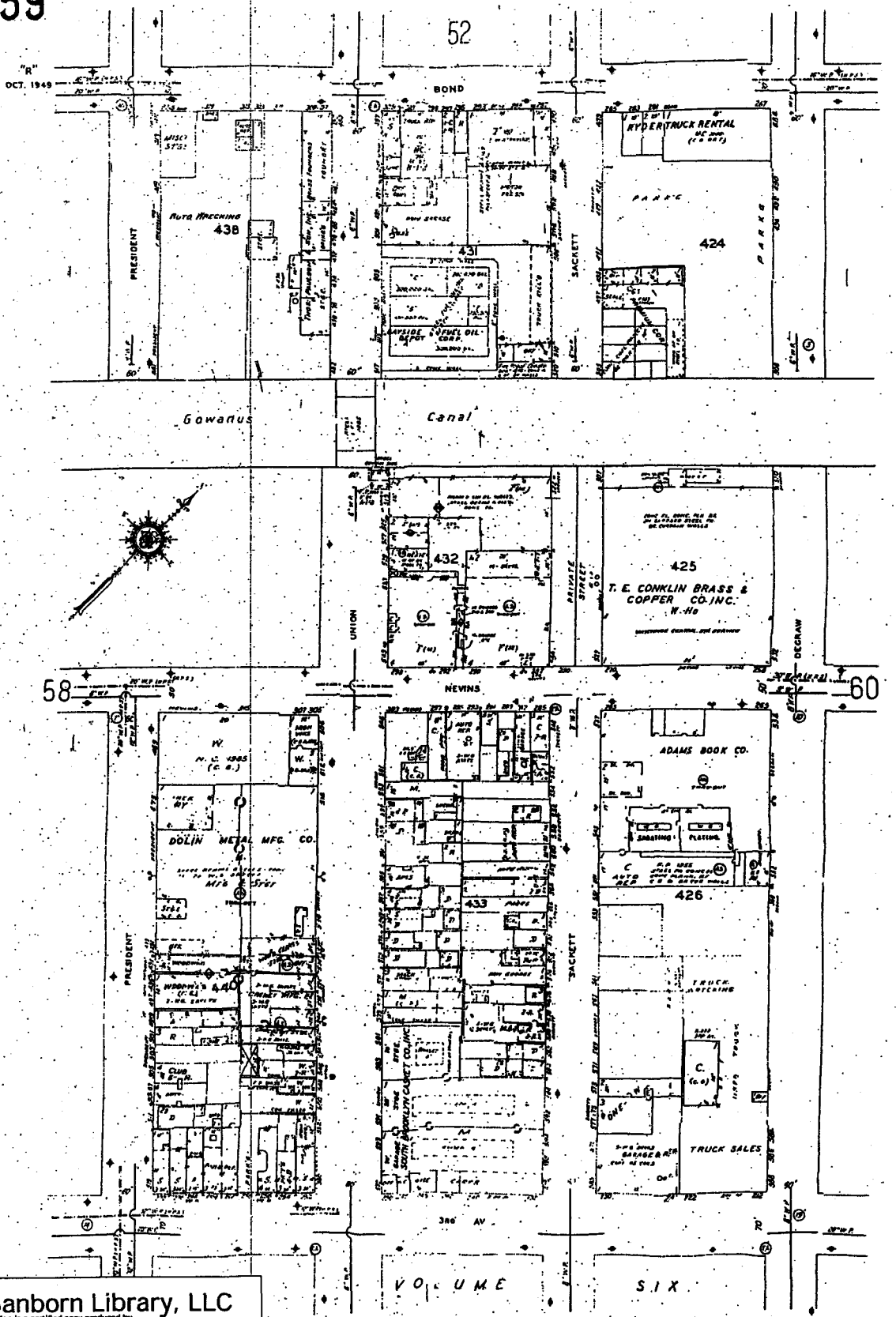

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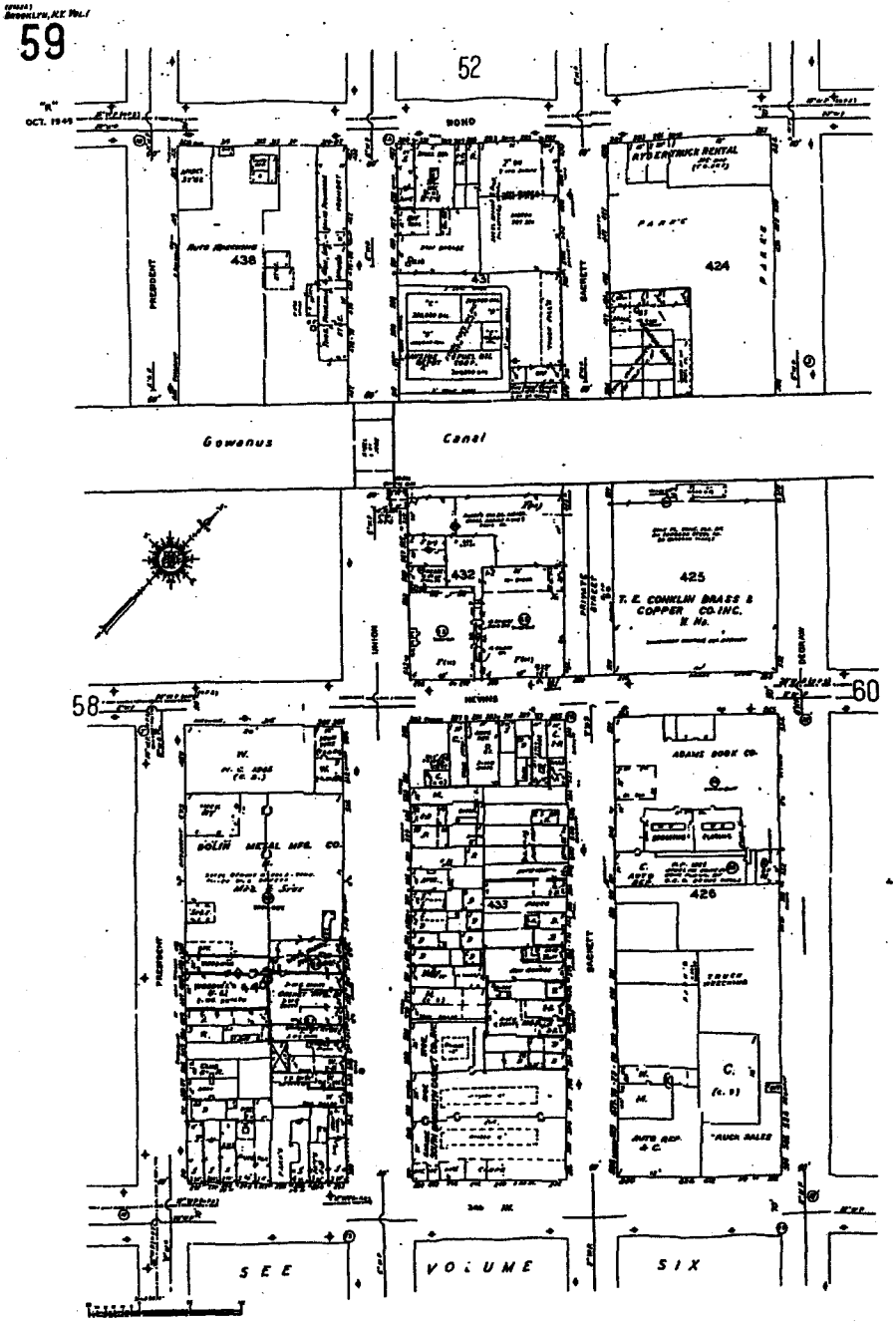

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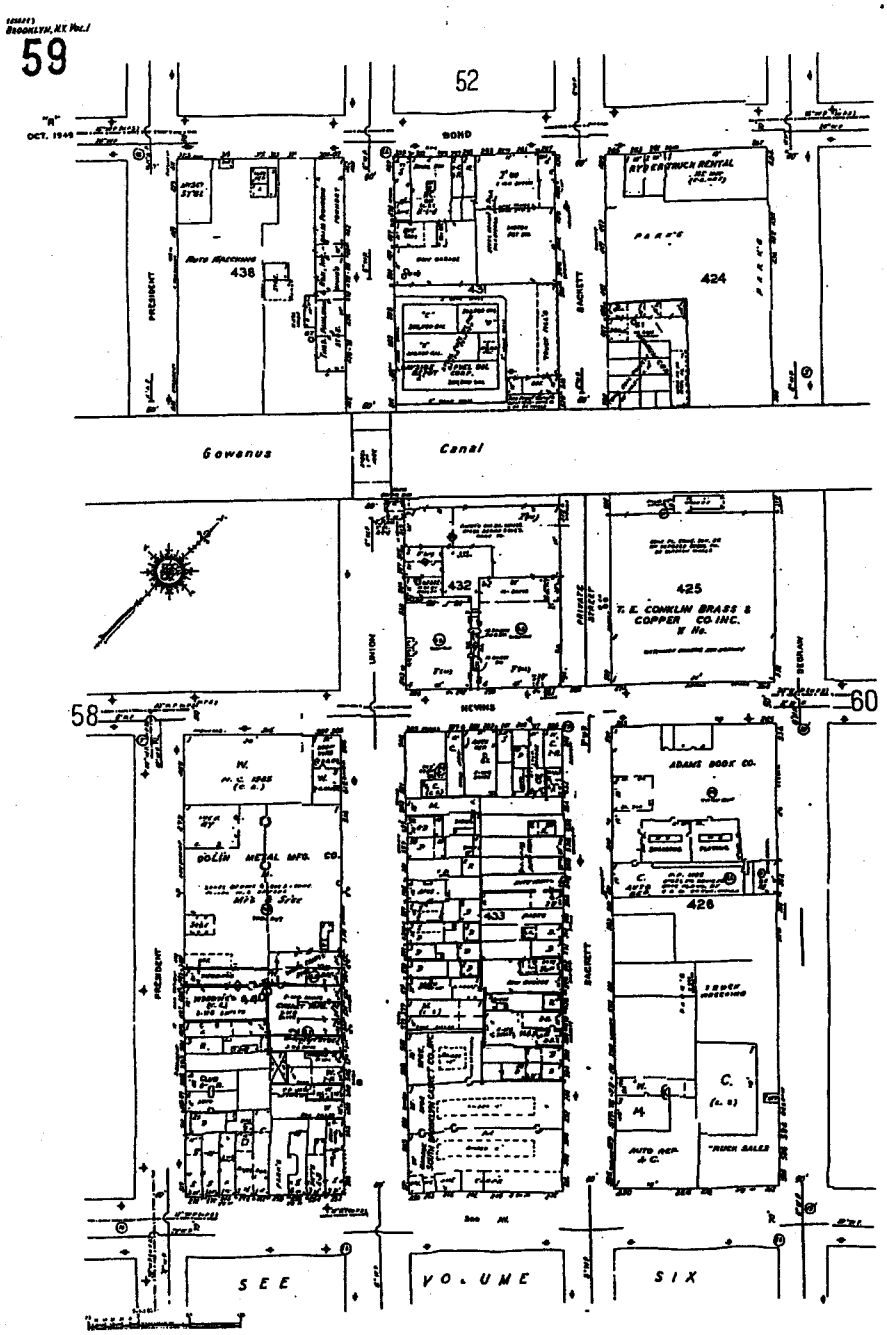

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APPENDIX E

HISTORIC AERIAL PHOTOGRAPHS

ULANO CORP (Continued) **1000317853**

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:	04/01/1998	Next Test Date:	04/01/2003
Date Closed:	Not reported	Test Method:	TANKOLOGY [VACUTECT]
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	10000	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	01/05/2001
Old PBS Number:	Not reported	Expiration Date:	03/28/2003
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:	2-295345	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	ULANO CORPORATION (718) 622-5200		
Emergency Contact:	ANTHONY MELENDI (718) 253-6945		
Total Tanks:	1		
Owner:	ULANO CORPORATION 255 BUTLER ST BROOKLYN, NY 11217 (718) 622-5200		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	ULANO CORPORATION 255 BUTLER ST BROOKLYN, NY 11217 (718) 622-5200		
Tank Status:	Closed - In Place		
Capacity (gals):	2000		
Tank Location:	UNDERGROUND		
Tank Id:	02	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	OTHER
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:	Product Level Gauge	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	Not reported

ULANO CORP (Continued) **1000317853**

Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	10000	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	01/05/2001
Old PBS Number:	Not reported	Expiration Date:	03/28/2003
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:	2-295345	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	ULANO CORPORATION (718) 622-5200		
Emergency Contact:	ANTHONY MELENDI (718) 253-6945		
Total Tanks:	1		
Owner:	ULANO CORPORATION 255 BUTLER ST BROOKLYN, NY 11217 (718) 622-5200		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	ULANO CORPORATION 255 BUTLER ST BROOKLYN, NY 11217 (718) 622-5200		
Tank Status:	Closed - Removed		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	12/01/1946
Tank Type:	Steel/carbon steel	Product Stored:	UNLEADED GASOLINE
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Underground	Pipe Type:	GALVANIZED STEEL
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:	12/01/1993	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:	10000	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	01/05/2001

ULANO CORP (Continued) **1000317853**

Old PBS Number:	Not reported	Expiration Date:	03/28/2003
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:	2-295345	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	ULANO CORPORATION (718) 622-5200		
Emergency Contact:	ANTHONY MELENDI (718) 253-6945		
Total Tanks:	1		
Owner:	ULANO CORPORATION 255 BUTLER ST BROOKLYN, NY 11217 (718) 622-5200		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	ULANO CORPORATION 255 BUTLER ST BROOKLYN, NY 11217 (718) 622-5200		
Tank Status:	Closed - Removed		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	002	Install Date:	12/01/1946
Tank Type:	Steel/carbon steel	Product Stored:	UNLEADED GASOLINE
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Underground	Pipe Type:	GALVANIZED STEEL
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:	12/01/1993	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:	10000	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	01/05/2001
Old PBS Number:	Not reported	Expiration Date:	03/28/2003
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		

ULANO CORP (Continued) 1000317853

County Code:	61		
Region:	2		
PBS Number:	2-295345	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	ULANO CORPORATION (718) 622-5200		
Emergency Contact:	ANTHONY MELENDI (718) 253-6945		
Total Tanks:	1		
Owner:	ULANO CORPORATION 255 BUTLER ST BROOKLYN, NY 11217 (718) 622-5200		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	ULANO CORPORATION 255 BUTLER ST BROOKLYN, NY 11217 (718) 622-5200		
Tank Status:	Closed - Removed		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	003	Install Date:	12/01/1946
Tank Type:	Steel/carbon steel	Product Stored:	UNLEADED GASOLINE
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Underground	Pipe Type:	GALVANIZED STEEL
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:	12/01/1993	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:	10000	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	01/05/2001
Old PBS Number:	Not reported	Expiration Date:	03/28/2003
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		

This is the most recent NY PBS data for this site.
The NY PBS database contains 5 additional records for this site.
Please contact your EDR Account Executive for more information.

Q86
SSW
1/4-1/2
2007 ft.
Higher

NYC DEPT OF SANITATION - J SCHIAVONE
15 2ND AVE BK-N-2
BROOKLYN, NY 11215

RCRIS-SQG **1000140989**
FINDS **NYD982529687**
LTANKS

Site 2 of 2 in cluster Q

RCRIS:
Owner: HOWARD LEVINE
(212) 555-1212
EPA ID: NYD982529687
Contact: CANARIO FORM
(718) 624-7113
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

LTANKS:

Spill Number:	9614826	Region of Spill:	2
Facility Contact:	CALLER	Facility Tele:	(716) 856-5636
Investigator:	KRIMGOLD	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
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	CITY OF NEW YORK		
Spiller Address:	NEW YORK, NY		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	Not reported		
Spill Cause:	Tank Failure	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Spill Notifier:	Other	PBS Number:	Not reported
Spill Date:	03/25/1997 10:00	Reported to Dept:	03/25/1997 11:17
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported		

Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 03/27/1997
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 03/25/1997
Date Region Sent Summary to Central Office: Not reported
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported

NYC DEPT OF SANITATION - J SCHIAVONE (Continued) **1000140989**

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: False
Material: OTHER PETROLEUM
Class Type: Petroleum
Chem Abstract Service Number: OTHER PETROLEUM
Last Date: 09/29/1994
Num Times Material Entry In File: 996
DEC Remarks: Not reported
Spill Cause: RESULTS JUST GOT BACK FROM SOIL SAMPLES - SHOWED MIX OF GAS, DIESEL AND OIL CONSTRUCTION MANAGER IS DEMATTEIS CONSTRUCTION

87
SSW
1/4-1/2
2082 ft.
Higher

SPARTAN DISMANTLING CORP **RCRIS-SQG 1000369874**
110 5TH ST **FINDS NYD982796286**
BROOKLYN, NY 11215 **SWF/LF**

RCRIS:
Owner: ANGELINA CHRISTE
(718) 376-7430
EPA ID: NYD982796286
Contact: STEPHEN CORRIGAN
(718) 522-2263
Classification: Handler transports wastes, but commercial status is unknown, Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

LF:

Facility ID:	24TA6	Telephone:	(610) 317-3200
DEC Region:	2	Permit #:	2610300091000020
Permit issue date:	06/08/98	Permit Expires:	06/08/03
Authrzd/Operate Dt:	06/08/93	Constrct Perm #:	0
Auth. to Construct:	/ /	Const Permit Exp:	/ /
Regulatory Status:	Permit	Receiving Waste:	True
Started Rec Waste:	/ /	Stop Rec Waste:	/ /
Fax:	(718) 522-2697		
Aquifer:	none		
Waste type:	Asbestos		
Owner Name:	IESI NY Corporation	Owner Type:	Private
Mail Address:	2 Commerce Street Bayonne, NJ 11125		
Owner Telephone:	(201) 437-5200	Operator Name:	Vito Galante

Annual Report Submitted to ALB:

SPARTAN DISMANTLING CORP (Continued) **1000369874**

Single Liner:	False
Single Composite Liner:	False
Double Liner:	False
Double Composite Liner:	False
Date Ordered On Consent Signed:	/ /
Accomplish Date Of Order:	/ /
Ny Transverse Mercator Coordinates East:	585160
Ny Transverse Mercator Coordinates North:	4503211
Facility Code:	T
Code:	F
Tons:	0
Facility:	F
Annual Report for 2001:	False
Quarterly Report 1:	False
Quarterly Report 2:	False
Quarterly Report 3:	False
Quarterly Report 4:	False
IHWS number:	0
IHWS classification:	Not reported
Inactive HWS:	False
1989:	False
1990:	False
1991:	False
1992:	False
1993:	True
1994:	True
1995:	True
1996:	True
1997:	True
1998:	True
1999:	True
2000:	True
Accounted For At Another Facility	False
Quarter 1:	False
Quarter 2:	False
Quarter 3:	False
Quarter 4:	False
Remarks:	Not reported
Comments:	Not reported

88
WSW
1/4-1/2
2120 ft.
Higher

7 3RD STREET/PEP S/S
7 3RD STREET
BKLYN, NY

LTANKS **S100493230**
N/A

LTANKS:

Spill Number:	9112287	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
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
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	Not reported		
Spiller Address:	Not reported		
Spill Class:	Known release that creates potential for fire or hazard. (Highly Improbable)		

81-03 THIRD AVE/BKLYN (Continued) **S100167479**

Spill Closed Dt: 11/18/1991
Spill Cause: Tank Test Failure
Water Affected: Not reported
Spill Notifier: Tank Tester
Spill Date: 12/15/1987 17:00
Cleanup Ceased: 11/18/1991
Last Inspection: Not reported
Resource Affected: Groundwater
Spill Source: Gas Station
PBS Number: 2-157538
Reported to Dept: 12/16/1987 08:57
Cleanup Meets Standard: True
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: True
Spill Record Last Update: 11/25/1991
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 01/13/1988
Date Region Sent Summary to Central Office: Not reported
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: Not reported
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 Times Material Entry In File: 21329
DEC Remarks: 11/18/91: 11/18/91-SEE SPILL 9012317-SEE LETTER 81013AV.
Spill Cause: HYDROSTATIC TEST 5) 550 GAL TANKS, 5.5PSI PER 30 MINUTES AT 60 IN. OF PRODUCT.

---

90 ENE 1/4-1/2 2236 ft. Higher **EMPTY LOT** **LTANKS** **S104621791**
90 4TH AVE **N/A**
BROOKLYN, NY

LTANKS:
Spill Number: 0003201
Facility Contact: KEN
Investigator: SACCACIO
Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
Spiller Contact: Not reported
Spiller: UNNOWN
Spiller Address: Not reported
Region of Spill: 2
Facility Tele: (718) 797-9555
SWIS: 61
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Spiller Phone: Not reported

EMPTY LOT (Continued) **S104621791**

Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: Not reported
Spill Cause: Tank Failure
Water Affected: Not reported
Spill Notifier: Other
Spill Date: 06/14/2000 13:00
Cleanup Ceased: Not reported
Last Inspection: Not reported
Resource Affected: On Land
Spill Source: Gas Station
PBS Number: Not reported
Reported to Dept: 06/14/2000 14:00
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: True
Spill Record Last Update: 06/14/2000
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 06/14/2000
Date Region Sent Summary to Central Office: 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: 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: 09/29/1994
Num Times Material Entry In File: 21329
DEC Remarks: Not reported
Spill Cause: lot was a gas station years ago and caller is removing tanks and found some contaminated soil

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91
SSW
1/4-1/2
2267 ft.
Higher

U.S.A. RECYCLING, INC.
141 SIXTH STREET
BROOKLYN, NY

SWRCY **S104298495**
N/A

NY SWRCY
Permit #: Not reported
Owner Name: U.S. Recycling, Inc.
Contact Tele: (718) 625-2649
Material Accepted: paper, cardboard, plastic, clean wood & metals

92
NE
1/4-1/2
2316 ft.
Higher

80 3RD AVE.
80 3RD AVE.
BROOKLYN, NY

LTANKS | S102671969
N/A

LTANKS:

Spill Number:	9208644	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
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
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	Not reported		
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:	10/27/1992		
Spill Cause:	Tank Overfill	Resource Affected:	In Sewer
Water Affected:	Not reported	Spill Source:	Tank Truck
Spill Notifier:	Fire Department	PBS Number:	Not reported
Spill Date:	10/27/1992 11:00	Reported to Dept:	10/27/1992 12:24
Cleanup Ceased:	10/27/1992		
Last Inspection:	Not reported		

Cleanup Meets Standard: True
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 10/27/1992
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 10/27/1992
Date Region Sent Summary to Central Office: 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: 2000
- Units: Gallons
- Unknown Qty Spilled: 2000
- Quantity Recovered: 0
- Unknown Qty Recovered: False
- Material: #6 FUEL OIL
- Class Type: Petroleum
- Chem Abstract Service Number: #6 FUEL OIL
- Last Date: 07/28/1994
- Num Times Material Entry In File: 2190

DEC Remarks: Not reported
Spill Cause: SPILL INTO BASEMENT SMALL AMOUNT INTO SANITARY SEWER VIA SUMP PUMP- F. D. APPLYING SORBENT AND SPILLER TO FOLLOW UP ,NYCDEP ALSO RESPONDINGTO-7

80 3RD AVE. (Continued) S102671969

18-595-4646 NYCDEP RESPONDED ON SCENE WILL CALL IF NEEDH

93 SSW 1/4-1/2 2360 ft. Higher — **106 6TH ST** / **106 6TH ST** / **BROOKLYN, NY** — **LTANKS** — **S102660664** / **N/A**

LTANKS:

Spill Number:	9502574	Region of Spill:	2
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	TANG	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
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	UNKNOWN		
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:	05/31/1995		
Spill Cause:	Tank Failure	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Unknown
Spill Notifier:	Local Agency	PBS Number:	Not reported
Spill Date:	05/31/1995 12:44	Reported to Dept:	05/31/1995 12:49
Cleanup Ceased:	05/31/1995		
Last Inspection:	Not reported		

Cleanup Meets Standard:	True
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Date:	Not reported
Enforcement Date:	Not reported
Investigation Complete:	Not reported
UST Involvement:	False
Spill Record Last Update:	Not reported
Is Updated:	False
Corrective Action Plan Submitted:	Not reported
Date Spill Entered In Computer Data File:	06/07/1995
Date Region Sent Summary to Central Office:	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:	Gallons
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

DEC Remarks: Not reported

106 6TH ST (Continued) **S102660664**

Spill Cause: 4 BARRELS ABANDONED - POSS. CONTAINING HAZARDOUS MATERIAL - NOT LEAKING - REFER TO NYCDEP HAZMAT

94
North
1/4-1/2
2361 ft.
Lower

122 HOYT STREET
122 HOYT STREET
BROOKLYN, NY

LTANKS **S102232705**
N/A

LTANKS:

Spill Number:	9605364	Region of Spill:	2
Facility Contact:	ROBERT KLESHEFSKY	Facility Tele:	(516) 678-5115
Investigator:	SIGONA	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
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	Not reported		
Spiller Address:	-		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	Not reported		
Spill Cause:	Tank Test Failure	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Spill Notifier:	Tank Tester	PBS Number:	Not reported
Spill Date:	07/25/1996 14:00	Reported to Dept:	07/25/1996 16:05
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported		
Cleanup Meets Standard:	False		
Recommended Penalty:	Penalty Not Recommended		
Spiller Cleanup Date:	Not reported		
Enforcement Date:	Not reported		
Investigation Complete:	Not reported		
UST Involvement:	False		
Spill Record Last Update:	09/04/1996		
Is Updated:	False		
Corrective Action Plan Submitted:	Not reported		
Date Spill Entered In Computer Data File:	07/25/1996		
Date Region Sent Summary to Central Office:	Not reported		

Tank Test:

PBS Number:	Not reported
Tank Number:	001
Test Method:	Horner EZ Check
Capacity of Failed Tank:	550
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:	#2 FUEL OIL
Class Type:	Petroleum
Chem Abstract Service Number:	#2 FUEL OIL
Last Date:	12/07/1994
Num Times Material Entry In File:	24464

122 HOYT STREET (Continued) **S102232705**

DEC Remarks: NO PBS FOR SITE
Spill Cause: gross fail on tank

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95 NW 1/4-1/2 2431 ft. Higher **IS 293** **284 BALTIC ST** **BROOKLYN, NY** **LTANKS** **S103941512** **N/A**

LTANKS:

Spill Number:	9903531	Region of Spill:	2
Facility Contact:	CALLER	Facility Tele:	(315) 764-4737
Investigator:	SIGONA	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
Spiller Contact:	FRANK CARDELLO	Spiller Phone:	(718) 391-6832
Spiller:	BOARD OF EDUCATION		
Spiller Address:	20-11 QUEENS PLZ N LONG ISLAND CITY, NY 11101		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	Not reported		
Spill Cause:	Tank Overfill	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Other Non Commercial/Industrial
Spill Notifier:	Other	PBS Number:	Not reported
Spill Date:	06/28/1999 07:45	Reported to Dept:	06/28/1999 10:15
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported		

Cleanup Meets Standard:	False
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Date:	Not reported
Enforcement Date:	Not reported
Investigation Complete:	Not reported
UST Involvement:	False
Spill Record Last Update:	06/30/1999
Is Updated:	False
Corrective Action Plan Submitted:	Not reported
Date Spill Entered In Computer Data File:	06/28/1999
Date Region Sent Summary to Central Office:	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:	50
Units:	Gallons
Unknown Qty Spilled:	50
Quantity Recovered:	0
Unknown Qty Recovered:	True
Material:	#4 FUEL OIL
Class Type:	Petroleum
Chem Abstract Service Number:	#4 FUEL OIL
Last Date:	12/05/1994

IS 293 (Continued) **S103941512**

Num Times Material Entry In File: 1751
DEC Remarks: DEC Sigona) called Issac Mungra PTC) at 11:15 A.M. on 6/28/99. The ve nt line released product during tank overfill. PTC is sending a cleanup crew as they are one block away from the School where the spill occurred . PTC will call DEC with an updaate, after they complete the cleanup fo r the School.
Spill Cause: caller reports unknown reason for spill.

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96 ENE 1/4-1/2 2483 ft. Higher **341 BERGEN ST** **341 BERGEN ST** **BROOKLYN, NY** **LTANKS** **S102663561** **N/A**

LTANKS:

Spill Number:	9706573	Region of Spill:	2
Facility Contact:	LEON SZUSTERMAN	Facility Tele:	(718) 417-7741
Investigator:	TANG	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
Spiller Contact:	LEON SZUSTERMAN	Spiller Phone:	(718) 417-7741
Spiller:	LEONETTE TRUCKING		
Spiller Address:	389 MELROSE ST BROOKLYN, NY 11237		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	04/30/1998		
Spill Cause:	Tank Overfill	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Commercial Vehicle
Spill Notifier:	Responsible Party	PBS Number:	Not reported
Spill Date:	09/02/1997 11:30	Reported to Dept:	09/02/1997 12:24
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported		

Cleanup Meets Standard:	False
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Date:	Not reported
Enforcement Date:	Not reported
Investigation Complete:	Not reported
UST Involvement:	False
Spill Record Last Update:	05/14/1998
Is Updated:	False
Corrective Action Plan Submitted:	Not reported
Date Spill Entered In Computer Data File:	09/02/1997
Date Region Sent Summary to Central Office:	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:	20
Units:	Gallons
Unknown Qty Spilled:	20
Quantity Recovered:	0

341 BERGEN ST (Continued) **S102663561**

Unknown Qty Recovered: False
Material: GASOLINE
Class Type: Petroleum
Chem Abstract Service Number: GASOLINE
Last Date: 09/29/1994
Num Times Material Entry In File: 21329
DEC Remarks: CALLED LEON SZUSTERMAN, BEEPER 917 949-1781. HE CALLED BACK, SAID THAT IT WAS A FEW GALLONS 2-3 GAL.) SPILL FROM THE STICKLINE WHEN TANK WAS O VERFILLED HAS BEEN CONTAINED AND CLEANED UP W/SPEEDY DRY. REFER TO DEP. IWCS FOR POSSIBLE ENFORCEMENT.
Spill Cause: DRIVER WAS FILLING AN OUTSIDE TANK TO A TAXI SERVICE AND OVERFILLED THE TANK - FDNY ON SCENE AND SPILL HAS BEEN CONTAINED

97
NNE
1/4-1/2
2616 ft.
Lower

438-440 ATLANTIC AVENUE **LTANKS** **S104276725**
438-440 ATLANTIC AVENUE **N/A**
BROOKLYN, NY

LTANKS:
Spill Number: 9514297
Region of Spill: 2
Facility Contact: BROOKLYN RESTORATION INC.
Facility Tele: (718) 891-8300
Investigator: KRIMGOLD
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
Spiller Contact: FRANK ODONNELL
Spiller Phone: (718) 647-4200
Spiller: BAERENKLAU OIL CO
Spiller Address: 740 JAMACA AVE
BROOKLYN NY, NY 11208
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 02/09/1996
Spill Cause: Tank Overfill
Resource Affected: On Land
Water Affected: Not reported
Spill Source: Private Dwelling
Spill Notifier: Responsible Party
PBS Number: Not reported
Spill Date: 02/09/1996 07:50
Reported to Dept: 02/09/1996 09:32
Cleanup Ceased: Not reported
Last Inspection: Not reported
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 02/21/1996
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 02/09/1996
Date Region Sent Summary to Central Office: 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:

438-440 ATLANTIC AVENUE (Continued) **S104276725**

Material Class Type: 1
Quantity Spilled: 2
Units: Gallons
Unknown Qty Spilled: 2
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #2 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry In File: 24464
DEC Remarks: CLEAN-UP BY THE SPILLER
Spill Cause: overfilled tank.

98
WSW
1/2-1
2840 ft.
Higher

CITIZENS GAS LIGHT CO. **Coal Gas** **G000000386**
437 SMITH ST. **N/A**
BROOKLYN, NY 11237

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 5th St. Site is currently a park. (C14)

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99
SSW
1/2-1
3887 ft.
Higher

METROPOLITAN GAS LIGHT CO. **Coal Gas** **G000000436**
35 12TH ST. **N/A**
BROOKLYN, NY 11215

COAL GAS SITE DESCRIPTION:
Site is east of 2nd 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 I.D. #NYD980532006

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100
SSW
1/2-1
3985 ft.
Higher

BROOKLYN UNION GAS CO. **Coal Gas** **G000000385**
157 SECOND AVE. **N/A**
BROOKLYN, NY 11232

COAL GAS SITE DESCRIPTION:
Site is on the western side of 2nd Ave. between 13th St. and where 11th Street would have been. Site is bordered on the west by the Gowanas Canal. (C14)

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ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BROOKLYN	S103485175	PM 2341	2ND ST / 64 TH ST		NY Spills
BROOKLYN	S105235469	43RD ST BETWEEN	2ND AV / 1ST AV		NY Spills
BROOKLYN	S105236431	MANHOLE 66771	3RD AV / 59TH ST		NY Spills
BROOKLYN	S104789265	SB 38848	2ND ST / GOWANUS CANAL		NY Spills
BROOKLYN	S104653655	MANHOLE 57618	44 ST /20 FT E 2ND AVE		NY Spills
BROOKLYN	S105056922	ATLAS GAS STATION	20TH ST / 3RD AVE		NY Spills
BROOKLYN	S105141525	3RD AV YARD INFO STOREROO	M 222 1ST ST		NY Spills
BROOKLYN	S103573488	MANHOLE 74514	25TH ST WEST OF 3RD AVE		NY Spills
BROOKLYN	S105141992	GOWANUS SUBSTATION	27TH STREET AT THIRD AVE		NY Spills
BROOKLYN	S105057069	GOWANUS SUBSTATION	27TH ST / 3RD AV		NY Spills
BROOKLYN	S104953010	GOWNUS SUB STATION	27TH STREET+3RD AVE		NY Spills
BROOKLYN	S104953011	GOWNUS SUB STATION	27TH STREET+3RD AVE		NY Spills
BROOKLYN	S104953012	GOWNUS SUB STATION	27TH STREET+3RD AVE		NY Spills
BROOKLYN	S105236022	GUANAS SUB-STATION	27TH ST/3RD AV		NY Spills
BROOKLYN	S102148375	CON EDISON	27TH ST / 2ND AVE		NY Spills
BROOKLYN	96505683	29TH STREET AND 2ND AVE GOWANUS GAS TURBINE SITE	29TH STREET AND 2ND AVE GOWANUS GAS TURBINE SITE		ERNS
BROOKLYN	96494447	29TH ST AND 2ND AVE GOWANUS GAS TURBINE SITE	29TH ST AND 2ND AVE GOWANUS GAS TURBI SITE		ERNS
BROOKLYN	S102147942	SOUTH 2ND ST.	SOUTH 2ND ST.		NY Spills
BROOKLYN	S104787377	MANHOLE 6471	EAST 2ND STREET+18TH AVE		NY Spills
BROOKLYN	S104194816	MANHOLE 63639	EAST 2ND ST / KINGS H-WAY		NY Spills
BROOKLYN	96504865	33RD AND 2ND AVE GOWANUS CANAL	33RD AND 2ND AVE GOWANUS CANAL		ERNS
BROOKLYN	S102150724	DAVIDSON PIPE SUPPLY CO	37TH ST/BET. 2ND / 3RD AV		NY Spills
BROOKLYN	S102143986	3RD ST BRIDGE SHEEN,BKLYN	@ 3RD ST. BRIDGE		NY Spills
BROOKLYN	S104952638	MANHOLE #64857	EAST 3RD ST / AVE C		NY Spills
BROOKLYN	S104194803	BTWN 57 & 58TH ST	ON 3RD AV		NY Spills
BROOKLYN	S104283378	MANHOLE 33640	E 3RD ST / AVE F		NY Spills
BROOKLYN	S105235758	MANHOLE # 66770	51ST ST/3RD AVE		NY Spills
BROOKLYN	S102150275	BAY RIDGE CANAL - 57TH ST	57TH ST PIER/BAY RIDGE		NY Spills
BROOKLYN	S102148151	57TH ST. & 2ND AVENUE	57TH ST / 2ND AVE		NY Spills
BROOKLYN	89127674	IN A CANAL NEXT TO THE COMPANY	IN A CANAL NEXT TO THE COMPANY		ERNS
BROOKLYN	S105057939	ANTON JUNIC ENTERPRISES	776 3RD AV		NY Spills
BROOKLYN	S105058470	CON ED YARD	222 1ST AV		NY Spills
BROOKLYN	S102240204	SLATING OIL AT	3RD AV		NY Spills
BROOKLYN	S104786964	VAULT 3471	3RD AV/30TH ST		NY Spills
BROOKLYN	S105058297	MANHOLE #38662	1ST AV/310FT S OF 39TH ST		NY Spills
BROOKLYN	S104953348	GOWANUS SUB STATION	3RD AVE / 27TH ST		NY Spills
BROOKLYN	S104953345	GOWANUS SUB STATION	3RD AVE / 27TH ST		NY Spills
BROOKLYN	1001482984	DICENT SERVICE STATION	169 3RD AVE	11215	RCRIS-SQG, FINDS
BROOKLYN	S102149730	2NS AVE & E. 154TH ST	2ND AVE / E, 145TH ST		NY Spills
BROOKLYN	S102238449	AVEU/BETWEEN E. 1ST & 2ND	AVE U/BETWEEN E 1ST / 2ND S		NY Spills
BROOKLYN	S104953347	GOWANS SUB STATION	3RD AVE / 28TH ST		NY Spills

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BROOKLYN	S102663432	GAS STATION	AVE Y/ W. 3RD ST SE CORN		NY Spills
BROOKLYN	S103560388	1ST AVE BET 50 & 51ST STS	1ST AVE		NY Spills
BROOKLYN	S103937914	MANHOLE 5354	3RD AVE WEST SIDE		NY Spills
BROOKLYN	S103571206	OLD GAS STATION	3RD AVE		NY Spills
BROOKLYN	S104194127	23RD STREET AND	3RD AVE		NY Spills
BROOKLYN	S105142098	EAGLE GAS	AVE Y/3RD ST		NY Spills
BROOKLYN	S104880048	MH 5553	3RD AVE/ 25TH ST		NY Spills
BROOKLYN	S104647266		3RD AVE/27TH ST		NY Spills
BROOKLYN	S103272545	1ST AVE/SURF AVE & W. 10	1ST AVE/SURF AVE / W.10		NY Spills
BROOKLYN	S105003695	USPS GOWANUS SITE, FORMER MGP METROPOLIT	2ND AVENUE AND 12TH STREET		VCP
BROOKLYN	S105140755	VS6462	AVENUE X EAST 3RD STREET		NY Spills
BROOKLYN	S104323937	HARBOR ESTATES PROPERTY	AVENUE M AND AVENUE N / EAST 69 ST. & EAST 72ND		VCP
BROOKLYN	94391601	6TH ST BASIN GOWANS CANAL	6TH ST BASIN GOWANS CANAL		ERNS
BROOKLYN	S104653744	PRESIDENT STREET	BETWEEN 3RD AVENUE/NEVINS		NY Spills
BROOKLYN	S104790662	14 MAJETA STREET	BETWEEN LARMA / UNION		NY Spills
BROOKLYN	S104953262	MANHOLE 2527	BONN ST / UNION ST		NY Spills
BROOKLYN	1001482918	NYCDOT BRIDGE BIN 2240250	3RD ST BRIDGE OVER	11215	RCRIS-LQG, FINDS
BROOKLYN	S104654292	MANHOLE TM606	BRIGHTON 2ND ST		NY Spills
BROOKLYN	2000531622	CANAL	CANAL		ERNS
BROOKLYN	S102143388	CARROLL ST. & UNION ST BR	CARROLL ST / UNION ST BR		NY Spills
BROOKLYN	S104323903	PFIZER (ORGANICS/SUCIAC BLOCK)	CENTRAL PORTION OF PFIZER FACILITY, 630 FLUSHING A		VCP
BROOKLYN	S102142883	CON EDISON/NORTH 1ST ST	CON EDISON/NORTH 1ST ST		NY Spills
BROOKLYN	S103939251	MANHOLE 6266	NE CORNER AVE C E 2ND ST		NY Spills
BROOKLYN	1003864070	CARROL GARDEN	CORNER OF 5TH AND SMITH STREET	11231	CERC-NFRAP
BROOKLYN	98463809	COWANUS CANAL 29TH STREET AND 2ND AVE	COWANUS CANAL 29TH STREET AND 2ND AVE		ERNS
BROOKLYN	S103576103	MANHOLE #20850	DEGRAW STREET		NY Spills
BROOKLYN	S102142647	DOMINO SUGAR/S 2ND ST	DOMINO SUGAR/S 2ND ST		NY Spills
BROOKLYN	S103828113	WYCKOFF AVE	25 FT EAST OF STARR SR		NY Spills
BROOKLYN	S103937899	MANHOLE 19758	FULTON ST+SOUTH OXFORD SR		NY Spills
BROOKLYN	S102663359	GOWANIS HWY BY 65TH ST	GOWANIS HWY BY 65TH ST		NY Spills
BROOKLYN	96504594	GOWANUS GAS TURBINE SITE 29TH ST AND 2ND AVE	GOWANUS GAS TURBINE SITE 29TH ST AND 2I AVE		ERNS
BROOKLYN	97409148	GOWANUS CANAL /NEAR THE HAMILTON AVE BRIDGE	GOWANUS CANAL /NEAR THE HAMILTON AVE BRIDGE		ERNS
BROOKLYN	S102671084	GOWANUS PUMP STA. BYPASS	GOWANUS PUMP. STA.		NY Spills
BROOKLYN	99632099	GOWANUS CANAL AND 9TH ST.	GOWANUS CANAL AND 9TH ST.		ERNS
BROOKLYN	91227727	GOWANUS CANAL BETWEEN 23RD AND 27TH STREE	GOWANUS CANAL BETWEEN 23RD AND 27TH STREET		ERNS
BROOKLYN	S102961854	51 9TH ST	GOWONES CANAL / 2ND AVE		NY Spills
BROOKLYN	S104880895	VS 3203	HAMILTON AV / 2ND AV		NY Spills
BROOKLYN	1005444345	MTA NYCT - HOYT SCHERMERHORN STATION	HOYT & SCHERMERHORN STS	11201	RCRIS-SQG, FINDS
BROOKLYN	S102146473	4TH STREET	HOYT / BOND STREET		NY Spills
BROOKLYN	S102663083	SE CORNER STATE &	HOYT ST		NY Spills
BROOKLYN	S104651545	VAULT #2753	HOYT ST		NY Spills
BROOKLYN	S103569854	20 FT W OF PRESIDENT ST	HOYT ST		NY Spills

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BROOKLYN	S102146481	ON HWY KENT AVE-EXIT OF	ON HWY KENT AVE.EXIT OF.		NY Spills
BROOKLYN	S104787030	VAULT 2905	I/F/O 840 3RD AVE		NY Spills
BROOKLYN	S104953086	SERVICE BOX 37792	I/FO 216 S. 3RD STREET		NY Spills
BROOKLYN	S104788627	CLINTON ST AND	KANE / DEGRAW		NY Spills
BROOKLYN	S105057314	MANHOLE #1399	KINGS HWY @ E 19 TH ST		NY Spills
BROOKLYN	S103938400	BOX 38486	KINGS HIGHWAY/ROCKAWAY PK		NY Spills
BROOKLYN	1005417315	DCAS	141 LIVINGSTON ST 2ND FLOOR	11201	RCRIS-SQG, FINDS
BROOKLYN	S102672223	MILL BASIN CANAL FLATBUSH	MILL BASIN CANAL FLATBUSH		NY Spills
BROOKLYN	S102143913	GOWANS CANAL	MOUTH-GOWANUS CANAL		NY Spills
BROOKLYN	S103938724	MAN HOLE #1501	NEPTUNE AV / W 2ND ST		NY Spills
BROOKLYN	S104283157	VAULT 4412	NEVIN ST/BUTLER ST		NY Spills
BROOKLYN	S102239310	NEVINS ST	NEVINS ST		NY Spills
BROOKLYN	S104283155	VAULT 4500	NEVINS ST / BULTER ST		NY Spills
BROOKLYN	S104651796	TM 105	NEVINS ST / CAROL ST		NY Spills
BROOKLYN	1004762002	NYCDEP - SHAFT 16A	NEVINS AVE & STATE ST	11201	RCRIS-SQG, FINDS
BROOKLYN	S104510391	TM# 2464	NORTHSIDE AVE Z/WEST 2ND		NY Spills
BROOKLYN	S103936168	BEHIND WHITMAN DR	OHIO STATE WALK/E 66TH ST		NY Spills
BROOKLYN	S104652619	MANHOLE 6062	OVINGTON AVE+3RD AVE		NY Spills
BROOKLYN	S104495914	38 PAERDEMAT 3RD ST	38 PAERDEAMT 3RD ST		NY Spills
BROOKLYN	S105265264	PEREZ INTERBORO ASPHALT C	99 PAIDGE AVENUE		SWF/LF
BROOKLYN	S105235346	VS # 3248	PRESIDENT ST/PROSPECT PK		NY Spills
BROOKLYN	99623441	EAST RIVER SOUTH OF GOWANUS GAS TURBINE SITE AT 29TH ST AND	EAST RIVER SOUTH OF GOWANUS GAS TURBI SITE AT 29TH ST AND		ERNS
BROOKLYN	S104647144		RODNEY ST NEAR S 1ST ST		NY Spills
BROOKLYN	S103573460	VERRAZANO BRIDGE	RT.278		NY Spills
BROOKLYN	S103935975	MANHOLE #43243	WEST SIDE UNION AVE		NY Spills
BROOKLYN	S105141518	GOWANAS CANAL	SMIT ST		NY Spills
BROOKLYN	S102143752	SMITH STREET	SMITH STREET		NY Spills, SWF/LF
BROOKLYN	S103275163	ENG CO. 221 - 161 SOUTH	2ND ST		NY Spills
BROOKLYN	S104790058	BROOKLYN WEST 6	138 11TH ST(127 2ND AVE)		NY Spills
BROOKLYN	S103271767	335 81ST ST/3RD & 4TH AVE	335 81ST ST/3RD / 4HT AVE		NY Spills
BROOKLYN	1004759588	NYC BD OF ED - PUBLIC SCHOOL 369 BKLYN	887 STATE ST	11217	RCRIS-SQG, FINDS
BROOKLYN	S104073434	GOWANUS SUB STATION	27 TH STREET / 3RD AVE		NY Spills
BROOKLYN	S104283992	MANHOLE 4932	UNION AV		NY Spills
BROOKLYN	S104787584	MAN HOLE #4934	UNION AVE / KEAP ST		NY Spills
BROOKLYN	S104653924	MONTROSE AV	UNION AV		NY Spills
BROOKLYN	S103484783	VAULT #2720	WHITE AVE/N OF N 3RD ST		NY Spills
BROOKLYN	S102872853	BUG, FULTON MUNICIPAL WORKS	WILLIAM, DEGRAW, AND SACKET ST	11201	HSWDS
BROOKLYN	1003863848	BKLYN UNION GAS /FULTON MUNI WORK	WILLIAMS DE GRAW /SACKETT STS	11201	CERC-NFRAP
BROOKLYN	S104654007	SB 45173	WILMINTON AVE/3RD AVE		NY Spills
BROOKLYN	S104194939	TM 2470	YORK STATE / HUDSON AVE		NY Spills

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: 10/24/02
Date Made Active at EDR: 12/09/02
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 11/04/02
Elapsed ASTM days: 35
Date of Last EDR Contact: 11/04/02

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 8
Telephone: 303-312-6774

EPA Region 4
Telephone 404-562-8033

Proposed NPL: Proposed National Priority List Sites
Source: EPA
Telephone: N/A

Date of Government Version: 10/24/02
Date Made Active at EDR: 12/09/02
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 11/04/02
Elapsed ASTM days: 35
Date of Last EDR Contact: 11/04/02

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: 08/15/02
Date Made Active at EDR: 10/28/02
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/23/02
Elapsed ASTM days: 35
Date of Last EDR Contact: 09/23/02

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: 09/15/02
Date Made Active at EDR: 10/28/02
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 10/03/02
Elapsed ASTM days: 25
Date of Last EDR Contact: 09/23/02

CORRACTS: Corrective Action Report
Source: EPA
Telephone: 800-424-9346
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 05/02/02
Date Made Active at EDR: 07/15/02
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 05/06/02
Elapsed ASTM days: 70
Date of Last EDR Contact: 09/09/02

RCRIS: Resource Conservation and Recovery Information System
Source: EPA/NTIS
Telephone: 800-424-9346
Resource Conservation and Recovery Information System. RCRIS 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).

Date of Government Version: 09/09/02
Date Made Active at EDR: 10/28/02
Database Release Frequency: Varies

Date of Data Arrival at EDR: 09/24/02
Elapsed ASTM days: 34
Date of Last EDR Contact: 09/24/02

ERNS: Emergency Response Notification System
Source: EPA/NTIS
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: 12/31/01
Date Made Active at EDR: 07/15/02
Database Release Frequency: Varies

Date of Data Arrival at EDR: 07/02/02
Elapsed ASTM days: 13
Date of Last EDR Contact: 10/28/02

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: 12/31/99
Database Release Frequency: Biennially

Date of Last EDR Contact: 09/16/02
Date of Next Scheduled EDR Contact: 12/16/02

CONSENT: Superfund (CERCLA) Consent Decrees
Source: EPA Regional Offices
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.

Date of Government Version: N/A
Database Release Frequency: Varies

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

ROD: Records Of Decision
Source: EPA
Telephone: 703-416-0223
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: 12/21/01
Database Release Frequency: Annually

Date of Last EDR Contact: 10/07/02
Date of Next Scheduled EDR Contact: 01/06/03

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: 10/18/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 11/04/02
Date of Next Scheduled EDR Contact: 02/03/03

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: 10/10/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/07/02
Date of Next Scheduled EDR Contact: 01/06/03

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: 07/31/02
Database Release Frequency: Annually

Date of Last EDR Contact: 10/21/02
Date of Next Scheduled EDR Contact: 01/20/03

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: 10/21/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/08/02
Date of Next Scheduled EDR Contact: 01/06/03

MINES: Mines Master Index File
Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959

Date of Government Version: 09/10/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/30/02
Date of Next Scheduled EDR Contact: 12/30/02

NPL LIENS: Federal Superfund Liens
Source: EPA
Telephone: 205-564-4267
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 receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91
Database Release Frequency: No Update Planned
Date of Last EDR Contact: 11/25/02
Date of Next Scheduled EDR Contact: 02/24/03

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: 06/28/02
Database Release Frequency: Annually
Date of Last EDR Contact: 11/13/02
Date of Next Scheduled EDR Contact: 02/10/03

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: 04/17/95
Database Release Frequency: No Update Planned
Date of Last EDR Contact: 09/10/02
Date of Next Scheduled EDR Contact: 12/09/02

TRIS: Toxic Chemical Release Inventory System
Source: EPA
Telephone: 202-260-1531
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: 12/31/00
Database Release Frequency: Annually
Date of Last EDR Contact: 09/24/02
Date of Next Scheduled EDR Contact: 12/23/02

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: 12/31/98
Database Release Frequency: Every 4 Years
Date of Last EDR Contact: 09/09/02
Date of Next Scheduled EDR Contact: 12/09/02

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: 04/25/02
Database Release Frequency: Quarterly
Date of Last EDR Contact: 09/24/02
Date of Next Scheduled EDR Contact: 12/23/02

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: 12/31/00
Database Release Frequency: Annually
Date of Last EDR Contact: 10/22/02
Date of Next Scheduled EDR Contact: 01/20/03

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/25/02
Database Release Frequency: Quarterly
Date of Last EDR Contact: 09/24/02
Date of Next Scheduled EDR Contact: 12/23/02

STATE OF NEW YORK ASTM STANDARD RECORDS

SHWS: Inactive Hazardous Waste Disposal Sites in New York State
Source: Department of Environmental Conservation
Telephone: 518-402-9553
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: 04/01/02
Date Made Active at EDR: 11/12/02
Database Release Frequency: Annually
Date of Data Arrival at EDR: 10/22/02
Elapsed ASTM days: 21
Date of Last EDR Contact: 11/25/02

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: 12/31/01
Date Made Active at EDR: 04/18/02
Database Release Frequency: Semi-Annually
Date of Data Arrival at EDR: 03/28/02
Elapsed ASTM days: 21
Date of Last EDR Contact: 11/05/02

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: 01/01/02
Date Made Active at EDR: 03/22/02
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 02/20/02
Elapsed ASTM days: 30
Date of Last EDR Contact: 10/29/02

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: 01/01/02
Date Made Active at EDR: 03/22/02
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 02/20/02
Elapsed ASTM days: 30
Date of Last EDR Contact: 10/29/02

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: 01/01/02
Date Made Active at EDR: 03/22/02
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 02/20/02
Elapsed ASTM days: 30
Date of Last EDR Contact: 10/29/02

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: 01/01/02
Date Made Active at EDR: 03/22/02
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 02/20/02
Elapsed ASTM days: 30
Date of Last EDR Contact: 10/29/02

VCP: Voluntary Cleanup Agreements
Source: Department of Environmental Conservation
Telephone: 518-402-9711
The voluntary remedial program uses private monies to get contaminated sites r emediated to levels allowing for the sites' productive use. The program covers virtually any kind of site and contamination.

Date of Government Version: 09/27/02
Date Made Active at EDR: 10/30/02
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 09/30/02
Elapsed ASTM days: 30
Date of Last EDR Contact: 09/17/02

SWRCY: Registered Recycling Facility List
Source: Department of Environmental Conservation
Telephone: 518-402-8705
A listing of recycling facilities.

Date of Government Version: 07/17/00
Date Made Active at EDR: 09/13/00
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 08/24/00
Elapsed ASTM days: 20
Date of Last EDR Contact: 11/21/02

SWTIRE: Registered Waste Tire Storage & Facility List
Source: Department of Environmental Conservation
Telephone: 518-402-8694

Date of Government Version: 09/01/01
Date Made Active at EDR: 11/30/01
Database Release Frequency: Annually

Date of Data Arrival at EDR: 11/19/01
Elapsed ASTM days: 11
Date of Last EDR Contact: 11/20/02

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 which U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared.

Date of Government Version: 09/01/02
Database Release Frequency: Annually

Date of Last EDR Contact: 12/02/02
Date of Next Scheduled EDR Contact: 03/03/03

AST: Petroleum Bulk Storage
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Registered Aboveground Storage Tanks.

Date of Government Version: 01/01/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/29/02
Date of Next Scheduled EDR Contact: 01/27/03

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: 01/01/02
Database Release Frequency: Quarterly
Date of Last EDR Contact: 10/29/02
Date of Next Scheduled EDR Contact: 01/27/03

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
Database Release Frequency: Quarterly
Date of Last EDR Contact: 10/29/02
Date of Next Scheduled EDR Contact: 01/27/03

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: 01/01/02
Database Release Frequency: Quarterly
Date of Last EDR Contact: 10/29/02
Date of Next Scheduled EDR Contact: 01/27/03

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: 04/01/02
Database Release Frequency: Annually
Date of Last EDR Contact: 12/02/02
Date of Next Scheduled EDR Contact: 03/03/03

LOCAL RECORDS

CORTLAND COUNTY:

Cortland County Storage Tank Listing
Source: Cortland County Health Department
Telephone: 607-753-5035

Date of Government Version: 11/15/02
Database Release Frequency: Quarterly
Date of Last EDR Contact: 12/03/02
Date of Next Scheduled EDR Contact: 03/03/03

Cortland County Storage Tank Listing
Source: Cortland County Health Department
Telephone: 607-753-5035

Date of Government Version: 11/15/02
Database Release Frequency: Quarterly
Date of Last EDR Contact: 12/02/02
Date of Next Scheduled EDR Contact: 03/03/03

NASSAU COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Registered Tank Database
Source: Nassau County Health Department
Telephone: 516-571-3314

Date of Government Version: 08/13/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/01/02
Date of Next Scheduled EDR Contact: 02/03/03

Registered Tank Database
Source: Nassau County Health Department
Telephone: 516-571-3314

Date of Government Version: 08/13/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/01/02
Date of Next Scheduled EDR Contact: 02/03/03

Storage Tank Database
Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000

Date of Government Version: N/A
Database Release Frequency: Varies

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

Storage Tank Database
Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000

Date of Government Version: 02/19/02
Database Release Frequency: Varies

Date of Last EDR Contact: 11/22/02
Date of Next Scheduled EDR Contact: 02/10/03

ROCKLAND COUNTY:

Petroleum Bulk Storage Database
Source: Rockland County Health Department
Telephone: 914-364-2605

Date of Government Version: 10/24/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/08/02
Date of Next Scheduled EDR Contact: 01/06/03

Petroleum Bulk Storage Database
Source: Rockland County Health Department
Telephone: 914-364-2605

Date of Government Version: 10/24/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/08/02
Date of Next Scheduled EDR Contact: 01/06/03

SUFFOLK COUNTY:

Storage Tank Database
Source: Suffolk County Department of Health Services
Telephone: 631-854-2521

Date of Government Version: 12/31/01
Database Release Frequency: Annually

Date of Last EDR Contact: 12/04/02
Date of Next Scheduled EDR Contact: 03/03/03

Storage Tank Database
Source: Suffolk County Department of Health Services
Telephone: 631-854-2521

Date of Government Version: 12/31/01
Database Release Frequency: Annually

Date of Last EDR Contact: 12/04/02
Date of Next Scheduled EDR Contact: 03/03/03

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/01/02
Database Release Frequency: Varies

Date of Last EDR Contact: 12/02/02
Date of Next Scheduled EDR Contact: 03/03/03

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: 06/01/02
Database Release Frequency: Varies

Date of Last EDR Contact: 12/02/02
Date of Next Scheduled EDR Contact: 03/03/03

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.

Disclaimer Provided by Real Property Scan, Inc.

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

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/Electrical Transmission Lines: 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 and electrical transmission lines.

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.

Flood Zone Data: This data, available in select counties across the country, was obtained 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

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GEOCHECK®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

GOWANUS CANAL
510 SACKETT STREET
BROOKLYN, NY 11217

TARGET PROPERTY COORDINATES

Latitude (North):	40.680199 - 40° 40' 48.7"
Longitude (West):	73.988197 - 73° 59' 17.5"
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	585506.9
UTM Y (Meters):	4503538.0

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata. EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

USGS TOPOGRAPHIC MAP ASSOCIATED WITH THIS SITE

Target Property: 2440073-F8 BROOKLYN, NY
Source: USGS 7.5 min quad index

GENERAL TOPOGRAPHIC GRADIENT AT TARGET PROPERTY

Target Property: General ENE

Source: General Topographic Gradient has been determined from the USGS 1 Degree 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.

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
KINGS, NY	Not Available

Flood Plain Panel at Target Property: 3604970063B

Additional Panels in search area: 3604970055B
3604970062B
3604970072B
3604970073B

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
BROOKLYN	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Site-Specific Hydrogeological Data*:

Search Radius:	2.0 miles
Location Relative to TP:	0 - 1/8 Mile WSW
Site Name:	Vidan Auto Salvage
Site EPA ID Number:	NYD986961167
Groundwater Flow Direction:	SW TOWARD THE NARROWS.
Inferred Depth to Water:	approximately 38 feet.
Hydraulic Connection:	The surficial aquifer and underlying aquifer are hydraulically connected.
Sole Source Aquifer:	No information about a sole source aquifer is available
Data Quality:	Information is inferred in the CERCLIS investigation report(s)

AQUIFLOW®

Search Radius: 2.000 Miles.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Mesozoic
System:	Cretaceous
Series:	Upper Cretaceous
Code:	uK *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

The EDR-Aerial Photography Print Service

Gowanus Canal
510 Sackett Street
Brooklyn, NY 11217

October 28, 2002

Inquiry Number: 871320-7

Environmental Data Resources, Inc.

The Source For Environmental Risk Management Data

3530 Post Road
Southport, Connecticut 06490

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802

Environmental Data Resources, Inc.
Aerial Photography Print Service

Environmental Data Resources, Inc.'s (EDR) Aerial Photography Print Service is a screening tool designed to assist professionals in evaluating potential liability on a target property resulting from past activities. ASTM E 1527-00, Section 7.3 on Historical Use Information, identifies the prior use requirements for a Phase I environmental site assessment. The ASTM standard requires a review of *reasonably ascertainable standard historical sources. Reasonably ascertainable means information that is publicly available, obtainable from a source with reasonable time and cost constraints, and practically reviewable.*

To meet the prior use requirements of ASTM E 1527-00, Section 7.3.4, the following *standard historical sources* may be used: aerial photographs, fire insurance maps, property tax files, land title records (although these cannot be the sole historical source consulted), topographic maps, city directories, building department records, or zoning/land use records. ASTM E 1527-00 requires *"All obvious uses of the property shall be identified from the present, back to the property's obvious first developed use, or back to 1940, whichever is earlier. This task requires reviewing only as many of the standard historical sources as are necessary, and that are reasonably ascertainable and likely to be useful."* (ASTM E 1527-00, Section 7.3.4, page 12.

Aerial Photographs
Aerial photographs are a valuable historical resource for documenting past land use and can be particularly helpful when other historical sources (such as city directories or fire insurance maps) are not reasonably ascertainable. The EDR Aerial Photograph Print Service includes a search of aerial photograph collections flown by public and private agencies for the state of New York. EDR's professional field-based researchers provide digitally reproduced historical aerial photographs at approximately ten year intervals.

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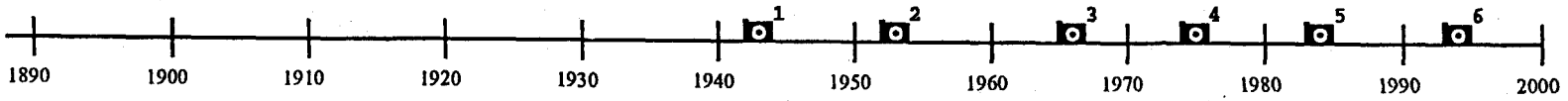
Environmental Data Resources, Inc.

Prior Use Report® Timeline

Target Property



Legend:

= Historical Topographic Map (HT)

= National Wetland Inventory Map (WT) *

= Flood Prone/FEMA Maps (FP/FR) *

= Aerial Photos Included (P) *

= Aerial Photos Available *

= Residential (R)

= Commercial or Industrial (C)

Superscript number corresponds to graph ID in text

**Displayed on timeline when aerial photos, flood prone, FEMA, wetland maps, or Aerial Research Summary are purchased.*

Target Property: Gowanus Canal
Address: 510 Sackett Street
City/State/Zip: Brooklyn, NY 11217

Customer: Galli Engineering PC
Contact: Bill Conroy
Inquiry #: 871320-7
Date: 10/28/02

4. SUMMARY

- *Aerial Photographs:*

Date EDR Searched Historical Sources:
Aerial Photography October 28, 2002

Target Property:
510 Sackett Street
Brooklyn, NY 11217

PUR ID *Year*	*Uses*	*Portion-Findings (FIM Information Only)*	*Source*
1 1943	Aerial Photograph. Scale: 1"=750'	Panel #: 2440073-F8/Flightdate: December 23, 1943	nar
2 1953	Aerial Photograph. Scale: 1"=750'	Panel #: 2440073-F8/Flightdate: December 5, 1953	nar
3 1966	Aerial Photograph. Scale: 1"=750'	Panel #: 2440073-F8/Flightdate: February 23, 1966	nar
4 1975	Aerial Photograph. Scale: 1"=750'	Panel #: 2440073-F8/Flightdate: April 1, 1975	nar
5 1984	Aerial Photograph. Scale: 1"=750'	Panel #: 2440073-F8/Flightdate: April 27, 1984	nar
6 1994	Aerial Photograph. Scale: 1"=833'	Panel #: 2440073-F8/Flightdate: April 4, 1994	nar

Glossary of Terms

A.A.A.

Aerial photograph flyer: Agriculture Adjustment Administration (Federal).

A.S.C.S

Aerial photograph flyer: Agricultural Stabilization and Conservation Service (Federal)

Address in Research Source

Indicates that a property is listed at a different address than the one provided by the user. Generally occurs when a property is located on a corner or, when the physical address of a property is different than its mailing address.

Address Not Listed in Research Source

Occurs when a specific site address is not listed in city directories and/or fire insurance maps.

Adjoining

Any property that is contiguous, or a property that would be contiguous if not for a public thoroughfare, to the target property. *To differentiate from each adjoining property, stand at the target property's "front door" facing the street.*

Adjoining Back

Property directly to the rear of the target property. (Applies only to fire insurance map data.)

Adjoining Front

Property directly in front of the target property. (Applies only to fire insurance map data.)

Adjoining Left

Property directly to the left of the target property. (Applies only to fire insurance map data.)

Adjoining Right

Property directly to the right of the target property. (Applies only to fire insurance map data.)

Adjoining Surrounding Area

Property that may adjoin the target property but due to lack of specific map information cannot be located precisely. This situation typically occurs when city directory information, but not fire insurance map information, is available.

C.A.S

Aerial photograph flyer: Chicago Aerial Survey (private).

C.S.S.

Aerial photograph flyer: Commodity Stabilization Service (Federal).

Cartwright

Aerial photograph flyer: Cartwright (private)

CD

City Directory

Commercial

Any property including, but not limited to, property used for industrial, retail, office, agricultural, other commercial, medical, or educational purposes; property used for residential purposes that has more than four residential dwelling units.

Commercial or Industrial

Property that has either a commercial *or* an industrial use. Examples include retail stores, manufacturing facilities, factories, and apartment buildings.

D.N.R.

Aerial photograph flyer: Department of National Resources (state).

D.O.T.

Aerial photograph flyer: Department of Transportation (state).

Fairchild

Aerial photograph flyer: Fairchild (private).

FIM

Fire Insurance Map

Flood Insurance Rate Maps

Flood Insurance Rate Maps are produced by the Federal Emergency Management Agency (FEMA). These maps indicate special flood hazard areas, base flood elevations and flood insurance risk zones.

Flood Prone Area Maps

Flood Prone Area maps are produced by the United States Geological Survey (USGS). Areas identified as flood prone have been determined by available information gathered from past floods.

F.S.

Aerial photograph flyer: Forest Service (Federal).

Geonex

Aerial photograph flyer: Geonex (private).

M.C.

Aerial photograph flyer: Metropolitan Council of the Twin Cities Area (state).

Mark Hurd

Aerial photograph flyer: Mark Hurd (private)

N.A.P.P.

Aerial photograph flyer: National Aerial Photography Program (Federal).

National Wetland Inventory Maps

National Wetland Inventory Maps are produced by the U.S. Fish and Wildlife Service, a division of the U.S. Department of the Interior. Wetland and deepwater habitat information is identified on a 7.5 minute U.S.G.S. topographic map. The classification system used categorizes these habitats into five systems: marine, estuarine, riverine, lacustrine and palustrine.

No Return

Indicates that site owner was unavailable at time of surveyor's contact. *(Applies only to city directories.)*

No Structure Identified on Parcel

Used when site boundaries and/or site address is indicated on a fire insurance map; no structure details exist.

Other

Occurs when the site's classification is different that EDR's standard categories. Examples may include undeveloped land and buildings with no specified function.

P.M.A.

Aerial photograph flyer: Production and Marketing Administration (Federal).

Pacific Aerial

Aerial photograph flyer: Pacific Aerial (private)

Portion

Refers to the fire insurance map information identified on the four quadrants of a target or adjoining property. The portions are referred to as *Frontright*, *Frontleft*, *Backright*, and *Backleft* and are determined as if one were standing at the front door, facing the street.

Property Not Defined

Used when property is not clearly demarcated on a fire insurance map.

Residential

Any property having fewer than five dwelling units used exclusively for residential purposes.

Residential with Commercial Uses (a.k.a. Multiple Purpose Address)

A business (firm) and residence at the same address. Examples include a doctor, attorney, etc. working out of his/her home.

Sidwell

Aerial photograph flyer: Sidwell (private).

Site Not Mapped

Occurs when an adjoining property has not been mapped by fire insurance map surveyors. (Applies only to fire insurance map data

Teledyne

Aerial photograph flyer: Teledyne (private)

Topographic Maps

Topographic maps are produced by the United States Geological Survey (USGS). These maps are color coded line and symbol representations of natural and selected artificial features plotted to scale.

Turnbow

Aerial photograph flyer: Michael Turnbow (private)

U.S.D.A.
Aerial photograph flyer: United States Department of Agriculture (Federal).

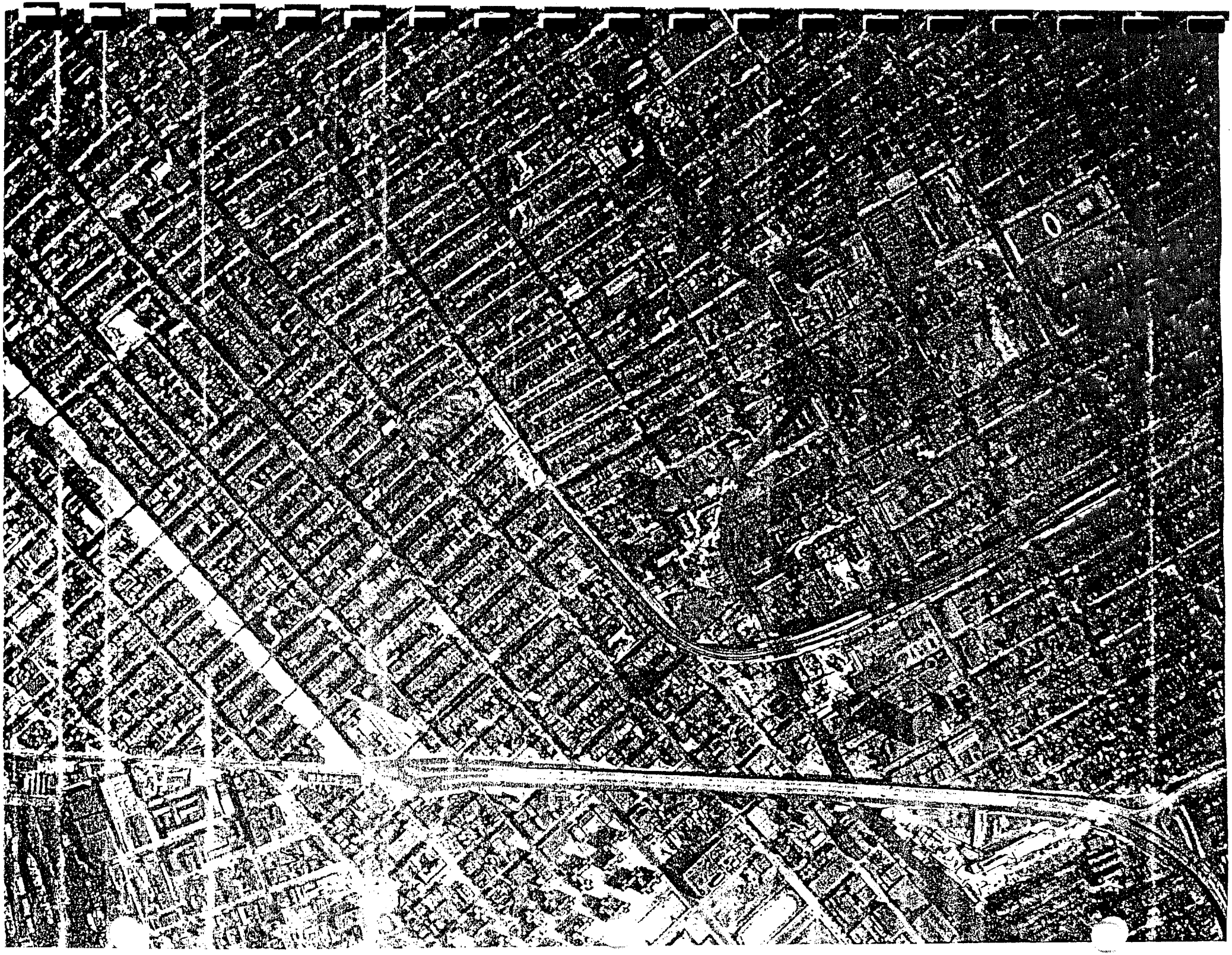
U.S.D.I.
Aerial photograph flyer: United States Department of the Interior (Federal).

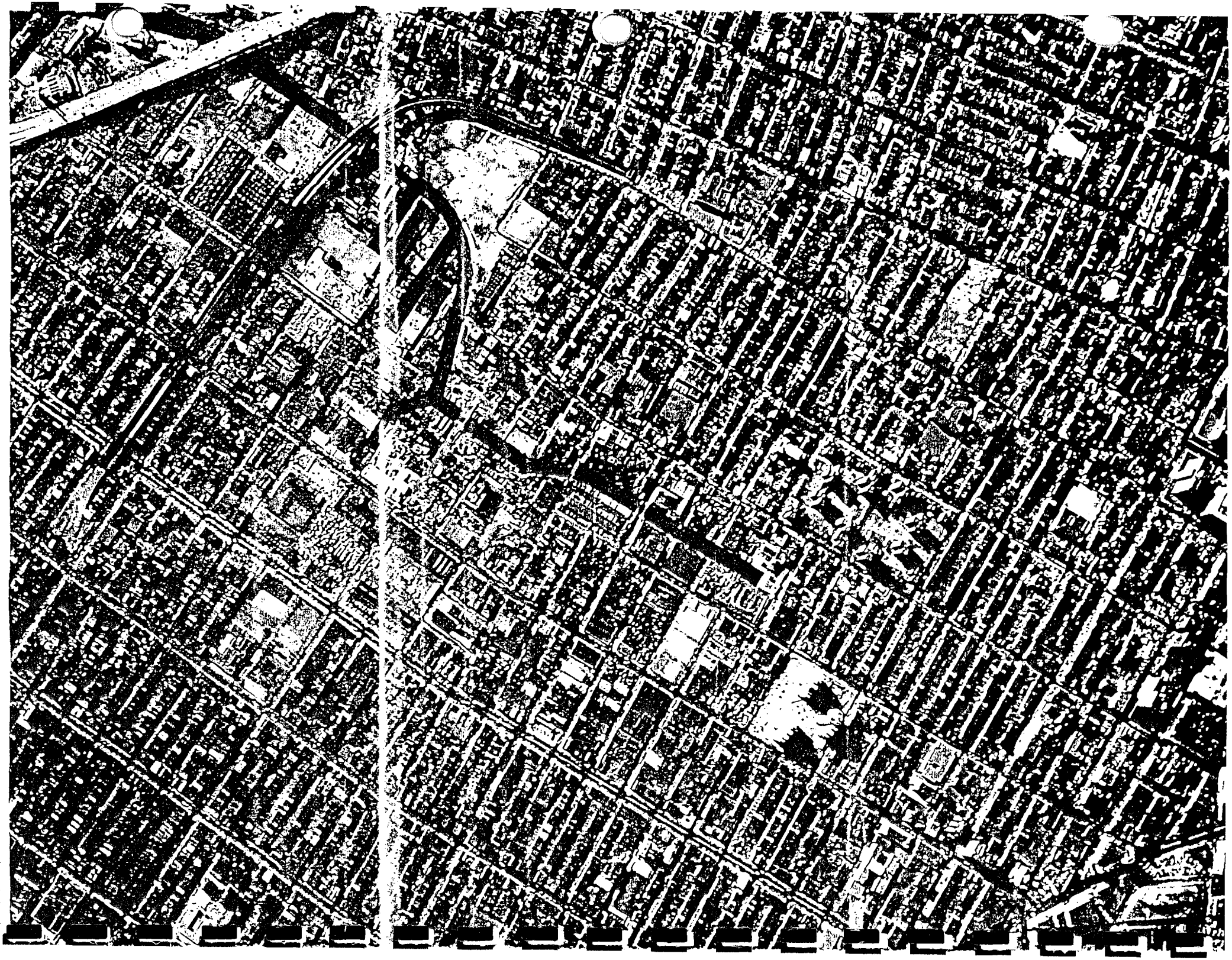
U.S.G.S.
Aerial photograph flyer: United States Geological Survey (Federal).

Vacant
May refer to an unoccupied structure or land. *Used only when fire insurance map or city directory specifies 'vacant.'*

W.P.A.
Aerial photograph flyer: Works Progress Administration (Federal).

WALLACE
Aerial photograph flyer: Wallace (private).





APPENDIX F

SITE PLAN

APPENDIX G

ANALYTICAL DATA REPORT BY ACCREDITED LABORATORIES, INC.

ACCREDITED LABORATORIES, INC.

Implementing Tomorrow's Technology, Today™....

Analytical Data Report

for

Galli Engineering
734 Walt Whitman Rd.
Melville, NY 11747

Project: Gowanus Canal, L L C

Accredited Laboratories Case No.: 8255
Date Received: 11/06/02

Field ID	Laboratory Sample #
7-A	200214295
1-A	200214296
5-A	200214297
8-A	200214298
3-A	200214299
7-S	200214300
1-S	200214301
5-S	200214302
8-S	200214303
3-S	200214304

Accredited Laboratories, Inc. New York Certification Number 11109. This data has been reviewed and accepted by:

Theodore C. Gaydos
Technical Director

(732) 541-2025

CORPORATE OFFICES
20 Pershing Avenue
Carteret, New Jersey 07008

FAX (732) 541-1383

Total pages 283

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ACCREDITED LABORATORIES, INC.
20 PERSHING AVENUE
CARTERET, NEW JERSEY 07008
PHONE (732) 541-2025 FAX (732) 541-1383

CHAIN OF CUSTODY FORM

STATE AGENCY NJ (NY) PA CT DE OTHER ____

CLIENT	Galli Engineering, P.C.	PROJECT	Gowanus Canal, LLC
ADDRESS	734 Walt Whitman Rd, Ste 402A	CONTACT	Bill Conroy
CITY	Melville	PHONE	631-271-9292
STATE	NY ZIP 11747	FAX	631-271-9345

ALI SAMPLE #	FIELD ID	*C	**M	DATE / TIME SAMPLED	SAMPLE DESCRIPTION	ANALYSIS
0214295	7 -A	3	A	11.4.02 1440	Groundwater	VOC, SVOC
0214296	1 -A	4	A	11.4.02 1620	Groundwater	VOC, SVOC, PPM
0214297	5 -A	4	A	11.5.02 0935	Groundwater	VOC, SVOC, PPM
0214298	8 -A	3	A	11.5.02 1049	Groundwater	VOC, SVOC
0214299	3 -A	3	A	11.5.02 1145	Groundwater	VOC, SVOC
0214300	7 -S	2	S	11.4.02 1415	Soil	VOC, SVOC, PPM
0214301	1 -S	2	S	11.4.02 1535	Soil	VOC, SVOC, PPM
0214302	5 -S	2	S	11.5.02 0935	Soil	VOC, SVOC, PPM
0214303	8 -S	2	S	11.5.02 1049	Soil	VOC, SVOC, PPM
0214304	3 -S	2	S	11.5.02 1122	Soil	VOC, SVOC, PPM

**M = MATRIX A=AQUEOUS S=SOIL G=SLUDGE P=POTABLE WATER O=OIL F=FILTER K=SOLID X=OTHER

*C = NO. CONTAINERS TURNAROUND: Std (If Blank, Std. 3 weeks)

DELIVERABLES (circle one) STD (REDUCED) FULL OTHER ____

RELINQUISHED BY: PRINT	SIGN	RECEIVED BY: PRINT	SIGN	ORGANIZATION	DATE	TIME	REASON
Bill Conroy	Bill Conroy			Galli	11/6/02	1056	
Matt Fitch	[signature]	MATT Fitch	Matt Fitch	ALI	11/6/02	1056	
		Jason [signature]	[signature]	ALI	11/6/02		[signature]

PERSON(S) ASSUMING RESPONSIBILITY FOR SAMPLING: PRINT: Bill Conroy SIGN: Bill Conroy

COMMENTS: All Samples Preserved With Ice MF

[signature]

ALI QUOTE#	
ALI CASE#	8255
P.O.#	

METHODOLOGY SUMMARY

Volatile Organics - EPA 8260 (aqueous)

Volatile organic compounds are purged from a 5 ml sample by bubbling an inert gas through the aqueous sample. The purgeables are trapped in a sorbent column. When purging is completed, the sorbent column is heated and back-flushed with the inert gas to desorb the purgeables onto a GC column. The GC is temperature-programmed to separate the purgeables which are then detected with a mass spectrometer.

Volatile Organics - EPA 8260 (soil)

An inert gas is purged through a 5 g sample at elevated temperature. Alternatively the soil is extracted with methanol. A portion of extract is spiked into a purging vessel and purged by an inert gas. The vapor is swept through a sorbent column where the purgeables are trapped. After purging is completed, the sorbent column is heated and back-flushed with the inert gas to desorb the purgeables onto a GC column. The GC is temperature programmed to separate the purgeables which are then detected with a mass spectrometer.

Base-Neutral/Acid Extractables - EPA 8270 (aqueous)

A one liter aqueous sample is serially extracted with methylene chloride at a pH greater than 11 and again at a pH less than 2. The methylene chloride extract is dried and concentrated. The extracts are combined and spiked with the internal standards prior to the injection. A measured amount is injected into a GC and the analytes are detected with a mass spectrometer.

Base-Neutral/Acid Extractables - EPA 8270 (soil)

A 30 gram portion of soil is mixed with anhydrous sodium sulfate and is extracted with 1:1 methylene chloride and acetone. The methylene chloride extract is dried and concentrated and a measured amount is injected onto a GC and the analytes are detected with a mass spectrometer.

Metals (aqueous)

A 100 ml portion of aqueous is digested with nitric acid on a hot plate and evaporated to near dryness cautiously. The digestate is then refluxed with either nitric acid or hydrochloric acid. Diluted hydrochloric acid is used as the final reflux acid for the flame AA or ICAP of Ag, Al, Ba, Be, Cd, Cr, Co, Cu, Fe, Pb, Ni, Sb, Sn, Tl and Zn. Diluted nitric acid is employed as the final

dilution acid for the furnace AA analysis of As, Pb and Se. For the graphite furnace analysis, an aliquot of the digestate is spiked with modifier solution and is placed into the graphite furnace. The aliquot is then slowly evaporated to dryness, charred and atomized. The absorption of the EDL radiation during atomization is proportional to the element concentration. For the flame AA, the digestate is aspirated and atomized into a flame. The absorption of the HCL radiation during atomization is proportional to the element concentration. The basis of the ICAP method is the measurement of the atomic emission by an optical spectroscope technique. The emission spectra are dispersed by a grating spectrometer and the intensities of the line are measured and processed by a computer system. For mercury analysis, a 100 ml portion of sample is digested with potassium permanganate and persulfate at acidic conditions in a water bath at 95°C. The mercury in the sample is reduced to the elemental state and detected by the cold vapor technique in a closed system. The analytical procedures associated with the Atomic Absorption technique are derived from "EPA Methods for Chemical Analysis of Water and Wastes" - EPA Method 200 Series. The analytical procedures associated with ICAP techniques are derived from EPA Method 200.7.

Metals (soil)

A 1-5 gram portion of soil is digested with nitric acid and hydrogen peroxide. The digestate is then refluxed with either nitric acid or hydrochloric acid. Diluted hydrochloric acid is used as the final reflux acid for the flame AA or ICAP of Ag, Al, Ba, Be, Cd, Cr, Co, Cu, Fe, Pb, Ni, Sb, Sn, Tl and Zn. Diluted nitric acid is employed as the final dilution acid for the furnace AA analysis of As, Pb and Se. For the graphite furnace analysis, an aliquot of the digestate is spiked with nickel nitrate solution and is placed into the graphite furnace. The aliquot is then slowly evaporated to dryness, charred and atomized. The absorption of the EDL radiation during atomization is proportional to the element concentration. For the flame AA, the digestate is aspirated and atomized in a flame. The absorption of the HCL radiation during atomization is proportional to the element concentration. The basis of ICAP method is the measurement of atomic emission by an optical spectroscope technique. The emission spectra are dispersed by a grating spectrometer and the intensities of the line are measured and processed by a computer system. For mercury analysis, a 0.5-1.0 gram portion of sample is digested with potassium permanganate and persulfate at acidic condition in a water bath at 95°C. The mercury in the sample is reduced to the elemental state and detected by the cold vapor technique in a closed system. The analytical procedures are derived from "EPA Methods for Evaluating Solid Waste, 3rd Edition, 1986" The AA technique is specified in Method 7000 series. The ICAP technique is specified in Method 6010.

ACCREDITED LABORATORIES, INC.
VOLATILE ORGANIC ANALYSIS DATA

CASE NUMBER	8255	MATRIX	Aqueous
SAMPLE NUMBER	0214295	DILUTION FACTOR	1.0
ATA FILE	>03728	DATE EXTRACTED	
CLIENT NAME	GE	DATE ANALYZED	11/14/82
FIELD ID	7-A	ANALYZED BY	ATEF

CAS #	COMPOUND	UG/L		MDL
107028	Acrolein	U		25
107131	Acrylonitrile	U		8
[illegible]	Dichlorodifluoromethane	U		5
74873	Chloromethane	U		5
75014	Vinyl Chloride	U		5
74839	Bromomethane	U		5
75003	Chloroethane	U		5
75694	Trichlorofluoromethane	U		5
75354	1,1-Dichloroethene	U		5
75092	Methylene Chloride	8	B	5
156605	trans-1,2-Dichloroethene	U		5
75343	1,1-Dichloroethane	U		5
590207	2,2-Dichloropropane	U		5
156592	cis-1,2-Dichloroethene	U		5
67663	Chloroform	U		5
74975	Bromochloromethane	U		5
71556	1,1,1-Trichloroethane	U		5
563586	1,1-Dichloropropene	U		5
56235	Carbon Tetrachloride	U		5
107062	1,2-Dichloroethane	U		5
71432	Benzene	U		5
79016	Trichloroethene	U		5
78875	1,2-Dichloropropane	U		5
75274	Bromodichloromethane	U		5
74953	Dibromomethane	U		5
10061015	cis-1,3-dichloropropene	U		5
108883	Toluene	U		5
10061026	trans-1,3-Dichloropropene	U		5
79005	1,1,2-Trichloroethane	U		5
142289	1,3-dichloropropane	U		5
127184	Tetrachloroethene	U		5
124481	Dibromochloromethane	U		5
106934	1,2-Dibromoethane	U		5
100414	Ethylbenzene	U		5

CAS #	COMPOUND	UG/L		MDL
108907	Chlorobenzene	U		5
630206	1,1,1,2-Tetrachloroethane	U		5
1330207	m,p-Xylene	U		10
100425	Styrene	U		5
98828	Isopropylbenzene	U		5
75252	Bromoform	U		5
79345	1,1,2,2-Tetrachloroethane	U		5
96184	1,2,3-Trichloropropane	U		5
103651	n-Propyl benzene	U		5
108861	Bromobenzene	U		5
108678	1,3,5-Trimethylbenzene	U		5
95498	2-Chlorotoluene	U		5
106434	4-Chlorotoluene	U		5
98066	tert-Butylbenzene	U		5
95636	1,2,4-Trimethylbenzene	U		5
135988	sec-Butylbenzene	U		5
99871	p-Isopropyltoluene	1	J	5
541731	1,3-Dichlorobenzene	U		5
106467	1,4-Dichlorobenzene	U		5
104519	n-Butylbenzene	U		5
95501	1,2-Dichlorobenzene	U		5
96128	1,2-Dibromo-3-Chloropropane	U		5
120821	1,2,4-Trichlorobenzene	U		5
87683	Hexachlorobutadiene	U		5
87616	1,2,3-Trichlorobenzene	U		5
95476	o-Xylene	U		5
75150	Carbon disulfide	U		5
110758	2-Chloroethylvinylether	U		5
67641	Acetone	U		5
108054	Vinyl acetate	U		5
789335	2-Butanone	U		5
108101	4-Methyl-2-pentanone	U		5
591786	2-Hexanone	U		5

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	112 %	76-114	OK
Toluene-d8	103 %	88-110	OK
Bromofluorobenzene	107 %	86-115	OK

J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Indicates result exceeds highest calibration standard

ACCREDITED LABORATORIES, INC.
VOLATILE ORGANIC ANALYSIS DATA

CASE NUMBER	8255	MATRIX	Aqueous
SAMPLE NUMBER	0714796	DILUTION FACTOR	1.0
DATA FILE	>03729	DATE EXTRACTED	
CLIENT NAME	GE	DATE ANALYZED	11/14/92
FIELD ID	1-A	ANALYZED BY	ATEF

CAS #	COMPOUND	UG/L	MDL
107028	Acrolein	U	25
107131	Acrylonitrile	U	5
75718	Dichlorodifluoromethane	U	5
74873	Chloromethane	U	5
75014	Vinyl Chloride	U	5
74839	Bromomethane	U	5
75003	Chloroethane	U	5
75694	Trichlorofluoromethane	U	5
75354	1,1-Dichloroethene	U	5
75092	Methylene Chloride	U	5
156605	trans-1,2-Dichloroethene	U	5
75343	1,1-Dichloroethane	U	5
590207	2,2-Dichloropropane	U	5
156592	cis-1,2-dichloroethene	U	5
67663	Chloroform	U	5
74975	Bromochloromethane	U	5
71556	1,1,1-Trichloroethane	U	5
563586	1,1-Dichloropropene	U	5
56235	Carbon Tetrachloride	U	5
107062	1,2-Dichloroethane	U	5
71432	Benzene	220 E	5
79016	Trichloroethene	U	5
78875	1,2-Dichloropropane	U	5
75274	Bromodichloromethane	U	5
74953	Dibromomethane	U	5
10061015	cis-1,3-dichloropropene	U	5
108883	Toluene	180	5
10061026	trans-1,3-Dichloropropene	U	5
79005	1,1,2-Trichloroethane	U	5
142289	1,3-dichloropropane	U	5
127184	Tetrachloroethene	U	5
124481	Dibromochloromethane	U	5
106934	1,2-Dibromoethane	U	5
100414	Ethylbenzene	400 E	5

CAS #	COMPOUND	UG/L	MDL
108907	Chlorobenzene	U	5
630206	1,1,1,2-Tetrachloroethane	U	5
1330207	m,p-Xylene	520 E	10
100425	Styrene	U	5
98828	Isopropylbenzene	240 E	5
75252	Bromoform	U	5
79345	1,1,2,2-Tetrachloroethane	U	5
96184	1,2,3-Trichloropropane	U	5
103651	n-Propyl benzene	320 E	5
108861	Bromobenzene	U	5
108678	1,3,5-Trimethylbenzene	290 E	5
95498	2-Chlorotoluene	U	5
106434	4-Chlorotoluene	4 J	5
98066	tert-Butylbenzene	U	5
95636	1,2,4-Trimethylbenzene	210 E	5
135988	sec-Butylbenzene	20	5
99876	p-Isopropyltoluene	U	5
541731	1,3-Dichlorobenzene	U	5
106467	1,4-Dichlorobenzene	U	5
104518	n-Butylbenzene	100	5
95501	1,2-Dichlorobenzene	U	5
96128	1,2-Dibromo-3-Chloropropane	U	5
120821	1,2,4-Trichlorobenzene	U	5
87683	Hexachlorobutadiene	U	5
87616	1,2,3-Trichlorobenzene	U	5
95476	o-Xylene	410 E	5
75150	Carbon disulfide	U	5
110758	2-Chloroethylvinylether	U	5
67641	Acetone	U	5
108054	Vinyl acetate	U	5
789333	2-Butanone	U	5
108101	4-Methyl-2-pentanone	U	5
591786	2-Hexanone	U	5

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	119 %	76-114	OUT
Toluene-d8	111 %	88-110	OUT
Bromofluorobenzene	125 %	86-115	OUT

J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected,
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Indicates result exceeds highest calibration standard

ACCREDITED LABORATORIES, INC.
VOLATILE ORGANIC ANALYSIS DATA

CASE NUMBER	6155	MATRIX	Aqueous
SAMPLE NUMBER	02142760L	DILUTION FACTOR	100
DATA FILE	>03764	DATE EXTRACTED	
CLIENT NAME	CF	DATE ANALYZED	11/16/92
FIELD ID	1-A	ANALYZED BY	ATEF

CAS #	COMPOUND	UG/L		MDL
107028	Acrolein	U		2500
107131	Acrylonitrile	U		800
75718	Dichlorodifluoromethane	U		500
74873	Chloromethane	U		500
75014	Vinyl chloride	U		500
74839	Bromomethane	U		500
75003	Chloroethane	U		500
75694	Trichlorofluoromethane	U		500
75354	1,1-Dichloroethene	U		500
75092	Methylene Chloride	U		500
156605	trans-1,2-Dichloroethene	U		500
75343	1,1-Dichloroethane	U		500
590207	2,2-Dichloropropane	U		500
156592	cis-1,2-Dichloroethene	U		500
67663	Chloroform	U		500
74975	Bromochloromethane	U		500
71556	1,1,1-Trichloroethane	U		500
563586	1,1-Dichloropropene	U		500
56235	Carbon Tetrachloride	U		500
107062	1,2-Dichloroethane	U		500
71432	Benzene	220	J D	500
79016	Trichloroethene	U		500
78875	1,2-Dichloropropane	U		500
75274	Bromodichloromethane	U		500
74953	Dibromomethane	U		500
10061015	cis-1,3-dichloropropene	U		500
108883	Toluene	180	J D	500
10061026	trans-1,3-Dichloropropane	U		500
79005	1,1,2-Trichloroethane	U		500
142289	1,3-dichloropropane	U		500
127184	Tetrachloroethene	U		500
124481	Dibromochloromethane	U		500
106934	1,2-Dibromoethane	U		500
100414	Ethylbenzene	2710	D	500

CAS #	COMPOUND	UG/L		MDL
108907	Chlorobenzene	U		500
630206	1,1,1,2-Tetrachloroethane	U		500
1330207	m,p-Xylene	6000	D	1000
100425	Styrene	U		500
98828	Isopropylbenzene	490	J D	500
75252	Bromoform	U		500
79345	1,1,2,2-Tetrachloroethene	U		500
96184	1,2,3-Trichloropropane	U		500
103651	n-Propyl benzene	510	J D	500
108861	Bromobenzene	U		500
108678	1,3,5-Trimethylbenzene	420	J D	500
95498	2-Chlorotoluene	U		500
106434	4-Chlorotoluene	U		500
98066	tert-Butylbenzene	U		500
95636	1,2,4-Trimethylbenzene	2600	D	500
135988	sec-Butylbenzene	U		500
99871	p-Isopropyltoluene	U		500
541731	1,3-Dichlorobenzene	U		500
106467	1,4-Dichlorobenzene	U		500
104518	n-Butylbenzene	U		500
95501	1,2-Dichlorobenzene	U		500
96128	1,2-Dibromo-3-Chloropropane	U		500
120821	1,2,4-Trichlorobenzene	U		500
87683	Hexachlorobutadiene	U		500
87616	1,2,3-Trichlorobenzene	U		500
95476	o-Xylene	530	D	500
75150	Carbon Disulfide	U		500
110758	2-Chloroethylvinylether	U		500
67641	Acetone	U		500
108054	Vinyl acetate	U		500
78933	2-Butanone	U		500
108101	4-Methyl-2-pentanone	U		500
591786	2-Hexanone	U		500

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	111 %	76-114	OK
Toluene-d8	102 %	88-110	OK
Bromofluorobenzene	103 %	86-115	OK

J - Indicates compound concentration found below MDL
U - Indicates compound analyzed for but not detected,
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Indicates result exceeds highest calibration standard

ACCREDITED LABORATORIES, INC.
VOLATILE ORGANIC ANALYSIS DATA

CASE NUMBER	8255	MATRIX	Aqueous
SAMPLE NUMBER	0214297	DILUTION FACTOR	1.0
DATA FILE	>05762	DATE EXTRACTED	
CLIENT NAME	GE	DATE ANALYZED	11/16/92
FIELD ID	5-A	ANALYZED BY	RTEF

CAS #	COMPOUND	UG/L	MDL
107028	Acrolein	U	25
107131	Acrylonitrile	U	8
75718	Dichlorodifluoromethane	U	5
74873	Chloromethane	U	5
75014	Vinyl Chloride	U	5
74839	Bromomethane	U	5
75003	Chloroethane	U	5
75694	Trichlorofluoromethane	U	5
75354	1,1-Dichloroethene	U	5
75092	Methylene Chloride	U	5
156605	trans-1,2-Dichloroethene	U	5
75343	1,1-Dichloroethane	U	5
590207	2,2-Dichloropropane	U	5
156592	cis-1,2-dichloroethene	U	5
67663	Chloroform	U	5
74975	Bromochloromethane	U	5
71556	1,1,1-Trichloroethane	U	5
563586	1,1-Dichloropropene	U	5
56235	Carbon Tetrachloride	U	5
107062	1,2-Dichloroethane	U	5
71432	Benzene	U	5
79016	Trichloroethene	U	5
78875	1,2-Dichloropropane	U	5
75274	Bromodichloromethane	U	5
74953	Dibromomethane	U	5
10061015	cis-1,3-dichloropropene	U	5
108883	Toluene	15	5 ✓
10061026	trans-1,3-Dichloropropene	U	5
79005	1,1,2-Trichloroethane	U	5
142289	1,3-dichloropropane	U	5
127184	Tetrachloroethene	U	5
124481	Dibromochloromethane	U	5
106934	1,2-Dibromoethane	U	5
100414	Ethylbenzene	2 J	5
106907	Chlorobenzene	U	5
630206	1,1,1,2-Tetrachloroethane	U	5
1330207	m,p-Xylene	5 J	10 ✓
100425	Styrene	U	5
98828	Isopropylbenzene	U	5
75252	Bromoform	U	5
79345	1,1,2,2-Tetrachloroethane	U	5
96184	1,2,3-Trichloropropane	U	5
103651	n-Propyl benzene	U	5
108861	Bromobenzene	U	5
108678	1,3,5-Trimethylbenzene	U	5
95498	2-Chlorotoluene	U	5
106434	4-Chlorotoluene	U	5
98066	tert-Butylbenzene	U	5
95636	1,2,4-Trimethylbenzene	3 J	5
135988	sec-Butylbenzene	U	5
99876	p-Isopropyltoluene	U	5
541731	1,3-Dichlorobenzene	U	5
106467	1,4-Dichlorobenzene	U	5
104518	n-Butylbenzene	U	5
95501	1,2-Dichlorobenzene	U	5
96128	1,2-Dibromo-3-Chloropropane	U	5
120821	1,2,4-Trichlorobenzene	U	5
87683	Hexachlorobutadiene	U	5
87616	1,2,3-Trichlorobenzene	U	5
95476	o-Xylene	U	5
75150	Carbon disulfide	U	5
110758	2-Chloroethyl vinyl ether	U	5
67641	Acetone	U	5
108054	Vinyl acetate	U	5
78933	2-Butanone	10	5
108101	4-Methyl-2-pentanone	U	5
591786	2-Hexanone	U	5

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	112 %	76-114	OK
Toluene-d8	103 %	88-110	OK
Bromofluorobenzene	104 %	86-115	OK

J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected,
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Indicates result exceeds highest calibration standard

ACCREDITED LABORATORIES, INC.
VOLATILE ORGANIC ANALYSIS DATA

CASE NUMBER	8255	MATRIX	Aqueous
SAMPLE NUMBER	0214298	DILUTION FACTOR	1.0
TA FILE	:03735	DATE EXTRACTED	
CLIENT NAME	SE	DATE ANALYZED	11/14/87
FIELD ID	B-9	ANALYZED BY	GTEF

CAS #	COMPOUND	UG/L		MDL
107028	Acrolein	U		25
107131	Acrylonitrile	U		6
75718	Dichlorodifluoromethane	U		5
74873	Chloromethane	U		5
75014	Vinyl Chloride	U		5
74839	Bromomethane	U		5
75003	Chloroethane	U		5
75694	Trichlorofluoromethane	U		5
75354	1,1-Dichloroethene	U		5
75092	Methylene Chloride	6	B	5
156605	trans-1,2-Dichloroethene	U		5
75343	1,1-Dichloroethane	U		5
590207	2,2-Dichloropropane	U		5
156592	cis-1,2-dichloroethene	U		5
67663	Chloroform	U		5
74975	Bromochloromethane	U		5
71556	1,1,1-Trichloroethane	U		5
563586	1,1-Dichloropropene	U		5
56235	Carbon Tetrachloride	U		5
107062	1,2-Dichloroethane	U		5
71432	Benzene	U		5
79016	Trichloroethene	U		5
78875	1,2-Dichloropropane	U		5
75274	Bromodichloromethane	U		5
74953	Dibromomethane	U		5
10061015	cis-1,3-Dichloropropene	U		5
108883	Toluene	1	J	5
10061026	trans-1,3-Dichloropropene	U		5
79005	1,1,2-Trichloroethane	U		5
142289	1,3-dichloropropane	U		5
127184	Tetrachloroethene	U		5
124481	Dibromochloromethane	U		5
106934	1,2-Dibromoethane	U		5
100414	Ethylbenzene	4	J	5

CAS #	COMPOUND	UG/L		MDL
108907	Chlorobenzene	U		5
630206	1,1,1,2-Tetrachloroethane	U		5
1330207	m,p-Xylene	12		10
100425	Styrene	U		5
98828	Isopropylbenzene	U		5
75252	Bromoform	U		5
79345	1,1,2,2-Tetrachloroethane	U		5
96184	1,2,3-Trichloropropane	U		5
103651	n-Propyl benzene	U		5
108861	Bromobenzene	U		5
108678	1,3,5-Trimethylbenzene	2	J	5
95498	2-Chlorotoluene	U		5
106434	4-Chlorotoluene	U		5
98066	tert-Butylbenzene	U		5
95636	1,2,4-Trimethylbenzene	7		5
135988	sec-Butylbenzene	U		5
99876	p-Isopropyltoluene	U		5
541731	1,3-Dichlorobenzene	U		5
106467	1,4-Dichlorobenzene	U		5
104518	n-Butylbenzene	U		5
95501	1,2-Dichlorobenzene	U		5
96128	1,2-Dibromo-3-Chloropropane	U		5
120821	1,2,4-Trichlorobenzene	U		5
87683	Hexachlorobutadiene	U		5
87616	1,2,3-Trichlorobenzene	U		5
95476	o-Xylene	2	J	5
75150	Carbon disulfide	U		5
110758	2-Chloroethylvinylether	U		5
67641	Acetone	56		5
108054	Vinyl acetate	U		5
78933	2-Butanone	U		5
108101	4-Methyl-2-pentanone	U		5
591786	2-Hexanone	U		5

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	[illegible] %	76-114	OK
Toluene-d8	104 %	88-110	OK
Bromofluorobenzene	106 %	86-115	OK

J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Indicates result exceeds highest calibration standard

ACCREDITED LABORATORIES, INC.
VOLATILE ORGANIC ANALYSIS DATA

CASE NUMBER	8255	MATRIX	Aqueous
SAMPLE NUMBER	0214279	DILUTION FACTOR	1.0
DATA FILE	>03734	DATE EXTRACTED	
CLIENT NAME	SE	DATE ANALYZED	11/14/92
FIELD ID	3-A	ANALYZED BY	ATEF

CAS #	COMPOUND	UG/L		MDL
107028	Acrolein	U		25
107131	Acrylonitrile	U		8
75718	Dichlorodifluoromethane	U		5
74873	Chloromethane	U		5
75014	Vinyl Chloride	U		5
74839	Bromomethane	U		5
75003	Chloroethane	U		5
75694	Trichlorofluoromethane	U		5
75354	1,1-Dichloroethene	U		5
75092	Methylene Chloride	8	B	5
156605	trans-1,2-Dichloroethene	U		5
75343	1,1-Dichloroethane	U		5
590207	2,2-Dichloropropane	U		5
156592	cis-1,2-dichloroethene	U		5
67663	Chloroform	U		5
74975	Bromochloromethane	U		5
71556	1,1,1-Trichloroethane	U		5
563586	1,1-Dichloropropene	U		5
56235	Carbon Tetrachloride	U		5
107062	1,2-Dichloroethane	U		5
71432	Benzene	U		5
79016	Trichloroethene	U		5
78875	1,2-Dichloropropane	U		5
75274	Bromodichloromethane	U		5
74953	Dibromomethane	U		5
10061015	cis-1,3-dichloropropene	U		5
108883	Toluene	2	J	5
10061026	trans-1,3-Dichloropropene	U		5
79005	1,1,2-Trichloroethane	U		5
142289	1,3-dichloropropane	U		5
127184	Tetrachloroethene	U		5
124481	Dibromochloromethane	U		5
106934	1,2-Dibromoethane	U		5
100414	Ethylbenzene	5		5

CAS #	COMPOUND	UG/L		MDL
108907	Chlorobenzene	U		5
630206	1,1,1,2-Tetrachloroethane	U		5
1330207	m,p-Xylene	14		10
100425	Styrene	U		5
98828	Isopropylbenzene	1	J	5
75252	Bromoform	U		5
79345	1,1,2,2-Tetrachloroethane	U		5
96184	1,2,3-Trichloropropane	U		5
103651	n-Propyl benzene	1	J	5
108861	Bromobenzene	U		5
108678	1,3,5-Trimethylbenzene	5	J	5
95498	2-Chlorotoluene	U		5
106434	4-Chlorotoluene	U		5
98066	tert-Butylbenzene	U		5
9563-	1,2,4-Trimethylbenzene	20		5
135988	sec-Butylbenzene	U		5
99876	p-Isopropyltoluene	U		5
541731	1,3-Dichlorobenzene	U		5
106467	1,4-Dichlorobenzene	U		5
104518	n-Butylbenzene	U		5
95501	1,2-Dichlorobenzene	U		5
96128	1,2-Dibromo-3-Chloropropane	U		5
120821	1,2,4-Trichlorobenzene	U		5
87683	Hexachlorobutadiene	U		5
87616	1,2,3-Trichlorobenzene	U		5
95476	o-Xylene	2	J	5
75150	Carbon disulfide	U		5
110758	2-Chloroetnylvinylether	U		5
67641	Acetone	15		5
108054	Vinyl acetate	U		5
789333	2-Butanone	U		5
108101	4-Methyl-2-pentanone	U		5
591786	2-Hexanone	U		5

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	110 %	76-114	OK
Toluene-d8	104 %	88-110	OK
Bromofluorobenzene	106 %	86-115	OK

J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected,
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Indicates result exceeds highest calibration standard

ACCREDITED LABORATORIES, INC.
VOLATILE ORGANIC ANALYSIS DATA

CASE NUMBER	8255	MATRIX	Soil
SAMPLE NUMBER	0214300	DILUTION FACTOR	1.0
DATA FILE	>A0008	DATE EXTRACTED	
CLIENT NAME	GE	DATE ANALYZED	11/16/02
FIELD ID	7-5	ANALYZED BY	DANIEL

CAS #	COMPOUND	UG/KG	MDL
107028	Acrolein	U	31
107131	Acrylonitrile	U	10
75718	Dichlorodifluoromethane	U	6
74873	Chloromethane	U	6
75014	Vinyl Chloride	U	6
74839	Bromomethane	U	7
75003	Chloroethane	U	6
75694	Trichlorofluoromethane	U	6
75354	1,1-Dichloroethene	U	6
75092	Methylene Chloride	3 J	6
156605	trans-1,2-Dichloroethene	U	6
75343	1,1-Dichloroethane	U	6
590207	2,2-Dichloropropane	U	6
156592	cis-1,2-dichloroethene	U	6
67663	Chloroform	U	6
74975	Bromochloromethane	U	6
71556	1,1,1-Trichloroethane	U	6
563586	1,1-Dichloropropene	U	6
56235	Carbon Tetrachloride	U	6
107062	1,2-Dichloroethane	U	6
71432	Benzene	U	6
79016	Trichloroethene	U	6
78875	1,2-Dichloropropane	U	6
75274	Bromodichloromethane	U	6
74953	Dibromomethane	U	6
10061015	cis-1,3-dichloropropene	U	6
108883	Toluene	U	6
10061026	trans-1,3-Dichloropropene	U	6
79005	1,1,2-Trichloroethane	U	6
142289	1,3-Dichloropropane	U	6
127184	Tetrachloroethene	U	6
124481	Dibromochloromethane	U	6
106934	1,2-Dibromoethane	U	6
100414	Ethylbenzene	U	6

CAS #	COMPOUND	UG/KG	MDL
108907	Chlorobenzene	U	6
630206	1,1,1,2-Tetrachloroethane	U	6
10330207	m,p-Xylene	U	12
100425	Styrene	U	6
98828	Isopropylbenzene	U	6
75252	Bromoform	U	6
79345	1,1,2,2-Tetrachloroethane	U	6
96184	1,2,3-Trichloropropane	U	6
103651	n-Propyl benzene	U	6
108861	Bromobenzene	U	6
108678	1,3,5-Trimethylbenzene	U	6
95498	2-Chlorotoluene	U	6
106434	4-Chlorotoluene	U	6
98066	tert-Butylbenzene	U	6
95636	1,2,4-Trimethylbenzene	U	6
135988	sec-Butylbenzene	U	6
99876	p-Isopropyltoluene	U	6
541731	1,3-Dichlorobenzene	U	6
106467	1,4-Dichlorobenzene	U	6
104518	n-Butylbenzene	U	6
95501	1,2-Dichlorobenzene	U	6
96128	1,2-Dibromo-3-Chloropropane	U	5
120821	1,2,4-Trichlorobenzene	U	6
87683	Hexachlorobutadiene	U	6
87616	1,2,3-Trichlorobenzene	U	6
95476	o-Xylene	U	6
75150	Carbon disulfide	U	6
110758	2-Chloroethylvinylether	U	6
67641	Acetone	U	6
108054	Vinyl acetate	U	6
789333	2-Butanone	U	6
108101	4-Methyl-2-pentanone	U	6
591786	2-Hexanone	U	6

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	102 %	70-121	OK
Toluene-d8	99 %	81-117	OK
Bromofluorobenzene	97 %	74-121	OK

Percent solid of 81.5 is used for all target compounds.

J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Indicates result exceeds highest calibration standard

ACCREDITED LABORATORIES, INC.
VOLATILE ORGANIC ANALYSIS DATA

CASE NUMBER	8255	MATRIX	Soil
SAMPLE NUMBER	0214301	DILUTION FACTOR	500
DATA FILE	>A0009	DATE EXTRACTED	
CLIENT NAME	GE	DATE ANALYZED	11/16/92
FIELD ID	1-S	ANALYZED BY	DANIEL

CAS #	COMPOUND	UG/KG	MDL
107028	Acrolein	U	15000
107131	Acrylonitrile	U	4700
75718	Dichlorodifluoromethane	U	2900
74873	Chloromethane	U	2900
75014	Vinyl Chloride	U	2900
74839	Bromomethane	U	3500
75003	Chloroethane	U	2900
75694	Trichlorofluoromethane	U	2900
75354	1,1-Dichloroethene	U	2900
75092	Methylene Chloride	920 J	2900
156605	trans-1,2-Dichloroethene	U	2900
75343	1,1-Dichloroethane	U	2900
590207	2,2-Dichloropropane	U	2900
156592	cis-1,2-dichloroethene	U	2900
67663	Chloroform	U	2900
74975	Bromochloromethane	U	2900
71556	1,1,1-Trichloroethane	U	2900
563586	1,1-Dichloropropene	U	2900
56235	Carbon Tetrachloride	U	2900
107062	1,2-Dichloroethane	U	2900
71432	Benzene	U	2900
79016	Trichloroethene	U	2900
78875	1,2-Dichloropropane	U	2900
75274	Bromodichloromethane	U	2900
74953	Dibromomethane	U	2900
10061015	cis-1,3-dichloropropene	U	2900
108883	Toluene	1100 J	2900
10061026	trans-1,3-Dichloropropene	U	2900
79005	1,1,2-Trichloroethane	U	2900
142289	1,3-Dichloropropane	U	2900
127184	Tetrachloroethene	U	2900
124481	Dibromochloromethane	U	2900
106934	1,2-Dibromoethane	U	2900
100414	Ethylbenzene	49000	2900
108907	Chlorobenzene	U	2900
630206	1,1,1,2-Tetrachloroethane	U	2900
10330207	m,p-Xylene	120000	5900
100425	Styrene	U	2900
98828	Isopropylbenzene	10000	2900
75252	Bromoform	U	2900
79345	1,1,2,2-Tetrachloroethane	U	2900
96184	1,2,3-Trichloropropane	U	2900
103651	n-Propyl benzene	24000	2900
108861	Bromobenzene	U	2900
108678	1,3,5-Trimethylbenzene	49000	2900
95498	2-Chlorotoluene	U	2900
106434	4-Chlorotoluene	U	2900
98066	tert-Butylbenzene	U	2900
95636	1,2,4-Trimethylbenzene	140000 E	2900
135988	sec-Butylbenzene	U	2900
99876	p-Isopropyltoluene	U	2900
541731	1,3-Dichlorobenzene	U	2900
106467	1,4-Dichlorobenzene	U	2900
104518	n-Butylbenzene	U	2900
95501	1,2-Dichlorobenzene	U	2900
96128	1,2-Dibromo-3-Chloropropane	U	2900
120821	1,2,4-Trichlorobenzene	U	2900
87683	Hexachlorobutadiene	U	2900
87616	1,2,3-Trichlorobenzene	U	2900
95476	o-Xylene	7900	2900
75150	Carbon disulfide	U	2900
110758	2-Chloroethylvinylether	U	2900
67641	Acetone	U	2900
108054	Vinyl acetate	U	2900
789333	2-Butanone	U	2900
108101	4-Methyl-2-pentanone	U	2900
591786	2-Hexanone	U	2900

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	111 %	70-121	OK
Toluene-d8	98 %	81-117	OK
Bromofluorobenzene	114 %	74-121	OK

Percent solid of 85.4 is used for all target compounds.

J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Indicates result exceeds highest calibration standard

ACCREDITED LABORATORIES, INC.
VOLATILE ORGANIC ANALYSIS DATA

CASE NUMBER	8255	MATRIX	Soil
SAMPLE NUMBER	02143010L	DILUTION FACTOR	5000
DATA FILE	>A0033	DATE EXTRACTED	
CLIENT NAME	GE	DATE ANALYZED	11/18/02
FIELD ID	1-5	ANALYZED BY	DANIEL

CAS #	COMPOUND	UG/KG		MDL
107028	Acrolein	U		150000
107131	Acrylonitrile	U		47000
75718	Dichlorodifluoromethane	U		29000
74873	Chloromethane	U		29000
75014	Vinyl Chloride	U		29000
74839	Bromomethane	U		35000
75003	Chloroethene	U		29000
75694	Trichlorofluoromethane	U		29000
75354	1,1-Dichloroethene	U		29000
75092	Methylene Chloride	9100	JBD	29000
156605	trans-1,2-Dichloroethene	U		29000
75343	1,1-Dichloroethane	U		29000
590207	2,2-Dichloropropane	U		29000
156592	cis-1,2-dichloroethene	U		29000
67663	Chloroform	U		29000
74975	Bromochloromethane	U		29000
71556	1,1,1-Trichloroethane	U		29000
563586	1,1-Dichloropropene	U		29000
56235	Carbon Tetrachloride	U		29000
107062	1,2-Dichloroethane	U		29000
71432	Benzene	U		29000
79016	Trichloroethene	U		29000
78875	1,2-Dichloropropane	U		29000
75274	Bromodichloromethane	U		29000
74953	Dibromomethane	U		29000
10061015	cis-1,3-dichloropropene	U		29000
108883	Toluene	U		29000
10061026	trans-1,3-Dichloropropene	U		29000
79005	1,1,2-Trichloroethane	U		29000
142289	1,3-Dichloropropane	U		29000
127184	Tetrachloroethene	U		29000
124481	Dibromochloromethane	U		29000
106934	1,2-Dibromoethane	U		29000
100414	Ethylbenzene	37000	D	29000

CAS #	COMPOUND	UG/KG		MDL
108907	Chlorobenzene	U		29000
630206	1,1,1,2-Tetrachloroethane	U		29000
10330207	m,p-Xylene	87000	—D	59000
100425	Styrene	U		29000
98828	Isopropylbenzene	8200	J D	29000
75252	Bromoform	U		29000
79345	1,1,2,2-Tetrachloroethane	U		29000
96184	1,2,3-Trichloropropane	U		29000
103651	n-Propyl benzene	19000	J D	29000
108861	Bromobenzene	U		29000
108678	1,3,5-Trimethylbenzene	61000	D	29000
95498	2-Chlorotoluene	U		29000
106434	4-Chlorotoluene	U		29000
98066	tert-Butylbenzene	U		29000
95636	1,2,4-Trimethylbenzene	120000	D	29000
135988	sec-Butylbenzene	U		29000
99876	p-Isopropyltoluene	U		29000
541731	1,3-Dichlorobenzene	U		29000
106467	1,4-Dichlorobenzene	U		29000
104518	n-Butylbenzene	U		29000
95501	1,2-Dichlorobenzene	U		29000
96128	1,2-Dibromo-3-Chloropropane	U		29000
120821	1,2,4-Trichlorobenzene	U		29000
87683	Hexachlorobutadiene	U		29000
87616	1,2,3-Trichlorobenzene	U		29000
95476	o-Xylene	10000	J D	29000
75150	Carbon disulfide	U		29000
110758	2-Chloroethylvinylether	U		29000
67641	Acetone	U	✓	29000
108054	Vinyl acetate	U		29000
789333	2-Butanone	U		29000
108101	4-Methyl-2-pentanone	U		29000
591786	2-Hexanone	U		29000

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	99 %	70-121	OK
Toluene-d8	95 %	81-117	OK
Bromofluorobenzene	100 %	74-121	OK

Percent solid of 85.4 is used for all target compounds.

J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected,
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Indicates result exceeds highest calibration standard

ACCREDITED LABORATORIES, INC.
VOLATILE ORGANIC ANALYSIS DATA

CASE NUMBER	8255	MATRIX	Soil
SAMPLE NUMBER	0214302	DILUTION FACTOR	1.0
DATA FILE	>A0031	DATE EXTRACTED	
CLIENT NAME	GE	DATE ANALYZED	11/18/02
FIELD ID	5-S	ANALYZED BY	DANIEL

CAS #	COMPOUND	UG/KG	MDL	CAS #	COMPOUND	UG/KG	MDL
107028	Acrolein	U	37	108907	Chlorobenzene	U	7
107131	Acrylonitrile	U	12	630206	1,1,1,2-Tetrachloroethane	U	7
75718	Dichlorodifluoromethane	U	7	10330207	m,p-Xylene	U	15
74873	Chloromethane	U	7	100425	Styrene	U	7
75014	Vinyl Chloride	U	7	98828	Isopropylbenzene	U	7
74839	Bromomethane	U	9	75252	Bromoform	U	7
75003	Chloroethane	U	7	79345	1,1,2,2-Tetrachloroethane	U	7
75694	Trichlorofluoromethane	U	7	96184	1,2,3-Trichloropropane	U	7
75354	1,1-Dichloroethene	U	7	103651	n-Propyl benzene	U	7
75092	Methylene Chloride	4 JB	7	108861	Bromobenzene	U	7
156605	trans-1,2-Dichloroethene	U	7	108678	1,3,5-Trimethylbenzene	U	7
75343	1,1-Dichloroethane	U	7	95498	2-Chlorotoluene	U	7
590207	2,2-Dichloropropane	U	7	106434	4-Chlorotoluene	U	7
156592	cis-1,2-dichloroethene	U	7	98066	tert-Butylbenzene	U	7
67663	Chloroform	U	7	95636	1,2,4-Trimethylbenzene	U	7
74975	Bromochloromethane	U	7	135988	sec-Butylbenzene	U	7
71556	1,1,1-Trichloroethane	U	7	99876	p-Isopropyltoluene	U	7
563586	1,1-Dichloropropene	U	7	541731	1,3-Dichlorobenzene	U	7
56235	Carbon Tetrachloride	U	7	106467	1,4-Dichlorobenzene	U	7
107062	1,2-Dichloroethane	U	7	104518	n-Butylbenzene	U	7
71432	Benzene	U	7	95501	1,2-Dichlorobenzene	U	7
79016	Trichloroethene	U	7	96128	1,2-Dibromo-3-Chloropropane	U	7
78875	1,2-Dichloropropane	U	7	120821	1,2,4-Trichlorobenzene	U	7
75274	Bromodichloromethane	U	7	87683	Hexachlorobutadiene	U	7
74953	Dibromomethane	U	7	87616	1,2,3-Trichlorobenzene	U	7
10061015	cis-1,3-dichloropropene	U	7	95476	o-Xylene	U	7
108883	Toluene	U	7	75150	Carbon disulfide	U	7
10061026	trans-1,3-Dichloropropene	U	7	110758	2-Chloroethylvinylether	U	7
79005	1,1,2-Trichloroethene	U	7	67641	Acetone	U	7
142289	1,3-Dichloropropane	U	7	108054	Vinyl acetate	U	7
127184	Tetrachloroethene	U	7	789333	2-Butanone	U	7
124481	Dibromochloromethane	U	7	108101	4-Methyl-2-pentanone	U	7
106934	1,2-Dibromoethane	U	7	591786	2-Hexanone	U	7
100414	Ethylbenzene	U	7				

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	96 %	70-121	OK
Toluene-d8	94 %	81-117	OK
Bromofluorobenzene	85 %	74-121	OK

Percent solid of 67.9 is used for all target compounds.

J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected,
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Indicates result exceeds highest calibration standard

ACCREDITED LABORATORIES, INC.
VOLATILE ORGANIC ANALYSIS DATA

CASE NUMBER	8255	MATRIX	Soil
SAMPLE NUMBER	0214303	DILUTION FACTOR	1.0
DATA FILE	>A0011	DATE EXTRACTED	
CLIENT NAME	GE	DATE ANALYZED	11/16/02
FIELD ID	B-5	ANALYZED BY	DANIEL

CAS #	COMPOUND	UG/KG	MDL	CAS #	COMPOUND	UG/KG	MDL
107028	Acrolein	U	35	108907	Chlorobenzene	U	7
107131	Acrylonitrile	U	11	630206	1,1,1,2-Tetrachloroethane	U	7
75718	Dichlorodifluoromethane	U	7	10330207	m,p-Xylene	U	14
74873	Chloromethane	U	7	100425	Styrene	U	7
75014	Vinyl Chloride	U	7	98828	Isopropylbenzene	U	7
74839	Bromomethane	U	8	75252	Bromoform	U	7
75003	Chloroethane	U	7	79345	1,1,2,2-Tetrachloroethane	U	7
75694	Trichlorofluoromethane	U	7	96184	1,2,3-Trichloropropane	U	7
75354	1,1-Dichloroethene	U	7	103651	n-Propyl benzene	U	7
75092	Methylene Chloride	U	7	108861	Bromobenzene	U	7
156605	trans-1,2-Dichloroethene	U	7	108678	1,3,5-Trimethylbenzene	U	7
75343	1,1-Dichloroethane	U	7	95498	2-Chlorotoluene	U	7
590207	2,2-Dichloropropane	U	7	106434	4-Chlorotoluene	U	7
156592	cis-1,2-dichloroethene	U	7	98066	tert-Butylbenzene	U	7
67663	Chloroform	U	7	95636	1,2,4-Trimethylbenzene	U	7
74975	Bromochloromethane	U	7	135988	sec-Butylbenzene	U	7
71556	1,1,1-Trichloroethane	U	7	99876	p-Isopropyltoluene	U	7
563586	1,1-Dichloropropene	U	7	541731	1,3-Dichlorobenzene	U	7
56235	Carbon Tetrachloride	U	7	106467	1,4-Dichlorobenzene	U	7
107062	1,2-Dichloroethane	U	7	104518	n-Butylbenzene	U	7
71432	Benzene	U	7	95501	1,2-Dichlorobenzene	U	7
79016	Trichloroethene	U	7	96128	1,2-Dibromo-3-Chloropropane	U	7
78875	1,2-Dichloropropane	U	7	120821	1,2,4-Trichlorobenzene	U	7
75274	Bromodichloromethane	U	7	87683	Hexachlorobutadiene	U	7
74953	Dibromomethene	U	7	87616	1,2,3-Trichlorobenzene	U	7
10061015	cis-1,3-dichloropropene	U	7	95476	o-Xylene	U	7
108883	Toluene	U	7	75150	Carbon disulfide	U	7
10061026	trans-1,3-Dichloropropene	U	7	110758	2-Chloroethylvinylether	U	7
79005	1,1,2-Trichloroethane	U	7	67641	Acetone	71	7
142289	1,3-Dichloropropane	U	7	108054	Vinyl acetate	U	7
127184	Tetrachloroethene	U	7	789333	2-Butanone	U	7
124481	Dibromochloromethane	U	7	108101	4-Methyl-2-pentanone	U	7
106934	1,2-Dibromoethane	U	7	591786	2-Hexanone	U	7
100414	Ethylbenzene	U	7				

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	106 %	70-121	OK
Toluene-d8	98 %	81-117	OK
Bromofluorobenzene	96 %	74-121	OK

Percent solid of 72.4 is used for all target compounds.

J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected,
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Indicates result exceeds highest calibration standard

ACCREDITED LABORATORIES, INC.
VOLATILE ORGANIC ANALYSIS DATA

CASE NUMBER	8255	MATRIX	Soil
SAMPLE NUMBER	0214304	DILUTION FACTOR	1.0
DATA FILE	>A0032	DATE EXTRACTED	
CLIENT NAME	GE	DATE ANALYZED	11/18/02
FIELD ID	3-S	ANALYZED BY	DANIEL

CAS #	COMPOUND	UG/KG	MDL	CAS #	COMPOUND	UG/KG	MDL
107028	Acrolein	U	46	108907	Chlorobenzene	U	9
107131	Acrylonitrile	U	15	630206	1,1,1,2-Tetrachloroethane	U	9
75718	Dichlorodifluoromethane	U	9	10330207	m,p-Xylene	U	18
74873	Chloromethane	U	9	100425	Styrene	U	9
75014	Vinyl Chloride	U	9	98828	Isopropylbenzene	U	9
74839	Bromomethane	U	11	75252	Bromoform	U	9
75003	Chloroethane	U	9	79345	1,1,2,2-Tetrachloroethane	U	9
75694	Trichlorofluoromethane	U	9	96184	1,2,3-Trichloropropane	U	9
75354	1,1-Dichloroethene	U	9	103651	n-Propyl benzene	U	9
75092	Methylene Chloride	U	9	108861	Bromobenzene	U	9
156605	trans-1,2-Dichloroethene	U	9	108678	1,3,5-Trimethylbenzene	U	9
75343	1,1-Dichloroethane	U	9	95498	2-Chlorotoluene	U	9
590207	2,2-Dichloropropane	U	9	106434	4-Chlorotoluene	U	9
156592	cis-1,2-dichloroethene	U	9	98066	tert-Butylbenzene	U	9
67663	Chloroform	U	9	95636	1,2,4-Trimethylbenzene	U	9
74975	Bromochloromethane	U	9	135988	sec-Butylbenzene	U	9
71556	1,1,1-Trichloroethane	U	9	99876	p-Isopropyltoluene	U	9
563586	1,1-Dichloropropene	U	9	541731	1,3-Dichlorobenzene	U	9
56235	Carbon Tetrachloride	U	9	106467	1,4-Dichlorobenzene	U	9
107062	1,2-Dichloroethane	U	9	104518	n-Butylbenzene	U	9
71432	Benzene	U	9	95501	1,2-Dichlorobenzene	U	9
79016	Trichloroethene	U	9	96128	1,2-Dibromo-3-Chloropropane	U	9
78875	1,2-Dichloropropane	U	9	120821	1,2,4-Trichlorobenzene	U	9
75274	Bromodichloromethane	U	9	87683	Hexachlorobutadiene	U	9
74953	Dibromomethane	U	9	87616	1,2,3-Trichlorobenzene	U	9
10061015	cis-1,3-dichloropropene	U	9	95476	o-Xylene	U	9
108883	Toluene	U	9	75150	Carbon disulfide	U	9
10061026	trans-1,3-Dichloropropene	U	9	110758	2-Chloroethylvinylether	U	9
79005	1,1,2-Trichloroethane	U	9	67641	Acetone	U	9
142289	1,3-Dichloropropane	U	9	108054	Vinyl acetate	U	9
127184	Tetrachloroethene	U	9	789333	2-Butanone	U	9
124481	Dibromochloromethane	U	9	108101	4-Methyl-2-pentanone	U	9
106934	1,2-Dibromoethane	U	9	591786	2-Hexanone	U	9
100414	Ethylbenzene	U	9				

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	98 %	70-121	OK
Toluene-d8	96 %	81-117	OK
Bromofluorobenzene	91 %	74-121	OK

Percent solid of 54.7 is used for all target compounds.

J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected,
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Indicates result exceeds highest calibration standard

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

7-A

Lab Name: ACCREDITED LABS INC. Contract: _____

Lab Code: _____ Case No.: 8255 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 0214295

Sample wt/vol: 900 (g/ml) ML Lab File ID: E1817.D

Level: (low/med) LOW Date Received: _____

% Moisture: _____ decanted:(Y/N) N Date Extracted: 11/8/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
000062-75-9	N-Nitrosodimethylamine	11	U
108-95-2	Phenol	11	U
111-44-4	bis(2-Chloroethyl)ether	11	U
95-57-8	2-Chlorophenol	11	U
541-73-1	1,3-Dichlorobenzene	11	U
106-46-7	1,4-Dichlorobenzene	11	U
100-51-6	Benzyl alcohol	11	U
95-50-1	1,2-Dichlorobenzene	11	U
95-48-7	2-Methylphenol	11	U
108-60-1	bis(2-chloroisopropyl)ether	11	U
106-44-5	3&4-Methylphenol	11	U
621-64-7	N-Nitroso-di-n-propylamine	11	U
67-72-1	Hexachloroethane	11	U
98-95-3	Nitrobenzene	11	U
78-59-1	Isophorone	11	U
88-75-5	2-Nitrophenol	11	U
105-67-9	2,4-Dimethylphenol	11	U
000065-85-0	Benzoic Acid	56	U
111-91-1	bis(2-Chloroethoxy)methane	11	U
120-83-2	2,4-Dichlorophenol	11	U
120-82-1	1,2,4-Trichlorobenzene	11	U
91-20-3	Naphthalene	11	U
106-47-8	4-Chloroaniline	11	U
87-68-3	Hexachlorobutadiene	11	U
59-50-7	4-Chloro-3-methylphenol	11	U
91-57-6	2-Methylnaphthalene	11	U
77-47-4	Hexachlorocyclopentadiene	11	U
88-06-2	2,4,6-Trichlorophenol	11	U
95-95-4	2,4,5-Trichlorophenol	11	U
91-58-7	2-Chloronaphthalene	11	U
88-74-4	2-Nitroaniline	11	U
131-11-3	Dimethylphthalate	11	U
208-96-8	Acenaphthylene	11	U
99-09-2	3-Nitroaniline	11	U
83-32-9	Acenaphthene	11	U
51-28-5	2,4-Dinitrophenol	11	U
100-02-7	4-Nitrophenol	11	U

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1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

7-A

Lab Name: ACCREDITED LABS INC. Contract:

Lab Code: Case No.: 8255 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 0214295

Sample wt/vol: 900 (g/ml) ML Lab File ID: E1817.D

Level: (low/med) LOW Date Received:

% Moisture: decanted:(Y/N) N Date Extracted: 11/8/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
132-64-9	Dibenzofuran	11	U
606-20-2	2,6-Dinitrotoluene	11	U
121-14-2	2,4-Dinitrotoluene	11	U
84-66-2	Diethylphthalate	11	U
7005-72-3	4-Chlorophenyl-phenylether	11	U
86-73-7	Fluorene	11	U
100-01-6	4-Nitroaniline	11	U
534-52-1	4,6-Dinitro-2-methylphenol	11	U
86-30-6	n-Nitrosodiphenylamine	11	U
101-55-3	4-Bromophenyl-phenylether	11	U
118-74-1	Hexachlorobenzene	11	U
87-86-5	Pentachlorophenol	11	U
85-01-8	Phenanthrene	11	U
120-12-7	Anthracene	11	U
84-74-2	Di-n-butylphthalate	11	U
206-44-0	Fluoranthene	11	U
129-00-0	Pyrene	11	U
85-68-7	Butylbenzylphthalate	11	U
91-94-1	3,3'-Dichlorobenzidine	11	U
56-55-3	Benzo[a]anthracene	11	U
117-81-7	bis(2-Ethylhexyl)phthalate	11	U
218-01-9	Chrysene	11	U
117-84-0	Di-n-octylphthalate	11	U
205-99-2	Benzo[b]fluoranthene	11	U
207-08-9	Benzo[k]fluoranthene	11	U
50-32-8	Benzo[a]pyrene	11	U
193-39-5	Indeno[1,2,3-cd]pyrene	11	U
53-70-3	Dibenz[a,h]anthracene	11	U
191-24-2	Benzo[g,h,i]perylene	11	U

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1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

1-A

Lab Name: ACCREDITED LABS INC. Contract:

Lab Code: Case No.: 8255 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 0214296

Sample wt/vol: 750 (g/ml) ML Lab File ID: E1821.D

Level: (low/med) LOW Date Received:

% Moisture: decanted:(Y/N) N Date Extracted: 11/8/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
000062-75-9	N-Nitrosodimethylamine	13	U
108-95-2	Phenol	13	U
111-44-4	bis(2-Chloroethyl)ether	13	U
95-57-8	2-Chlorophenol	13	U
541-73-1	1,3-Dichlorobenzene	13	U
106-46-7	1,4-Dichlorobenzene	13	U
100-51-6	Benzyl alcohol	13	U
95-50-1	1,2-Dichlorobenzene	13	U
95-48-7	2-Methylphenol	13	U
108-60-1	bis(2-chloroisopropyl)ether	13	U
106-44-5	3&4-Methylphenol	13	U
621-64-7	N-Nitroso-di-n-propylamine	13	U
67-72-1	Hexachloroethane	13	U
98-95-3	Nitrobenzene	13	U
78-59-1	Isophorone	13	U
88-75-5	2-Nitrophenol	13	U
105-67-9	2,4-Dimethylphenol	13	U
000065-85-0	Benzoic Acid	67	U
111-91-1	bis(2-Chloroethoxy)methane	13	U
120-83-2	2,4-Dichlorophenol	13	U
120-82-1	1,2,4-Trichlorobenzene	13	U
91-20-3	Naphthalene	1600	E
106-47-8	4-Chloroaniline	13	U
87-68-3	Hexachlorobutadiene	13	U
59-50-7	4-Chloro-3-methylphenol	13	U
91-57-6	2-Methylnaphthalene	820	E
77-47-4	Hexachlorocyclopentadiene	13	U
88-06-2	2,4,6-Trichlorophenol	13	U
95-95-4	2,4,5-Trichlorophenol	13	U
91-58-7	2-Chloronaphthalene	13	U
88-74-4	2-Nitroaniline	13	U
131-11-3	Dimethylphthalate	13	U
208-96-8	Acenaphthylene	13	U
99-09-2	3-Nitroaniline	13	U
83-32-9	Acenaphthene	20	
51-28-5	2,4-Dinitrophenol	13	U
100-02-7	4-Nitrophenol	13	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

1-A

Lab Name: ACCREDITED LABS INC. Contract: _____

Lab Code: _____ Case No.: 8255 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 0214296

Sample wt/vol: 750 (g/ml) ML Lab File ID: E1821.D

Level: (low/med) LOW Date Received: _____

% Moisture: _____ decanted:(Y/N) N Date Extracted: 11/8/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
132-64-9	Dibenzofuran	12	J
606-20-2	2,6-Dinitrotoluene	13	U
121-14-2	2,4-Dinitrotoluene	13	U
84-66-2	Diethylphthalate	13	U
7005-72-3	4-Chlorophenyl-phenylether	13	U
86-73-7	Fluorene	19	
100-01-6	4-Nitroaniline	13	U
534-52-1	4,6-Dinitro-2-methylphenol	13	U
86-30-6	n-Nitrosodiphenylamine	13	U
101-55-3	4-Bromophenyl-phenylether	13	U
118-74-1	Hexachlorobenzene	13	U
87-86-5	Pentachlorophenol	13	U
85-01-8	Phenanthrene	82	
120-12-7	Anthracene	12	J
84-74-2	Di-n-butylphthalate	13	U
206-44-0	Fluoranthene	34	
129-00-0	Pyrene	60	
85-68-7	Butylbenzylphthalate	13	U
91-94-1	3,3'-Dichlorobenzidine	13	U
56-55-3	Benzo[a]anthracene	12	J
117-81-7	bis(2-Ethylhexyl)phthalate	4	J
218-01-9	Chrysene	13	J
117-84-0	Di-n-octylphthalate	13	U
205-99-2	Benzo[b]fluoranthene	9	J
207-08-9	Benzo[k]fluoranthene	10	J
50-32-8	Benzo[a]pyrene	10	J
193-39-5	Indeno[1,2,3-cd]pyrene	4	J
53-70-3	Dibenz[a,h]anthracene	2	J
191-24-2	Benzo[g,h,i]perylene	4	J

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1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

1-ADL

Lab Name: ACCREDITED LABS INC. Contract: _____

Lab Code: _____ Case No.: 8255 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 0214296DL

Sample wt/vol: 750 (g/ml) ML Lab File ID: E1841.D

Level: (low/med) LOW Date Received: _____

% Moisture: _____ decanted:(Y/N) N Date Extracted: 11/8/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/15/02

Injection Volume: 1.0 (uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
000062-75-9	N-Nitrosodimethylamine	270	U
108-95-2	Phenol	270	U
111-44-4	bis(2-Chloroethyl)ether	270	U
95-57-8	2-Chlorophenol	270	U
541-73-1	1,3-Dichlorobenzene	270	U
106-46-7	1,4-Dichlorobenzene	270	U
100-51-6	Benzyl alcohol	270	U
95-50-1	1,2-Dichlorobenzene	270	U
95-48-7	2-Methylphenol	270	U
108-60-1	bis(2-chloroisopropyl)ether	270	U
106-44-5	3&4-Methylphenol	270	U
621-64-7	N-Nitroso-di-n-propylamine	270	U
67-72-1	Hexachloroethane	270	U
98-95-3	Nitrobenzene	270	U
78-59-1	Isophorone	270	U
88-75-5	2-Nitrophenol	270	U
105-67-9	2,4-Dimethylphenol	270	U
000065-85-0	Benzoic Acid	1300	U
111-91-1	bis(2-Chloroethoxy)methane	270	U
120-83-2	2,4-Dichlorophenol	270	U
120-82-1	1,2,4-Trichlorobenzene	270	U
91-20-3	Naphthalene	1700	D
106-47-8	4-Chloroaniline	270	U
87-68-3	Hexachlorobutadiene	270	U
59-50-7	4-Chloro-3-methylphenol	270	U
91-57-6	2-Methylnaphthalene	720	D
77-47-4	Hexachlorocyclopentadiene	270	U
88-06-2	2,4,6-Trichlorophenol	270	U
95-95-4	2,4,5-Trichlorophenol	270	U
91-58-7	2-Chloronaphthalene	270	U
88-74-4	2-Nitroaniline	270	U
131-11-3	Dimethylphthalate	270	U
208-96-8	Acenaphthylene	270	U
99-09-2	3-Nitroaniline	270	U
83-32-9	Acenaphthene	270	U
51-28-5	2,4-Dinitrophenol	270	U
100-02-7	4-Nitrophenol	270	U

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1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

1-ADL

Lab Name: ACCREDITED LABS INC. Contract: _____

Lab Code: _____ Case No.: 8255 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 0214296DL

Sample wt/vol: 750 (g/ml) ML Lab File ID: E1841.D

Level: (low/med) LOW Date Received: _____

% Moisture: _____ decanted:(Y/N) N Date Extracted: 11/8/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/15/02

Injection Volume: 1.0 (uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
132-64-9	Dibenzofuran	270	U
606-20-2	2,6-Dinitrotoluene	270	U
121-14-2	2,4-Dinitrotoluene	270	U
84-66-2	Diethylphthalate	270	U
7005-72-3	4-Chlorophenyl-phenylether	270	U
86-73-7	Fluorene	270	U
100-01-6	4-Nitroaniline	270	U
534-52-1	4,6-Dinitro-2-methylphenol	270	U
86-30-6	n-Nitrosodiphenylamine	270	U
101-55-3	4-Bromophenyl-phenylether	270	U
118-74-1	Hexachlorobenzene	270	U
87-86-5	Pentachlorophenol	270	U
85-01-8	Phenanthrene	72	JD
120-12-7	Anthracene	270	U
84-74-2	Di-n-butylphthalate	270	U
206-44-0	Fluoranthene	51	JD
129-00-0	Pyrene	34	JD
85-68-7	Butylbenzylphthalate	270	U
91-94-1	3,3'-Dichlorobenzidine	270	U
56-55-3	Benzo[a]anthracene	270	U
117-81-7	bis(2-Ethylhexyl)phthalate	270	U
218-01-9	Chrysene	270	U
117-84-0	Di-n-octylphthalate	270	U
205-99-2	Benzo[b]fluoranthene	270	U
207-08-9	Benzo[k]fluoranthene	270	U
50-32-8	Benzo[a]pyrene	270	U
193-39-5	Indeno[1,2,3-cd]pyrene	270	U
53-70-3	Dibenz[a,h]anthracene	270	U
191-24-2	Benzo[g,h,i]perylene	270	U

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

5-A

Lab Name: ACCREDITED LABS INC. Contract: _____

Lab Code: _____ Case No.: 8255 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 0214297

Sample wt/vol: 940 (g/ml) ML Lab File ID: E1818.D

Level: (low/med) LOW Date Received: _____

% Moisture: _____ decanted:(Y/N) N Date Extracted: 11/8/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
000062-75-9	N-Nitrosodimethylamine	11	U
108-95-2	Phenol	11	U
111-44-4	bis(2-Chloroethyl)ether	11	U
95-57-8	2-Chlorophenol	11	U
541-73-1	1,3-Dichlorobenzene	11	U
106-46-7	1,4-Dichlorobenzene	11	U
100-51-6	Benzyl alcohol	11	U
95-50-1	1,2-Dichlorobenzene	11	U
95-48-7	2-Methylphenol	11	U
108-60-1	bis(2-chloroisopropyl)ether	11	U
106-44-5	3&4-Methylphenol	11	U
621-64-7	N-Nitroso-di-n-propylamine	11	U
67-72-1	Hexachloroethane	11	U
98-95-3	Nitrobenzene	11	U
78-59-1	Isophorone	11	U
88-75-5	2-Nitrophenol	11	U
105-67-9	2,4-Dimethylphenol	11	U
000065-85-0	Benzoic Acid	53	U
111-91-1	bis(2-Chloroethoxy)methane	11	U
120-83-2	2,4-Dichlorophenol	11	U
120-82-1	1,2,4-Trichlorobenzene	11	U
91-20-3	Naphthalene	1	J
106-47-8	4-Chloroaniline	11	U
87-68-3	Hexachlorobutadiene	11	U
59-50-7	4-Chloro-3-methylphenol	11	U
91-57-6	2-Methylnaphthalene	11	U
77-47-4	Hexachlorocyclopentadiene	11	U
88-06-2	2,4,6-Trichlorophenol	11	U
95-95-4	2,4,5-Trichlorophenol	11	U
91-58-7	2-Chloronaphthalene	11	U
88-74-4	2-Nitroaniline	11	U
131-11-3	Dimethylphthalate	11	U
208-96-8	Acenaphthylene	11	U
99-09-2	3-Nitroaniline	11	U
83-32-9	Acenaphthene	11	U
51-28-5	2,4-Dinitrophenol	11	U
100-02-7	4-Nitrophenol	11	U

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1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

5-A

Lab Name: ACCREDITED LABS INC. Contract:

Lab Code: Case No.: 8255 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 0214297

Sample wt/vol: 940 (g/ml) ML Lab File ID: E1818.D

Level: (low/med) LOW Date Received:

% Moisture: decanted:(Y/N) N Date Extracted: 11/8/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
132-64-9	Dibenzofuran	11	U
606-20-2	2,6-Dinitrotoluene	11	U
121-14-2	2,4-Dinitrotoluene	11	U
84-66-2	Diethylphthalate	11	U
7005-72-3	4-Chlorophenyl-phenylether	11	U
86-73-7	Fluorene	11	U
100-01-6	4-Nitroaniline	11	U
534-52-1	4,6-Dinitro-2-methylphenol	11	U
86-30-6	n-Nitrosodiphenylamine	11	U
101-55-3	4-Bromophenyl-phenylether	11	U
118-74-1	Hexachlorobenzene	11	U
87-86-5	Pentachlorophenol	11	U
85-01-8	Phenanthrene	11	U
120-12-7	Anthracene	11	U
84-74-2	Di-n-butylphthalate	11	U
206-44-0	Fluoranthene	11	U
129-00-0	Pyrene	11	U
85-68-7	Butylbenzylphthalate	11	U
91-94-1	3,3'-Dichlorobenzidine	11	U
56-55-3	Benzo[a]anthracene	11	U
117-81-7	bis(2-Ethylhexyl)phthalate	11	U
218-01-9	Chrysene	11	U
117-84-0	Di-n-octylphthalate	11	U
205-99-2	Benzo[b]fluoranthene	11	U
207-08-9	Benzo[k]fluoranthene	11	U
50-32-8	Benzo[a]pyrene	11	U
193-39-5	Indeno[1,2,3-cd]pyrene	11	U
53-70-3	Dibenz[a,h]anthracene	11	U
191-24-2	Benzo[g,h,i]perylene	11	U

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1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

8-A

Lab Name: ACCREDITED LABS INC. Contract: _____

Lab Code: _____ Case No.: 8255 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 0214298

Sample wt/vol: 500 (g/ml) ML Lab File ID: E1820.D

Level: (low/med) LOW Date Received: _____

% Moisture: _____ decanted:(Y/N) N Date Extracted: 11/8/02

Concentrated Extract Volume: 500 (uL) Date Analyzed: 11/14/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
000062-75-9	N-Nitrosodimethylamine	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	bis(2-chloroisopropyl)ether	10	U
106-44-5	3&4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
000065-85-0	Benzoic Acid	5	J
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	2	J
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	10	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	10	U
100-02-7	4-Nitrophenol	10	U

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1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

8-A

Lab Name: ACCREDITED LABS INC. Contract: _____

Lab Code: _____ Case No.: 8255 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 0214298

Sample wt/vol: 500 (g/ml) ML Lab File ID: E1820.D

Level: (low/med) LOW Date Received: _____

% Moisture: _____ decanted:(Y/N) N Date Extracted: 11/8/02

Concentrated Extract Volume: 500 (uL) Date Analyzed: 11/14/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
132-64-9	Dibenzofuran	10	U
606-20-2	2,6-Dinitrotoluene	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	n-Nitrosodiphenylamine	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	1	J
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo[a]anthracene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
218-01-9	Chrysene	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[a,h]anthracene	10	U
191-24-2	Benzo[g,h,i]perylene	10	U

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

3-A

Lab Name: ACCREDITED LABS INC. Contract:

Lab Code: Case No.: 8255 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 0214299

Sample wt/vol: 810 (g/ml) ML Lab File ID: E1819.D

Level: (low/med) LOW Date Received:

% Moisture: decanted:(Y/N) N Date Extracted: 11/8/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
000062-75-9	N-Nitrosodimethylamine	12	U
108-95-2	Phenol	4	J
111-44-4	bis(2-Chloroethyl)ether	12	U
95-57-8	2-Chlorophenol	12	U
541-73-1	1,3-Dichlorobenzene	12	U
106-46-7	1,4-Dichlorobenzene	12	U
100-51-6	Benzyl alcohol	12	U
95-50-1	1,2-Dichlorobenzene	12	U
95-48-7	2-Methylphenol	12	U
108-60-1	bis(2-chloroisopropyl)ether	12	U
106-44-5	3&4-Methylphenol	2	J
621-64-7	N-Nitroso-di-n-propylamine	12	U
67-72-1	Hexachloroethane	12	U
98-95-3	Nitrobenzene	12	U
78-59-1	Isophorone	12	U
88-75-5	2-Nitrophenol	12	U
105-67-9	2,4-Dimethylphenol	12	U
000065-85-0	Benzoic Acid	62	U
111-91-1	bis(2-Chloroethoxy)methane	12	U
120-83-2	2,4-Dichlorophenol	12	U
120-82-1	1,2,4-Trichlorobenzene	12	U
91-20-3	Naphthalene	1	J
106-47-8	4-Chloroaniline	12	U
87-68-3	Hexachlorobutadiene	12	U
59-50-7	4-Chloro-3-methylphenol	12	U
91-57-6	2-Methylnaphthalene	12	U
77-47-4	Hexachlorocyclopentadiene	12	U
88-06-2	2,4,6-Trichlorophenol	12	U
95-95-4	2,4,5-Trichlorophenol	12	U
91-58-7	2-Chloronaphthalene	12	U
88-74-4	2-Nitroaniline	12	U
131-11-3	Dimethylphthalate	12	U
208-96-8	Acenaphthylene	12	U
99-09-2	3-Nitroaniline	12	U
83-32-9	Acenaphthene	12	U
51-28-5	2,4-Dinitrophenol	12	U
100-02-7	4-Nitrophenol	12	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

3-A

Lab Name: ACCREDITED LABS INC. Contract:

Lab Code: Case No.: 8255 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 0214299

Sample wt/vol: 810 (g/ml) ML Lab File ID: E1819.D

Level: (low/med) LOW Date Received:

% Moisture: decanted:(Y/N) N Date Extracted: 11/8/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
132-64-9	Dibenzofuran	12	U
606-20-2	2,6-Dinitrotoluene	12	U
121-14-2	2,4-Dinitrotoluene	12	U
84-66-2	Diethylphthalate	12	U
7005-72-3	4-Chlorophenyl-phenylether	12	U
86-73-7	Fluorene	12	U
100-01-6	4-Nitroaniline	12	U
534-52-1	4,6-Dinitro-2-methylphenol	12	U
86-30-6	n-Nitrosodiphenylamine	12	U
101-55-3	4-Bromophenyl-phenylether	12	U
118-74-1	Hexachlorobenzene	12	U
87-86-5	Pentachlorophenol	12	U
85-01-8	Phenanthrene	12	U
120-12-7	Anthracene	12	U
84-74-2	Di-n-butylphthalate	12	U
206-44-0	Fluoranthene	12	U
129-00-0	Pyrene	12	U
85-68-7	Butylbenzylphthalate	12	U
91-94-1	3,3'-Dichlorobenzidine	12	U
56-55-3	Benzo[a]anthracene	12	U
117-81-7	bis(2-Ethylhexyl)phthalate	12	U
218-01-9	Chrysene	12	U
117-84-0	Di-n-octylphthalate	12	U
205-99-2	Benzo[b]fluoranthene	12	U
207-08-9	Benzo[k]fluoranthene	12	U
50-32-8	Benzo[a]pyrene	12	U
193-39-5	Indeno[1,2,3-cd]pyrene	12	U
53-70-3	Dibenz[a,h]anthracene	12	U
191-24-2	Benzo[g,h,i]perylene	12	U

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

7-S

Lab Name: ACCREDITED LABS INC. Contract:

Lab Code: Case No.: 8255 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0214300

Sample wt/vol: 30 (g/ml) G Lab File ID: E1822.D

Level: (low/med) LOW Date Received:

% Moisture: 18.5 decanted:(Y/N) N Date Extracted: 11/8/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
000062-75-9	N-Nitrosodimethylamine	410	U
108-95-2	Phenol	410	U
111-44-4	bis(2-Chloroethyl)ether	410	U
95-57-8	2-Chlorophenol	410	U
541-73-1	1,3-Dichlorobenzene	410	U
106-46-7	1,4-Dichlorobenzene	410	U
100-51-6	Benzyl alcohol	410	U
95-50-1	1,2-Dichlorobenzene	410	U
95-48-7	2-Methylphenol	410	U
108-60-1	bis(2-chloroisopropyl)ether	410	U
106-44-5	3&4-Methylphenol	410	U
621-64-7	N-Nitroso-di-n-propylamine	410	U
67-72-1	Hexachloroethane	410	U
98-95-3	Nitrobenzene	410	U
78-59-1	Isophorone	410	U
88-75-5	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U
000065-85-0	Benzoic Acid	2100	U
111-91-1	bis(2-Chloroethoxy)methane	410	U
120-83-2	2,4-Dichlorophenol	410	U
120-82-1	1,2,4-Trichlorobenzene	410	U
91-20-3	Naphthalene	410	U
106-47-8	4-Chloroaniline	410	U
87-68-3	Hexachlorobutadiene	410	U
59-50-7	4-Chloro-3-methylphenol	410	U
91-57-6	2-Methylnaphthalene	410	U
77-47-4	Hexachlorocyclopentadiene	410	U
88-06-2	2,4,6-Trichlorophenol	410	U
95-95-4	2,4,5-Trichlorophenol	410	U
91-58-7	2-Chloronaphthalene	410	U
88-74-4	2-Nitroaniline	410	U
131-11-3	Dimethylphthalate	410	U
208-96-8	Acenaphthylene	410	U
99-09-2	3-Nitroaniline	410	U
83-32-9	Acenaphthene	410	U
51-28-5	2,4-Dinitrophenol	410	U
100-02-7	4-Nitrophenol	410	U

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1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

7-S

Lab Name: ACCREDITED LABS INC. Contract: _____

Lab Code: _____ Case No.: 8255 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 0214300

Sample wt/vol: 30 (g/ml) G Lab File ID: E1822.D

Level: (low/med) LOW Date Received: _____

% Moisture: 18.5 decanted:(Y/N) N Date Extracted: 11/8/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
132-64-9	Dibenzofuran	410	U
606-20-2	2,6-Dinitrotoluene	410	U
121-14-2	2,4-Dinitrotoluene	410	U
84-66-2	Diethylphthalate	410	U
7005-72-3	4-Chlorophenyl-phenylether	410	U
86-73-7	Fluorene	410	U
100-01-6	4-Nitroaniline	410	U
534-52-1	4,6-Dinitro-2-methylphenol	410	U
86-30-6	n-Nitrosodiphenylamine	410	U
101-55-3	4-Bromophenyl-phenylether	410	U
118-74-1	Hexachlorobenzene	410	U
87-86-5	Pentachlorophenol	410	U
85-01-8	Phenanthrene	100	J
120-12-7	Anthracene	410	U
84-74-2	Di-n-butylphthalate	410	U
206-44-0	Fluoranthene	110	J
129-00-0	Pyrene	190	J
85-68-7	Butylbenzylphthalate	67	J
91-94-1	3,3'-Dichlorobenzidine	410	U
56-55-3	Benzo[a]anthracene	60	J
117-81-7	bis(2-Ethylhexyl)phthalate	410	U
218-01-9	Chrysene	58	J
117-84-0	Di-n-octylphthalate	410	U
205-99-2	Benzo[b]fluoranthene	58	J
207-08-9	Benzo[k]fluoranthene	60	J
50-32-8	Benzo[a]pyrene	57	J
193-39-5	Indeno[1,2,3-cd]pyrene	410	U
53-70-3	Dibenz[a,h]anthracene	410	U
191-24-2	Benzo[g,h,i]perylene	410	U

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1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

1-S

Lab Name: ACCREDITED LABS INC. Contract: _____

Lab Code: _____ Case No.: 8255 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 0214301

Sample wt/vol: 30 (g/ml) G Lab File ID: E1823.D

Level: (low/med) LOW Date Received: _____

% Moisture: 14.6 decanted:(Y/N) N Date Extracted: 11/8/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
000062-75-9	N-Nitrosodimethylamine	390	U
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)ether	390	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
100-51-6	Benzyl alcohol	390	U
95-50-1	1,2-Dichlorobenzene	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	bis(2-chloroisopropyl)ether	390	U
106-44-5	3&4-Methylphenol	390	U
621-64-7	N-Nitroso-di-n-propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
000065-85-0	Benzoic Acid	2000	U
111-91-1	bis(2-Chloroethoxy)methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	12000 ✓	E
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-57-6	2-Methylnaphthalene	6500 ✓	E
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	390	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	390	U
131-11-3	Dimethylphthalate	390	U
208-96-8	Acenaphthylene	390	U
99-09-2	3-Nitroaniline	390	U
83-32-9	Acenaphthene	270	J
51-28-5	2,4-Dinitrophenol	390	U
100-02-7	4-Nitrophenol	390	U

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1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

1-S

Lab Name: ACCREDITED LABS INC. Contract:

Lab Code: Case No.: 8255 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0214301

Sample wt/vol: 30 (g/ml) G Lab File ID: E1823.D

Level: (low/med) LOW Date Received:

% Moisture: 14.6 decanted:(Y/N) N Date Extracted: 11/8/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
132-64-9	Dibenzofuran	140	J
606-20-2	2,6-Dinitrotoluene	390	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	310	J
100-01-6	4-Nitroaniline	390	U
534-52-1	4,6-Dinitro-2-methylphenol	390	U
86-30-6	n-Nitrosodiphenylamine	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	390	U
85-01-8	Phenanthrene	950	
120-12-7	Anthracene	160	J
84-74-2	Di-n-butylphthalate	390	U
206-44-0	Fluoranthene	590	
129-00-0	Pyrene	1000	
85-68-7	Butylbenzylphthalate	61	J
91-94-1	3,3'-Dichlorobenzidine	390	U
56-55-3	Benzo[a]anthracene	220	J
117-81-7	bis(2-Ethylhexyl)phthalate	80	J
218-01-9	Chrysene	250	J
117-84-0	Di-n-octylphthalate	390	U
205-99-2	Benzo[b]fluoranthene	180	J
207-08-9	Benzo[k]fluoranthene	250	J
50-32-8	Benzo[a]pyrene	210	J
193-39-5	Indeno[1,2,3-cd]pyrene	62	J
53-70-3	Dibenz[a,h]anthracene	390	U
191-24-2	Benzo[g,h,i]perylene	67	J

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1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

1-SDL

Lab Name: ACCREDITED LABS INC. Contract: _____

Lab Code: _____ Case No.: 8255 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 0214301DL

Sample wt/vol: 30 (g/ml) G Lab File ID: E1843.D

Level: (low/med) LOW Date Received: _____

% Moisture: 14.6 decanted:(Y/N) N Date Extracted: 11/8/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/15/02

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
000062-75-9	N-Nitrosodimethylamine	2000	U
108-95-2	Phenol	2000	U
111-44-4	bis(2-Chloroethyl)ether	2000	U
95-57-8	2-Chlorophenol	2000	U
541-73-1	1,3-Dichlorobenzene	2000	U
106-46-7	1,4-Dichlorobenzene	2000	U
100-51-6	Benzyl alcohol	2000	U
95-50-1	1,2-Dichlorobenzene	2000	U
95-48-7	2-Methylphenol	2000	U
108-60-1	bis(2-chloroisopropyl)ether	2000	U
106-44-5	3&4-Methylphenol	2000	U
621-64-7	N-Nitroso-di-n-propylamine	2000	U
67-72-1	Hexachloroethane	2000	U
98-95-3	Nitrobenzene	2000	U
78-59-1	Isophorone	2000	U
88-75-5	2-Nitrophenol	2000	U
105-67-9	2,4-Dimethylphenol	2000	U
000065-85-0	Benzoic Acid	9800	U
111-91-1	bis(2-Chloroethoxy)methane	2000	U
120-83-2	2,4-Dichlorophenol	2000	U
120-82-1	1,2,4-Trichlorobenzene	2000	U
91-20-3	Naphthalene ✓	12000 ✓	D
106-47-8	4-Chloroaniline	2000	U
87-68-3	Hexachlorobutadiene	2000	U
59-50-7	4-Chloro-3-methylphenol	2000	U
91-57-6	2-Methylnaphthalene	6700	D
77-47-4	Hexachlorocyclopentadiene	2000	U
88-06-2	2,4,6-Trichlorophenol	2000	U
95-95-4	2,4,5-Trichlorophenol	2000	U
91-58-7	2-Chloronaphthalene	2000	U
88-74-4	2-Nitroaniline	2000	U
131-11-3	Dimethylphthalate	2000	U
208-96-8	Acenaphthylene	2000	U
99-09-2	3-Nitroaniline	2000	U
83-32-9	Acenaphthene	260 ✓	JD
51-28-5	2,4-Dinitrophenol	2000	U
100-02-7	4-Nitrophenol	2000	U

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1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

1-SDL

Lab Name: ACCREDITED LABS INC. Contract:

Lab Code: Case No.: 8255 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0214301DL

Sample wt/vol: 30 (g/ml) G Lab File ID: E1843.D

Level: (low/med) LOW Date Received:

% Moisture: 14.6 decanted:(Y/N) N Date Extracted: 11/8/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/15/02

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
132-64-9	Dibenzofuran	2000	U
606-20-2	2,6-Dinitrotoluene	2000	U
121-14-2	2,4-Dinitrotoluene	2000	U
84-66-2	Diethylphthalate	2000	U
7005-72-3	4-Chlorophenyl-phenylether	2000	U
86-73-7	Fluorene	260	JD
100-01-6	4-Nitroaniline	2000	U
534-52-1	4,6-Dinitro-2-methylphenol	2000	U
86-30-6	n-Nitrosodiphenylamine	2000	U
101-55-3	4-Bromophenyl-phenylether	2000	U
118-74-1	Hexachlorobenzene	2000	U
87-86-5	Pentachlorophenol	2000	U
85-01-8	Phenanthrene	820	JD
120-12-7	Anthracene	2000	U
84-74-2	Di-n-butylphthalate	2000	U
206-44-0	Fluoranthene	630	JD
129-00-0	Pyrene	580	JD
85-68-7	Butylbenzylphthalate	2000	U
91-94-1	3,3'-Dichlorobenzidine	2000	U
56-55-3	Benzo[a]anthracene	220	JD
117-81-7	bis(2-Ethylhexyl)phthalate	2000	U
218-01-9	Chrysene	220	JD
117-84-0	Di-n-octylphthalate	2000	U
205-99-2	Benzo[b]fluoranthene	2000	U
207-08-9	Benzo[k]fluoranthene	2000	U
50-32-8	Benzo[a]pyrene	2000	U
193-39-5	Indeno[1,2,3-cd]pyrene	2000	U
53-70-3	Dibenz[a,h]anthracene	2000	U
191-24-2	Benzo[g,h,i]perylene	2000	U

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1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

5-S

Lab Name: ACCREDITED LABS INC. Contract:

Lab Code: Case No.: 8255 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0214302

Sample wt/vol: 30 (g/ml) G Lab File ID: E1824.D

Level: (low/med) LOW Date Received:

% Moisture: 32.1 decanted:(Y/N) N Date Extracted: 11/8/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
000062-75-9	N-Nitrosodimethylamine	490	U
108-95-2	Phenol	490	U
111-44-4	bis(2-Chloroethyl)ether	490	U
95-57-8	2-Chlorophenol	490	U
541-73-1	1,3-Dichlorobenzene	490	U
106-46-7	1,4-Dichlorobenzene	490	U
100-51-6	Benzyl alcohol	490	U
95-50-1	1,2-Dichlorobenzene	490	U
95-48-7	2-Methylphenol	490	U
108-60-1	bis(2-chloroisopropyl)ether	490	U
106-44-5	3&4-Methylphenol	490	U
621-64-7	N-Nitroso-di-n-propylamine	490	U
67-72-1	Hexachloroethane	490	U
98-95-3	Nitrobenzene	490	U
78-59-1	Isophorone	490	U
88-75-5	2-Nitrophenol	490	U
105-67-9	2,4-Dimethylphenol	490	U
000065-85-0	Benzoic Acid	2500	U
111-91-1	bis(2-Chloroethoxy)methane	490	U
120-83-2	2,4-Dichlorophenol	490	U
120-82-1	1,2,4-Trichlorobenzene	490	U
91-20-3	Naphthalene	110	J
106-47-8	4-Chloroaniline	490	U
87-68-3	Hexachlorobutadiene	490	U
59-50-7	4-Chloro-3-methylphenol	490	U
91-57-6	2-Methylnaphthalene	83	J
77-47-4	Hexachlorocyclopentadiene	490	U
88-06-2	2,4,6-Trichlorophenol	490	U
95-95-4	2,4,5-Trichlorophenol	490	U
91-58-7	2-Chloronaphthalene	490	U
88-74-4	2-Nitroaniline	490	U
131-11-3	Dimethylphthalate	490	U
208-96-8	Acenaphthylene	300	J
99-09-2	3-Nitroaniline	490	U
83-32-9	Acenaphthene	250	J
51-28-5	2,4-Dinitrophenol	490	U
100-02-7	4-Nitrophenol	490	U

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1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

5-S

Lab Name: ACCREDITED LABS INC. Contract: _____

Lab Code: _____ Case No.: 8255 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 0214302

Sample wt/vol: 30 (g/ml) G Lab File ID: E1824.D

Level: (low/med) LOW Date Received: _____

% Moisture: 32.1 decanted:(Y/N) N Date Extracted: 11/8/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
132-64-9	Dibenzofuran	540	
606-20-2	2,6-Dinitrotoluene	490	U
121-14-2	2,4-Dinitrotoluene	490	U
84-66-2	Diethylphthalate	490	U
7005-72-3	4-Chlorophenyl-phenylether	490	U
86-73-7	Fluorene	820	
100-01-6	4-Nitroaniline	490	U
534-52-1	4,6-Dinitro-2-methylphenol	490	U
86-30-6	n-Nitrosodiphenylamine	490	U
101-55-3	4-Bromophenyl-phenylether	490	U
118-74-1	Hexachlorobenzene	490	U
87-86-5	Pentachlorophenol	490	U
85-01-8	Phenanthrene	5200	
120-12-7	Anthracene	1800	
84-74-2	Di-n-butylphthalate	490	U
206-44-0	Fluoranthene	4000	
129-00-0	Pyrene	7800	
85-68-7	Butylbenzylphthalate	490	U
91-94-1	3,3'-Dichlorobenzidine	490	U
56-55-3	Benzo[a]anthracene	1800	
117-81-7	bis(2-Ethylhexyl)phthalate	68	J
218-01-9	Chrysene	1700	
117-84-0	Di-n-octylphthalate	490	U
205-99-2	Benzo[b]fluoranthene	1500	
207-08-9	Benzo[k]fluoranthene	1300	
50-32-8	Benzo[a]pyrene	1600	
193-39-5	Indeno[1,2,3-cd]pyrene	450	J
53-70-3	Dibenz[a,h]anthracene	200	J
191-24-2	Benzo[g,h,i]perylene	390	J

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1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

8-S

Lab Name: ACCREDITED LABS INC. Contract:

Lab Code: Case No.: 8255 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0214303

Sample wt/vol: 30 (g/ml) G Lab File ID: E1825.D

Level: (low/med) LOW Date Received:

% Moisture: 27.6 decanted:(Y/N) N Date Extracted: 11/8/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
000062-75-9	N-Nitrosodimethylamine	460	U
108-95-2	Phenol	460	U
111-44-4	bis(2-Chloroethyl)ether	460	U
95-57-8	2-Chlorophenol	460	U
541-73-1	1,3-Dichlorobenzene	460	U
106-46-7	1,4-Dichlorobenzene	460	U
100-51-6	Benzyl alcohol	460	U
95-50-1	1,2-Dichlorobenzene	460	U
95-48-7	2-Methylphenol	460	U
108-60-1	bis(2-chloroisopropyl)ether	460	U
106-44-5	3&4-Methylphenol	160	J
621-64-7	N-Nitroso-di-n-propylamine	460	U
67-72-1	Hexachloroethane	460	U
98-95-3	Nitrobenzene	460	U
78-59-1	Isophorone	460	U
88-75-5	2-Nitrophenol	460	U
105-67-9	2,4-Dimethylphenol	460	U
000065-85-0	Benzoic Acid	2300	U
111-91-1	bis(2-Chloroethoxy)methane	460	U
120-83-2	2,4-Dichlorophenol	460	U
120-82-1	1,2,4-Trichlorobenzene	460	U
91-20-3	Naphthalene	460	U
106-47-8	4-Chloroaniline	460	U
87-68-3	Hexachlorobutadiene	460	U
59-50-7	4-Chloro-3-methylphenol	460	U
91-57-6	2-Methylnaphthalene	460	U
77-47-4	Hexachlorocyclopentadiene	460	U
88-06-2	2,4,6-Trichlorophenol	460	U
95-95-4	2,4,5-Trichlorophenol	460	U
91-58-7	2-Chloronaphthalene	460	U
88-74-4	2-Nitroaniline	460	U
131-11-3	Dimethylphthalate	460	U
208-96-8	Acenaphthylene	460	U
99-09-2	3-Nitroaniline	460	U
83-32-9	Acenaphthene	460	U
51-28-5	2,4-Dinitrophenol	460	U
100-02-7	4-Nitrophenol	460	U

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1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

8-S

Lab Name: ACCREDITED LABS INC. Contract: _____

Lab Code: _____ Case No.: 8255 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 0214303

Sample wt/vol: 30 (g/ml) G Lab File ID: E1825.D

Level: (low/med) LOW Date Received: _____

% Moisture: 27.6 decanted:(Y/N) N Date Extracted: 11/8/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
132-64-9	Dibenzofuran	460	U
606-20-2	2,6-Dinitrotoluene	460	U
121-14-2	2,4-Dinitrotoluene	460	U
84-66-2	Diethylphthalate	460	U
7005-72-3	4-Chlorophenyl-phenylether	460	U
86-73-7	Fluorene	460	U
100-01-6	4-Nitroaniline	460	U
534-52-1	4,6-Dinitro-2-methylphenol	460	U
86-30-6	n-Nitrosodiphenylamine	460	U
101-55-3	4-Bromophenyl-phenylether	460	U
118-74-1	Hexachlorobenzene	460	U
87-86-5	Pentachlorophenol	460	U
85-01-8	Phenanthrene	140	J
120-12-7	Anthracene	460	U
84-74-2	Di-n-butylphthalate	460	U
206-44-0	Fluoranthene	100	J
129-00-0	Pyrene	190	J
85-68-7	Butylbenzylphthalate	460	U
91-94-1	3,3'-Dichlorobenzidine	460	U
56-55-3	Benzo[a]anthracene	460	U
117-81-7	bis(2-Ethylhexyl)phthalate	460	U
218-01-9	Chrysene	54	J
117-84-0	Di-n-octylphthalate	460	U
205-99-2	Benzo[b]fluoranthene	47	J
207-08-9	Benzo[k]fluoranthene	53	J
50-32-8	Benzo[a]pyrene	460	U
193-39-5	Indeno[1,2,3-cd]pyrene	460	U
53-70-3	Dibenz[a,h]anthracene	460	U
191-24-2	Benzo[g,h,i]perylene	460	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

8-S

Lab Name: ACCREDITED LABS INC. Contract: _____

Lab Code: _____ Case No.: 8255 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 0214303

Sample wt/vol: 30 (g/ml) G Lab File ID: E1825.D

Level: (low/med) LOW Date Received: _____

% Moisture: 27.6 decanted:(Y/N) N Date Extracted: 11/8/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
132-64-9	Dibenzofuran	460	U
606-20-2	2,6-Dinitrotoluene	460	U
121-14-2	2,4-Dinitrotoluene	460	U
84-66-2	Diethylphthalate	460	U
7005-72-3	4-Chlorophenyl-phenylether	460	U
86-73-7	Fluorene	460	U
100-01-6	4-Nitroaniline	460	U
534-52-1	4,6-Dinitro-2-methylphenol	460	U
86-30-6	n-Nitrosodiphenylamine	460	U
101-55-3	4-Bromophenyl-phenylether	460	U
118-74-1	Hexachlorobenzene	460	U
87-86-5	Pentachlorophenol	460	U
85-01-8	Phenanthrene	140	J
120-12-7	Anthracene	460	U
84-74-2	Di-n-butylphthalate	460	U
206-44-0	Fluoranthene	100	J
129-00-0	Pyrene	190	J
85-68-7	Butylbenzylphthalate	460	U
91-94-1	3,3'-Dichlorobenzidine	460	U
56-55-3	Benzo[a]anthracene	460	U
117-81-7	bis(2-Ethylhexyl)phthalate	460	U
218-01-9	Chrysene	54	J
117-84-0	Di-n-octylphthalate	460	U
205-99-2	Benzo[b]fluoranthene	47	J
207-08-9	Benzo[k]fluoranthene	53	J
50-32-8	Benzo[a]pyrene	460	U
193-39-5	Indeno[1,2,3-cd]pyrene	460	U
53-70-3	Dibenz[a,h]anthracene	460	U
191-24-2	Benzo[g,h,i]perylene	460	U

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1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

3-S

Lab Name: ACCREDITED LABS INC. Contract:

Lab Code: Case No.: 8255 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0214304

Sample wt/vol: 30 (g/ml) G Lab File ID: E1826.D

Level: (low/med) LOW Date Received:

% Moisture: 45.3 decanted:(Y/N) N Date Extracted: 11/8/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
000062-75-9	N-Nitrosodimethylamine	610	U
108-95-2	Phenol	610	U
111-44-4	bis(2-Chloroethyl)ether	610	U
95-57-8	2-Chlorophenol	610	U
541-73-1	1,3-Dichlorobenzene	610	U
106-46-7	1,4-Dichlorobenzene	610	U
100-51-6	Benzyl alcohol	610	U
95-50-1	1,2-Dichlorobenzene	610	U
95-48-7	2-Methylphenol	610	U
108-60-1	bis(2-chloroisopropyl)ether	610	U
106-44-5	3&4-Methylphenol	610	U
621-64-7	N-Nitroso-di-n-propylamine	610	U
67-72-1	Hexachloroethane	610	U
98-95-3	Nitrobenzene	610	U
78-59-1	Isophorone	610	U
88-75-5	2-Nitrophenol	610	U
105-67-9	2,4-Dimethylphenol	610	U
000065-85-0	Benzoic Acid	3000	U
111-91-1	bis(2-Chloroethoxy)methane	610	U
120-83-2	2,4-Dichlorophenol	610	U
120-82-1	1,2,4-Trichlorobenzene	610	U
91-20-3	Naphthalene	62	J
106-47-8	4-Chloroaniline	610	U
87-68-3	Hexachlorobutadiene	610	U
59-50-7	4-Chloro-3-methylphenol	610	U
91-57-6	2-Methylnaphthalene	610	U
77-47-4	Hexachlorocyclopentadiene	610	U
88-06-2	2,4,6-Trichlorophenol	610	U
95-95-4	2,4,5-Trichlorophenol	610	U
91-58-7	2-Chloronaphthalene	610	U
88-74-4	2-Nitroaniline	610	U
131-11-3	Dimethylphthalate	610	U
208-96-8	Acenaphthylene	610	U
99-09-2	3-Nitroaniline	610	U
83-32-9	Acenaphthene	180	J
51-28-5	2,4-Dinitrophenol	610	U
100-02-7	4-Nitrophenol	610	U

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1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

3-S

Lab Name: ACCREDITED LABS INC. Contract:

Lab Code: Case No.: 8255 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0214304

Sample wt/vol: 30 (g/ml) G Lab File ID: E1826.D

Level: (low/med) LOW Date Received:

% Moisture: 45.3 decanted:(Y/N) N Date Extracted: 11/8/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
132-64-9	Dibenzofuran	610	U
606-20-2	2,6-Dinitrotoluene	610	U
121-14-2	2,4-Dinitrotoluene	610	U
84-66-2	Diethylphthalate	610	U
7005-72-3	4-Chlorophenyl-phenylether	610	U
86-73-7	Fluorene	74	J
100-01-6	4-Nitroaniline	610	U
534-52-1	4,6-Dinitro-2-methylphenol	610	U
86-30-6	n-Nitrosodiphenylamine	610	U
101-55-3	4-Bromophenyl-phenylether	610	U
118-74-1	Hexachlorobenzene	610	U
87-86-5	Pentachlorophenol	610	U
85-01-8	Phenanthrene	99	J
120-12-7	Anthracene	610	U
84-74-2	Di-n-butylphthalate	610	U
206-44-0	Fluoranthene	120	J
129-00-0	Pyrene	230	J
85-68-7	Butylbenzylphthalate	610	U
91-94-1	3,3'-Dichlorobenzidine	610	U
56-55-3	Benzo[a]anthracene	65	J
117-81-7	bis(2-Ethylhexyl)phthalate	61	J
218-01-9	Chrysene	62	J
117-84-0	Di-n-octylphthalate	610	U
205-99-2	Benzo[b]fluoranthene	62	J
207-08-9	Benzo[k]fluoranthene	64	J
50-32-8	Benzo[a]pyrene	60	J
193-39-5	Indeno[1,2,3-cd]pyrene	610	U
53-70-3	Dibenz[a,h]anthracene	610	U
191-24-2	Benzo[g,h,i]perylene	610	U

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ACCREDITED LABORATORIES, INC.
INORGANIC ANALYSIS DATA SHEET

Case #: 8255
Sample #: 0214296
Field ID: 1-A
Client Name: GE

Matrix: Aqueous
Date Received: 11/06/02

CAS No.	Element	Result UG/L	MDL UG/L	Dilution Factor	Method	Date Analyzed
7440-36-0	Antimony	ND	10.0	1	P	11/11/02
7440-38-2	Arsenic	36.8	10.0	1	P	11/11/02
7440-41-7	Beryllium	ND	5.00	1	P	11/11/02
7440-43-9	Cadmium	ND	5.00	1	P	11/11/02
7440-47-3	Chromium	52.6	10.0	1	P	11/11/02
7440-50-8	Copper	218	10.0	1	P	11/11/02
7439-92-1	Lead	481	10.0	1	P	11/11/02
7439-97-6	Mercury	ND	1.00	2	CV	11/12/02
7440-02-0	Nickel	117	10.0	1	P	11/11/02
7782-49-2	Selenium	ND	10.0	1	P	11/11/02
7440-22-4	Silver	ND	5.00	1	P	11/11/02
7440-28-0	Thallium	ND	10.0	1	P	11/11/02
7440-66-6	Zinc	269	100	1	P	11/11/02

ND - Element analyzed for but not detected.
P - Analyzed by ICP
F - Analyzed by GFA
CV - Analyzed by Cold Vapor
A - Analyzed by flame AA

ACCREDITED LABORATORIES, INC.
INORGANIC ANALYSIS DATA SHEET

Case #: 8255
Sample #: 0214297
Field ID: 5-A
Client Name: GE

Matrix: Aqueous
Date Received: 11/06/02

CAS No.	Element	Result UG/L	MDL UG/L	Dilution Factor	Method	Date Analyzed
7440-36-0	Antimony	ND	10.0	1	P	11/11/02
7440-38-2	Arsenic	66.0	10.0	1	P	11/11/02
7440-41-7	Beryllium	14.9	5.00	1	P	11/11/02
7440-43-9	Cadmium	7.19	5.00	1	P	11/11/02
7440-47-3	Chromium	427	10.0	1	P	11/11/02
7440-50-8	Copper	328	10.0	1	P	11/11/02
7439-92-1	Lead	4140	10.0	1	P	11/11/02
7439-97-6	Mercury	ND	1.00	2	CV	11/12/02
7440-02-0	Nickel	408	10.0	1	P	11/11/02
7782-49-2	Selenium	ND	10.0	1	P	11/11/02
7440-22-4	Silver	ND	5.00	1	P	11/11/02
7440-28-0	Thallium	ND	10.0	1	P	11/11/02
7440-66-6	Zinc	4250	100	1	P	11/11/02

ND - Element analyzed for but not detected.
P - Analyzed by ICP
F - Analyzed by GFA
CV - Analyzed by Cold Vapor
A - Analyzed by flame AA

ACCREDITED LABORATORIES, INC.
INORGANIC ANALYSIS DATA SHEET

Case #: 8255
Sample #: 0214301
Field ID: 1-S
Client Name: GE

Matrix: Soil
Date Received: 11/06/02

CAS No.	Element	Result MG/KG	MDL MG/KG	Dilution Factor	Method	Date Analyzed
7440-36-0	Antimony	ND	1.85	1	P	11/08/02
7440-38-2	Arsenic	4.14	1.85	1	P	11/08/02
7440-41-7	Beryllium	ND	.371	1	P	11/08/02
7440-43-9	Cadmium	ND	.371	1	P	11/08/02
7440-47-3	Chromium	17.9	.741	1	P	11/08/02
7440-50-8	Copper	42.5	.741	1	P	11/08/02
7439-92-1	Lead	49.3	7.41	1	P	11/08/02
7439-97-6	Mercury	ND	.351	1	CV	11/08/02
7440-02-0	Nickel	34.8	.741	1	P	11/08/02
7782-49-2	Selenium	ND	1.85	1	P	11/08/02
7440-22-4	Silver	ND	.741	1	P	11/08/02
7440-28-0	Thallium	ND	1.85	1	P	11/08/02
7440-66-6	Zinc	45.9	7.41	1	P	11/08/02

Percent Solid of 85.4 is used for all target elements

ND - Element analyzed for but not detected.
P - Analyzed by ICP
CV - Analyzed by Cold Vapor
F - Analyzed by GFA
A - Analyzed by flame AA

ACCREDITED LABORATORIES, INC.
INORGANIC ANALYSIS DATA SHEET

Case #: 8255
Sample #: 0214302
Field ID: 5-S
Client Name: GE

Matrix: Soil
Date Received: 11/06/02

CAS No.	Element	Result MG/KG	MDL MG/KG	Dilution Factor	Method	Date Analyzed
7440-36-0	Antimony	ND	2.33	1	P	11/08/02
7440-38-2	Arsenic	6.66	2.33	1	P	11/08/02
7440-41-7	Beryllium	ND	.466	1	P	11/08/02
7440-43-9	Cadmium	ND	.466	1	P	11/08/02
7440-47-3	Chromium	20.8	.932	1	P	11/08/02
7440-50-8	Copper	20.9	.932	1	P	11/08/02
7439-92-1	Lead	42.7	9.32	1	P	11/08/02
7439-97-6	Mercury	ND	.442	1	CV	11/08/02
7440-02-0	Nickel	23.5	.932	1	P	11/08/02
7782-49-2	Selenium	ND	2.33	1	P	11/08/02
7440-22-4	Silver	ND	.932	1	P	11/08/02
7440-28-0	Thallium	ND	2.33	1	P	11/08/02
7440-66-6	Zinc	74.1	9.32	1	P	11/08/02

Percent Solid of 67.9 is used for all target elements

ND - Element analyzed for but not detected.
P - Analyzed by ICP
CV - Analyzed by Cold Vapor
F - Analyzed by GFA
A - Analyzed by flame AA

ACCREDITED LABORATORIES, INC.
INORGANIC ANALYSIS DATA SHEET

Case #: 8255
Sample #: 0214303
Field ID: 8-S
Client Name: GE

Matrix: Soil
Date Received: 11/06/02

CAS No.	Element	Result MG/KG	MDL MG/KG	Dilution Factor	Method	Date Analyzed
7440-36-0	Antimony	ND	2.19	1	P	11/08/02
7440-38-2	Arsenic	5.61	2.19	1	P	11/08/02
7440-41-7	Beryllium	ND	.437	1	P	11/08/02
7440-43-9	Cadmium	ND	.437	1	P	11/08/02
7440-47-3	Chromium	17.5	.874	1	P	11/08/02
7440-50-8	Copper	49.7	.874	1	P	11/08/02
7439-92-1	Lead	349	8.74	1	P	11/08/02
7439-97-6	Mercury	ND	.414	1	CV	11/08/02
7440-02-0	Nickel	31.1	.874	1	P	11/08/02
7782-49-2	Selenium	ND	2.19	1	P	11/08/02
7440-22-4	Silver	ND	.874	1	P	11/08/02
7440-28-0	Thallium	ND	2.19	1	P	11/08/02
7440-66-6	Zinc	101	8.74	1	P	11/08/02

Percent Solid of 72.4 is used for all target elements

ND - Element analyzed for but not detected.
P - Analyzed by ICP
CV - Analyzed by Cold Vapor
F - Analyzed by GFA
A - Analyzed by flame AA

ACCREDITED LABORATORIES, INC.
INORGANIC ANALYSIS DATA SHEET

Case #: 8255
Sample #: 0214304
Field ID: 3-S
Client Name: GE

Matrix: Soil
Date Received: 11/06/02

CAS No.	Element	Result MG/KG	MDL MG/KG	Dilution Factor	Method	Date Analyzed
7440-36-0	Antimony	ND	2.89	1	P	11/08/02
7440-38-2	Arsenic	8.05	2.89	1	P	11/08/02
7440-41-7	Beryllium	ND	.579	1	P	11/08/02
7440-43-9	Cadmium	ND	.579	1	P	11/08/02
7440-47-3	Chromium	22.8	1.16	1	P	11/08/02
7440-50-8	Copper	21.6	1.16	1	P	11/08/02
7439-92-1	Lead	40.1	11.6	1	P	11/08/02
7439-97-6	Mercury	ND	.548	1	CV	11/08/02
7440-02-0	Nickel	90.7	1.16	1	P	11/08/02
7782-49-2	Selenium	ND	2.89	1	P	11/08/02
7440-22-4	Silver	ND	1.16	1	P	11/08/02
7440-28-0	Thallium	ND	2.89	1	P	11/08/02
7440-66-6	Zinc	121	11.6	1	P	11/08/02

Percent Solid of 54.7 is used for all target elements

ND - Element analyzed for but not detected.
P - Analyzed by ICP
F - Analyzed by GFA
CV - Analyzed by Cold Vapor
A - Analyzed by flame AA

APPENDIX H:

SUMMARY TABLES

Summary Table 1

Volatile Organic Compounds in Soil Samples Collected at Sackett Street Terminal and Bond Street Garage, Brooklyn, New York

Sample Designation:		1 - S	3 - S	5 - S	7 - S	8 - S
Sample Date:		11/4/2002	11/5/2002	11/5/2002	11/4/2002	11/5/2002
Units:		ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Compound	Recommended Soil Cleanup Objective* (ug/kg)					
Acetone	NA	ND	ND	ND	ND	71
Ethylbenzene	5500	**49000**	ND	ND	ND	ND
Isopropylbenzene	2300	**10000**	ND	ND	ND	ND
n-Propylbenzene	3700	**24000**	ND	ND	ND	ND
Toluene	1500	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	3300	**49000**	ND	ND	ND	ND
1,2,4 - Trimethylbenzene	10000	**120000**	ND	ND	ND	ND
m,p-Xylene	1200	**120000**	ND	ND	ND	ND
o-Xylene	1200	**7900**	ND	ND	ND	ND
Dilution Factor	~	5000	1	1	1	1

Notes: *Recommended Soil Cleanup Objective as per Technical and Administrative Guidance Memo (TAGM) #4046, New York State Department of Environmental Conservation (NYSDEC), January 24, 1994, as ammended by Memorandum for Determination of Soil Cleanup Levels, NYSDEC, December 20, 2000.

ug/kg = microgram per kilogram = 1 part per billion (ppb).

NA - A Recommended Soil Cleanup Objective is not provided by TAGM #4046.

ND - Compound analyzed for but not detected.

Summary Table 2

Semivolatile Organic Compounds in Soil Samples Collected at Sackett Street Terminal and Bond Street Garage, Brooklyn, New York

Sample Designation:		1 - S	3 - S	5 - S	7 - S	8 - S
Sample Date:		11/4/2002	11/5/2002	11/5/2002	11/4/2002	11/5/2002
Units:		ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Compound	Recommended Soil Cleanup Objective* (ug/kg)					
Napthalene	13000	12000	ND	ND	ND	ND
2-Methylnapthalene	NA	6700	ND	ND	ND	ND
Phenanthrene	50000	950	ND	ND	ND	ND
Fluoranthene	50000	590	ND	4000	ND	ND
Pyrene	50000	1000	ND	7800	ND	ND
Dibenzofuran	NA	ND	ND	ND	ND	ND
Fluorene	50000	ND	ND	820	ND	ND
Phenanthrene	50000	ND	ND	5200	ND	ND
Anthracene	50000	ND	ND	1800	ND	ND
Benzo[a]anthracene	224	ND	ND	**1800**	ND	ND
Chrysene	400	ND	ND	**1700**	ND	ND
Benzo[b]fluoranthrene	220	ND	ND	**1500**	ND	ND
Benzo[k]fluoranthrene	220	ND	ND	**1300**	ND	ND
Benzo[a]pyrene	61	ND	ND	**1600**	ND	ND
Dilution Factor	-	5	1	1	1	1

Notes: *Recommended Soil Cleanup Objective as per Technical and Administrative Guidance Memo (TAGM) #4046, New York State Department of Environmental Conservation (NYSDEC), January 24, 1994, as ammended by Memorandum for Determination of Soil Cleanup Levels, NYSDEC, December 20, 2000.

ug/kg = microgram per kilogram = 1 part per billion (ppb).

NA - A Recommended Soil Cleanup Objective is not provided by TAGM #4046.

ND - Compound analyzed for but not detected.

Summary Table 3

Priority Pollutant Metals in Soil Samples Collected at
Sackett Street Terminal and Bond Street Garage, Brooklyn, New York

Sample Designation:		1 - S	3 - S	5 - S	7 - S	8 - S
Sample Date:		11/4/2002	11/5/2002	11/5/2002	11/4/2002	11/5/2002
Units:		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Metal	Recommended Soil Cleanup Objective* (mg/kg)					
Arsenic	7.5 or SB	4.14	**8.05**	6.66	ND	5.61
Chromium	10.0 or SB	**17.9**	**22.8**	**20.8**	5.35	**17.5**
Copper	25.0 or SB	**42.5**	21.6	20.9	7.18	**49.7**
Lead	SB**	49.3	40.1	42.7	40.4	349
Nickel	13 or SB	**34.8**	**90.7**	**23.5**	7.89	**31.1**
Zinc	20 or SB	**45.9**	**121**	**74.1**	**22.4**	**101**

Notes: *Recommended Soil Cleanup Objective as per Technical and Administrative Guidance Memo (TAGM) #4046, New York State Department of Environmental Conservation (NYSDEC), January 24, 1994, as ammended by Memorandum for Determination of Soil Cleanup Levels, NYSDEC, December 20, 2000.

** Background levels for lead vary widely. Average levels in undeveloped, rural areas may range from 4-61 ppm. Average background levels in metropolitan or suburban areas or near higheays are much higher and typically range from 200 to 500 mg/kg.

mg/kg = milligram per kilogram = 1 part per million (ppm).

SB - New York State Background.

ND - Element analyzed for but not detected.

Summary Table 4

Volatile Organic Compounds in Groundwater Samples Collected at Sackett Street Terminal and Bond Street Garage, Brooklyn, New York

Sample Designation:		1 - A	3 - A	5 - A	7 - A	8 - A
Sample Date:		11/4/2002	11/5/2002	11/5/2002	11/4/2002	11/5/2002
Units:		ug/L	ug/L	ug/L	ug/L	ug/L
Compound	Ambient Water Quality Standard or Guidance Value* (ug/L)					
Acetone	50	ND	15	ND	ND	**56**
Ethylbenzene	5	**2700**	**5**	ND	ND	ND
Isopropylbenzene	5	**260**	ND	ND	ND	ND
n-Propylbenzene	5	**320**	ND	ND	ND	ND
Toluene	5	**180**	ND	**15**	ND	ND
1,3,5-Trimethylbenzene	5	**420**	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	**2600**	**20**	ND	ND	**7**
m,p-Xylene	5	**6000**	**14**	ND	ND	**12**
o-Xylene	5	**500**	ND	ND	ND	ND
Benzene	1	**220**	ND	ND	ND	ND
sec-Butylbenzene	5	**20**	ND	ND	ND	ND
n-Butylbenzene	5	**100**	ND	ND	ND	ND
Methylene Chloride	5	ND	8 B	ND	8 B	8 B
2-Butanone (MEK)	50	ND	ND	10	ND	ND
Dilution Factor	~	100	1	1	1	1

Notes: *Ambient Water Quality Standard or Guidance Value as per Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, Table 1, Water Class GA for Protection For Source of Drinking Water, New York State Department of Environmental Conservation, June 1998 and New York Conservation Rules and Regulations, Chapter X, Part 703.5, Table 1, last ammended August 1999.

ug/L = microgram per liter = 1 part per billion (ppb).

ND - Element analyzed for but not detected.

B - Compound found in associated blank (laboratory comtamination).

MEK - 2-Butanone is also named Methyl ethyl ketone.

Summary Table 5

Semivolatile Organic Compounds in Groundwater Samples Collected at Sackett Street Terminal and Bond Street Garage, Brooklyn, New York

Sample Designation:		1 - A	3 - A	5 - A	7 - A	8 - A
Sample Date:		11/4/2002	11/5/2002	11/5/2002	11/4/2002	11/5/2002
Units:		ug/L	ug/L	ug/L	ug/L	ug/L
Compound	Ambient Water Quality Standard or Guidance Value* (ug/L)					
Naphthalene	10	1700	ND	ND	ND	ND
2-Methylnapthalene	NA	**720**	ND	ND	ND	ND
Acenaphthene	20	**20**	ND	ND	ND	ND
Fluorene	50	**19**	ND	ND	ND	ND
Phenanthrene	50	**82**	ND	ND	ND	ND
Fluoranthene	50	**34**	ND	ND	ND	ND
Pyrene	50	**60**	ND	ND	ND	ND
Dilution Factor	~	20	1	1	1	1

Notes: *Ambient Water Quality Standard or Guidance Value as per Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, Table 1, Water Class GA for Protection For Source of Drinking Water, New York State Department of Environmental Conservation, June 1998 and New York Conservation Rules and Regulations, Chapter X, Part 703.5, Table 1, last ammended August 1999.

ug/L = microgram per liter = 1 part per billion (ppb).

NA - No Ambient Water Quality Standard or Guidance Value is indicated by the NYSDEC.

ND - Element analyzed for but not detected.

Summary Table 6

Priority Pollutant Metals in Groundwater Samples Collected at Sackett Street Terminal and Bond Street Garage, Brooklyn, New York

Sample Designation:		1 - A	5 - A
Sample Date:		11/4/2002	11/5/2002
Units:		ug/L	ug/L
Metal	Ambient Water Quality Standard or Guidance Value* (ug/L)		
Arsenic	25	**36.8**	**66**
Beryllium	3	ND	**14.9**
Cadmiun	5	ND	**7.19**
Chromium	50	**52.6**	**427**
Copper	200	**218**	**328**
Lead	25	**481**	**4140**
Nickel	100	**117**	**408**
Zinc	2000	269	**4250**

Notes: *Ambient Water Quality Standard or Guidance Value as per Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, Table 1, Water Class GA for Protection For Source of Drinking Water, New York State Department of Environmental Conservation, June 1998 and New York Conservation Rules and Regulations, Chapter X, Part 703.5, Table 1, last ammended August 1999.

ug/L = microgram per liter = 1 part per billion (ppb).

ND - Element analyzed for but not detected.

BOND STREET

SIDEWALK

WAREHOUSE

BLOCK 431

THIS AREA NOT INCLUDED IN ESA

OVERHEAD DOORS

2 ASTs FUEL OIL TANKS

GASOLINE UST FILL

4,000 GAL. GASOLINE UST

(4) VENTS

APPROX. LOCATION OF SUSPECTED UST

DRIVEWAY

MONITOR WELL

GP-8

UNION STREET

COVERED FUEL OIL LOADING BAYS

1,000 GAL. FUEL OIL UST

MONITOR WELL

COMPARTMENTED ASTs A,B,C,D&E 1,500,000 GAL. TOTAL

OFFICES

BOILER ROOM

SECURED FUEL OIL LOADING DOCK

BULKHEAD

CONCRETE RETAINING WALL

SPILL CATCHMENT

SACKETT STREET

SIDEWALK

FENCE

OPEN YARD

OFFICES

275 GAL. FUEL OIL ASTs

TRUCK REPAIR GARAGE

275 GAL. FUEL OIL AST

TRUCK REPAIR GARAGE

OVERHEAD DOORS

APPROX. LOCATION OF ABANDONED UST

GP-7

CONC. PAD

FORMER PUMP ISLANDS

APPROX. EXTENT OF UST REMOVAL EXCAVATION

GP-1

FENCE

TRUCK PARKING

BLOCK 424

GP-5

TRUCK PARKING "FORMER COAL POCKET AREA"

FENCE

FENCE

GP-3

FENCE

BULKHEAD

DEGRAW STREET

GOWANUS CANAL

BAYSIDE FUEL OIL DEPOT CORP.

SITE PLAN

JOB NO. 0420-01-001	Golli engineering, P.C. 734 Walt Whitman Road, Suite 402A Melville, New York 11747 631-271-9292 FAX 631-271-9345		
DRAWN AXC			
CHECKED RDG			
APPROVED RDG	DATE 11/25/02	SCALE 1"=50'	DRAWING NO.

Tracer Research
Corporation

Prepared for:

Bayside Fuel Oil Depot
1776 Shore Parkway
Brooklyn, NY 11214

Telephone: 718 732 9800
Facsimile: 718 266 3744
Attn: Scott Vitello

Tracer Tight®
Leak Detection Test of Fuel Oil Storage Tanks

Bayside Fuel Oil
Sacket Street Facility
TANKS A, B, C, D & E

21 August – 20 September 2001

Prepared by:

TRACER RESEARCH CORPORATION (NJ)
1583 Livingston Avenue, Unit 6
North Brunswick, NJ 08902
Telephone: (732) 220 8757
Facsimile: (732) 220 9002

Submitted by:

Ben Duncan
TRACER RESEARCH CORPORATION 36299G

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Appendix B: Analytical Data

Appendix C: Map of Storage Tanks with Sampling Locations

1.0 Sacket Street Facility Leak Testing

Tracer Research Corporation performed *Tracer Tight*® tightness testing on fuel oil storage tanks A, B, C, D and E at Bayside Fuel Oil Depot's Sacket Street Facility located at 510 Sacket Street in Brooklyn, New York between 21 August and 20 September 2001.

On 21 August 2001, Tracer D was injected into Tanks A, C and E, Tracer A into Tank B, and Tracer R into Tank D. Tracers were injected into each tank through a gauging hatch on the roof.

2.0 *Tracer Tight*® Concept

Tracer Tight® testing is a patented process performed by mixing a volatile chemical concentrate, a tracer, with the product inside a tank or pipeline followed by the detection of tracer, underground, in the vapor phase. The tracer is added to the product at very low concentrations. The tracer has no impact on the chemical or physical properties of the product. The tracer chemical, being highly volatile, distributes itself throughout the product in the tank or pipeline as well as into the vapor space above the product.

If a tank or pipeline leaks, the tracer is released into the soil and disperses in all directions through the air porosity of the soil by molecular diffusion. After the tracer has had time to diffuse and migrate away from the leak, soil gas samples are collected from the area surrounding the tank or pipeline. Leak detection monitoring system probes are placed in the back-fill adjacent to the tank or pipeline to collect the tracer vapors that might appear in the soil if there is a leak. The probes are driven into the ground and a small amount of soil gas is pulled by vacuum through each probe. Samples of this soil gas are collected and analyzed for the presence of tracer and hydrocarbons.

3.0 System Installation

The leak detection monitoring system for Tanks A, B, C, D and E is made up of vertical galvanized steel probes placed in the moat sand around the tank farm. Pneumatic and hand pounding tools were used to sink the probes to depths of 4meters and 2meters below the top surface of the tank structure. Each probe is fitted with a brass and PVC *Tracer Tight*® probe cap designed by Tracer Research to remain permanently onsite for future testing.

The leak detection monitoring system was previously installed in the moat area around the tank farm at the Sacket Street facility. During this year's testing, some original probes could not be located. Probe numbers 36, 37, 38 and 39 were re-installed on 22 August 2001. After installation, vacuum measurements were taken from each probe to check soil permeability.

4.0 Leak Simulation

Tracer Tight® probe # 21 was used as a leak simulation probe. Immediately prior to tank inoculation, a small quantity of Tracer C, different from the tracers in the tanks, was injected into the soil at the bottom of the leak simulation probe. This tracer was used to simulate the migration and detection of a test tracer leaking from the bottom of the tank during the test. The information obtained from this simulation was used to confirm proper system design and sufficient soil permeability.

5.0 Results

Tanks A, B, C, D and E were *Tracer Tight®* leak tested. Background samples were collected from the leak detection monitoring system before the test began on 21 August 2001. Inoculation of the leak simulation probe and the tank occurred on the same day. Samples were collected in dedicated vacuum canisters from the probes adjacent to the tanks 1week and 4weeks after inoculation. All samples were analyzed at the Tracer Research Corporation laboratory in Tucson, Arizona.

Based upon the results of the sample analyses, Tanks A, B, C, D and E all **PASSED** the *Tracer Tight®* leak testing. Certification is in Appendix A.

The criteria for passing these tanks was based on the absence of tracer detected above a threshold value of 0.1 µg/L. Failure of the *Tracer Tight®* leak test requires the confirmed presence of tracer concentrations above the threshold.

Vacuum readings observed during sampling indicated that soil porosity was sufficient for tracer migration and the detection of possible leaks.

The data for the *Tracer Tight®* tests are presented in Appendix B. A Map depicting the locations of sample collection can be found in Appendix C.

APPENDIX A: Tank Certification

Tracer Research
Corporation

Tracer Tight® Leak Detection Certification

15 March 2002

Fac: Sacket

Job: 36299G Sacket

Bayside Fuel Oil, Sacket Street Facility
510 Sacket Street, Brooklyn, NY

Source: DataTrace 2.0

System:	*Volume (gal):*	*Product:*	*Tracer:*	*Status:*
Tank A	500,000	#2 Fuel Oil	D	Passed
Tank B	400,000	#2 Fuel Oil	A	Passed
Tank C	300,000	Diesel Fuel	D	Passed
Tank D	200,000	Kerosene	R	Passed
Tank E	100,000	#2 Fuel Oil	D	Passed

Tracer Research Corporation hereby certifies that the above listed system(s) have been tested by means of *Tracer Tight®*

Submitted By: **Ben Duncan**

Project Manager

Date: **03-15-2002**

Pass Criteria: **No Tracer Detected above failing threshold level (0.1ug/L)**

Fail Criteria: **Confirmed Tracer Detected above failing threshold level**

Certification Pages: Bayside Sacket St (36299G)

Appendix A

APPENDIX B: Data Report

Tracer Research
Tracer Research Corporation
1583 Livingston Ave, Unit 6
North Brunswick NJ 08902

Bayside Fuel Oil, Sacket St Facility
Tanks A, B, C, D & E
Background Data - 21 August 2001

Probe #	Depth meters	Tank B Tracer A ug/L	Simulation Tracer C ug/L	Tanks A,C&E Tracer D ug/L	Tank D Tracer R ug/L	Hydrocarbons TVHC ug/L
1	4	0.0000	0.0000	0.0000	0.0000	0.0000
2	2	0.0000	0.0000	0.0000	0.0000	0.0000
3	4	0.0000	0.0000	0.0000	0.0000	0.0000
4	2	0.0000	0.0000	0.0000	0.0000	0.0000
5	4	0.0000	0.0000	0.0000	0.0000	0.0000
6	2	0.0000	0.0446	0.0000	0.0000	0.0000
7	4	0.0000	0.0000	0.0000	0.0000	0.0000
8	2	0.0000	0.0000	0.0000	0.0000	0.0000
9	4	0.0000	0.0000	0.0000	0.0000	0.0000
10	2	0.0000	0.0000	0.0000	0.0000	0.0000
11	4	0.0000	0.0000	0.0000	0.0000	0.0000
12	2	0.0000	0.0000	0.0000	0.0000	0.0000
13	4	0.0000	0.0000	0.0000	0.0000	0.0000
14	2	0.0000	0.0000	0.0000	0.0000	0.0000
15	4	0.0000	0.0000	0.0000	0.0000	0.0000
16	2	0.0000	0.0000	0.0000	0.0000	0.0000
17	4	0.0000	0.0000	0.0000	0.0000	0.0000
18	2	0.0000	0.0000	0.0000	0.0000	0.0000
19	4	0.0000	0.0000	0.0000	0.0000	0.0000
20	2	0.0000	0.0000	0.0000	0.0000	0.0000
21	4	0.0000	0.0000	0.0000	0.0000	0.0000
22	2	0.0000	0.0000	0.0000	0.0000	0.0000
23	4	0.0000	0.0000	0.0000	0.0000	0.0000
24	2	0.0000	0.0000	0.0000	0.0000	0.0000
25	4	0.0000	0.0000	0.0000	0.0000	0.0000
26	2	0.0000	0.0000	0.0000	0.0000	0.0000
27	4	0.0000	0.0000	0.0000	0.0000	0.0000
28	2	0.0000	0.0000	0.0000	0.0000	0.0000
29	4	0.0000	0.0000	0.0000	0.0000	0.0000
30	2	0.0000	0.0000	0.0000	0.0000	0.0000
31	4	0.0000	0.0000	0.0000	0.0000	0.0000
32	2	0.0000	0.0000	0.0000	0.0000	3.9340
33	4	0.0000	0.0000	0.0000	0.0000	0.0000
34	2	0.0000	0.0000	0.0000	0.0000	0.0000
35	4	0.0000	0.0000	0.0000	0.0000	0.0000
36	2	0.0000	0.0000	0.0000	0.0974	0.0000
37	4	0.0000	0.0000	0.0000	0.1796	0.7730
38	2	0.0000	0.0000	0.0000	0.1818	0.0000
39	4	0.0000	0.0000	0.0000	0.0000	0.0000
40	2	0.0000	0.0000	0.0000	0.0000	0.0000
41	4	0.0000	0.0000	0.0000	0.0000	0.0000
42	2	0.0000	0.0000	0.0000	0.0000	0.0000
43	4	0.0000	0.0000	0.0000	0.0000	0.0000
44	2	0.0000	0.0000	0.0000	0.0000	0.0000

*** TVHC = Total Volatile Hydrocarbons

Tracer Research
Tracer Research Corporation
1583 Livingston Ave, Unit 6
North Brunswick, NJ 08902

Bayside Fuel Oil, Sacket St Facility
Tanks A, B, C, D & E
1week Data - 29 August 2001

Probe #	Depth meters	Tank B Tracer A ug/L	Simulation Tracer C ug/L	Tanks A,C&E Tracer D ug/L	Tank D Tracer R ug/L	Hydrocarbons TVHC ug/L
1	4	0.0000	0.0000	0.0000	0.0000	0.0000
2	2	0.0000	0.0000	0.0000	0.0000	0.0000
3	4	0.0000	0.0000	0.0000	0.0000	0.0000
4	2	0.0000	0.0000	0.0000	0.0000	0.0000
5	4	0.0000	0.0000	0.0000	0.0000	0.0000
6	2	0.0000	0.0426	0.0000	0.0000	0.0000
7	4	0.0000	0.0000	0.0000	0.0000	0.0000
8	2	0.0000	0.0000	0.0000	0.0000	0.0000
9	4	0.0000	0.0000	0.0000	0.0000	0.0000
10	2	0.0000	0.0000	0.0000	0.0000	0.0000
11	4	0.0000	0.0000	0.0000	0.0000	0.0000
12	2	0.0000	0.0000	0.0000	0.0000	0.0000
13	4	0.0000	0.0000	0.0000	0.0000	0.0000
14	2	0.0000	0.0000	0.0000	0.0000	0.0000
15	4	0.0000	0.0000	0.0000	0.0000	0.0000
16	2	0.0000	0.0000	0.0000	0.0000	0.0000
17	4	0.0000	0.0000	0.0000	0.0000	0.0000
18	2	0.0000	0.0000	0.0000	0.0000	0.0000
19	4	0.0000	0.0000	0.0000	0.0000	0.0000
20	2	0.0000	0.0000	0.0000	0.0000	0.0000
21	4	0.0000	8.5855	0.0000	0.0000	0.0000
22	2	0.0000	0.5050	0.0000	0.0000	0.0000
23	4	0.0000	0.0000	0.0000	0.0000	0.0000
24	2	0.0000	0.0000	0.0000	0.0000	0.0000
25	4	0.0000	0.0000	0.0000	0.0000	0.0000
26	2	0.0000	0.0000	0.0000	0.0000	0.0000
27	4	0.0000	0.0000	0.0000	0.0000	0.0000
28	2	0.0000	0.0000	0.0000	0.0000	0.0000
29	4	0.0000	0.0000	0.0000	0.0000	0.0000
30	2	0.0000	0.0000	0.0000	0.0000	0.0000
31	4	0.0000	0.0000	0.0000	0.0000	0.0000
32	2	0.0000	0.0000	0.0000	0.0000	0.0000
33	4	0.0000	0.0000	0.0000	0.0000	0.0000
34	2	0.0000	0.0000	0.0000	0.0000	0.0000
35	4	0.0000	0.0000	0.0000	0.0000	0.0000
36	2	0.0000	0.0000	0.0000	0.0000	0.0000
37	4	0.0000	0.0000	0.0000	0.0000	0.0000
38	2	0.0000	0.0000	0.0000	0.0000	0.0000
39	4	0.0000	0.0000	0.0000	0.0000	0.0000
40	2	0.0000	0.0000	0.0000	0.0000	0.0000
41	4	0.0000	0.0000	0.0000	0.0000	0.0000
42	2	0.0000	0.0000	0.0000	0.0000	0.0000
43	4	0.0000	0.0000	0.0000	0.0000	0.0000
44	2	0.0000	0.0000	0.0000	0.0000	0.0000

*** TVHC = Total Volatile Hydrocarbons

Tracer Research
Tracer Research Corporation
1583 Livingston Ave, Unit 6
North Brunswick, NJ 08902

Bayside Fuel Oil, Sacket St Facility
Tanks A, B, C, D & E
4week Data - 20 September 2001

Probe #	Depth meters	Tank B Tracer A ug/L	Simulation Tracer C ug/L	Tanks A,C&E Tracer D ug/L	Tank D Tracer R ug/L	Hydrocarbons TVHC ug/L
1	4	0.0000	0.0000	0.0000	0.0000	0.0000
2	2	0.0000	0.0000	0.0000	0.0000	0.0000
3	4	0.0000	0.0000	0.0000	0.0000	0.0000
4	2	0.0000	0.0000	0.0000	0.0000	0.0000
5	4	0.0000	0.0000	0.0000	0.0000	0.0000
6	2	0.0000	0.0298	0.0000	0.0000	0.0000
7	4	0.0000	0.0000	0.0000	0.0000	0.0000
8	2	0.0000	0.0000	0.0000	0.0000	0.0000
9	4	0.0000	0.0000	0.0000	0.0000	0.0000
10	2	0.0000	0.0000	0.0000	0.0000	0.0000
11	4	0.0000	0.0000	0.0000	0.0000	0.0000
12	2	0.0000	0.0000	0.0000	0.0000	0.0000
13	4	0.0000	0.0000	0.0000	0.0000	0.0000
14	2	0.0000	0.0000	0.0000	0.0000	0.0000
15	4	0.0000	0.0000	0.0000	0.0000	0.0000
16	2	0.0000	0.0000	0.0000	0.0000	0.0000
17	4	0.0000	0.0000	0.0000	0.0000	0.0000
18	2	0.0000	0.0000	0.0000	0.0000	0.0000
19	4	0.0000	0.0000	0.0000	0.0000	0.0000
20	2	0.0000	0.0000	0.0000	0.0000	0.0000
21	4	0.0000	2.8530	0.0000	0.0000	0.0000
22	2	0.0000	0.0751	0.0000	0.0000	0.0000
23	4	0.0000	0.0000	0.0000	0.0000	0.0000
24	2	0.0000	0.0359	0.0000	0.0000	0.0000
25	4	0.0000	0.0000	0.0000	0.0000	0.0000
26	2	0.0000	0.0000	0.0000	0.0000	0.0000
27	4	0.0000	0.0000	0.0000	0.0000	0.0000
28	2	0.0000	0.0000	0.0000	0.0000	0.0000
29	4	0.0000	0.0000	0.0000	0.0000	0.0000
30	2	0.0000	0.0000	0.0000	0.0000	0.0000
31	4	0.0000	0.0000	0.0000	0.0000	0.0000
32	2	0.0000	0.0000	0.0000	0.0000	0.0000
33	4	0.0000	0.0000	0.0000	0.0000	0.0000
34	2	0.0000	0.0000	0.0000	0.0000	0.0000
35	4	0.0000	0.0000	0.0000	0.0000	0.0000
36	2	0.0000	0.0000	0.0000	0.0000	0.0000
37	4	0.0000	0.0000	0.0000	0.0000	0.7680
38	2	0.0000	0.0000	0.0000	0.0000	0.0000
39	4	0.0000	0.0000	0.0000	0.0000	0.0000
40	2	0.0000	0.0000	0.0000	0.0000	0.0000
41	4	0.0000	0.0000	0.0000	0.0000	0.0000
42	2	0.0000	0.0000	0.0000	0.0000	0.0000
43	4	0.0000	0.0000	0.0000	0.0000	0.0000
44	2	0.0000	0.0000	0.0000	0.0000	0.0000

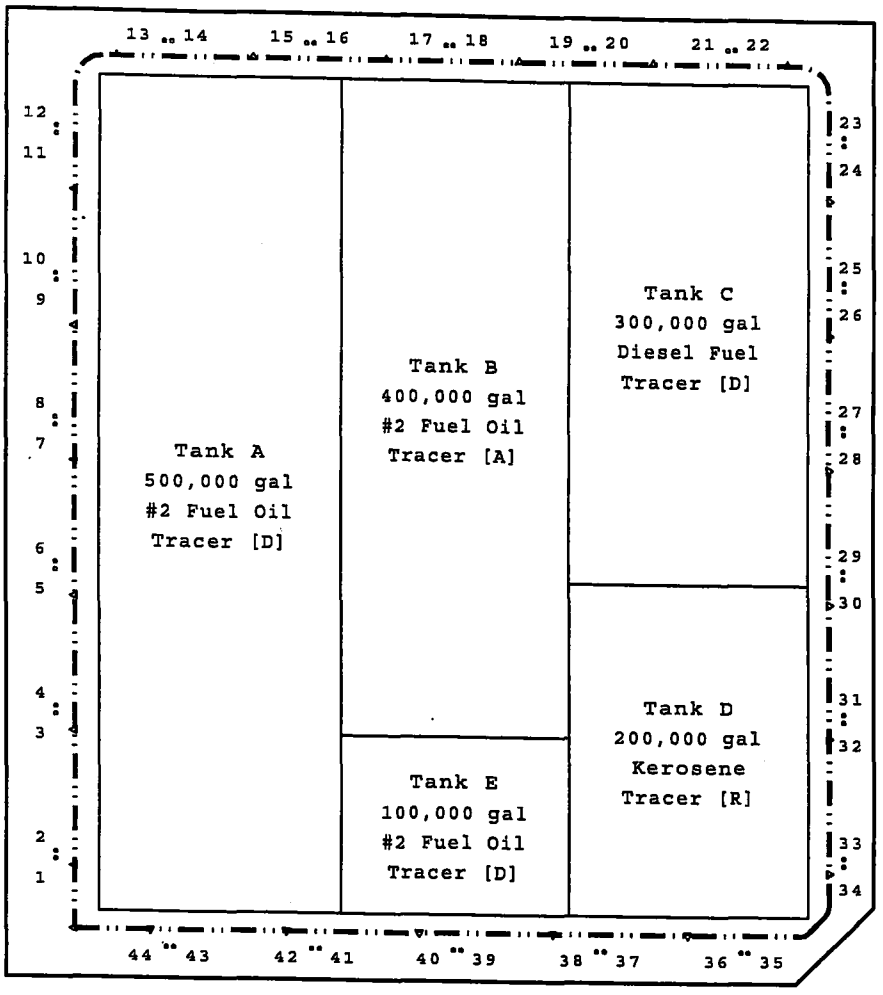
*** TVHC = Total Volatile Hydrocarbons

APPENDIX C: Map of Storage Tanks with Sampling Locations

Tracer Research Corporation

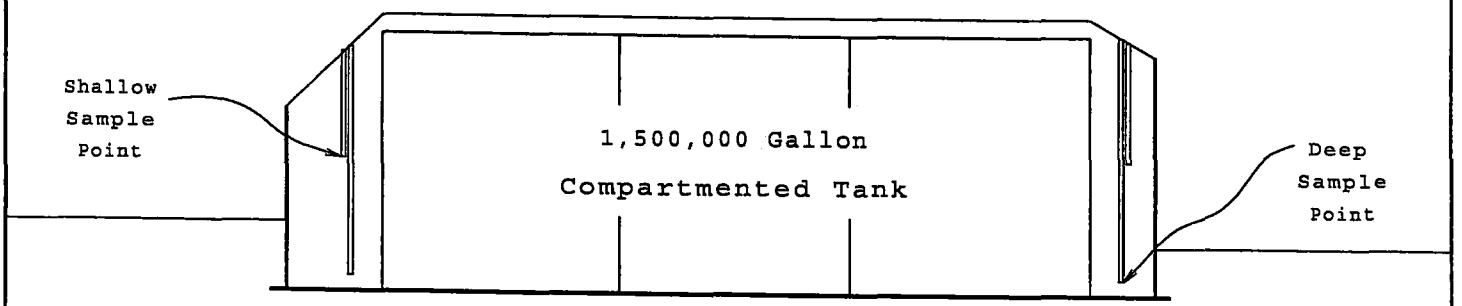
Tracer Research
Corporation

Union Street



Probe Number & Depth	
1-4m	2-2m
3-4m	4-2m
5-4m	6-2m
7-4m	8-2m
9-4m	10-2m
11-4m	12-2m
13-4m	14-2m
15-4m	16-2m
17-4m	18-2m
19-4m	20-2m
21-4m	22-2m
23-4m	24-2m
25-4m	26-2m
27-4m	28-2m
29-4m	30-2m
31-4m	32-2m
33-4m	34-2m
35-4m	36-2m
37-4m	38-2m
39-4m	40-2m
41-4m	42-2m
43-4m	44-2m

Sackett Street



Cross - Section

0 4 8

meters

EXPLANATION

1 Sampling Probe Location

Cathodic Protection System

36299G-0000

BAYSIDE FUEL OIL DEPOT CORPORATION

SACKETT ST. FACILITY

BROOKLYN, NEW YORK

SAMPLING LOCATIONS

Figure 1

Tracer Research
Corporation

Tracer Research Corporation appreciates the opportunity to do business with your organization. We constantly strive to improve our service and are very interested in any comments or suggestions you may have about how we can be more responsive to the needs of your company. Should you have any questions or wish to share your comments about the field work performed, analytical results obtained, or this report, please contact Ben Duncan at (732) 220 8757 or bduncan@tracerresearch.com.

TANK TESTS

TRACER TIGHT®
UNDERGROUND STORAGE TANK
LEAK DETECTION TESTING
for
Bayside Fuel Oil Depot Corporation
November 20 through December 12, 1996
SACKETT STREET AND
SHORE PKWY

Tracer Research Corporation

TRACER TIGHT®
UNDERGROUND STORAGE TANK
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SHORE PKWY

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3.0 TEST SUMMARY ---------- 2

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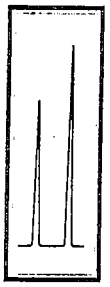

1.0 INTRODUCTION

Tracer Research Corporation (Tracer Research) performed Tracer Tight® Leak Detection testing on five (5) underground storage tanks (USTs) at the Sackett Street Facility and on ten (10) USTs at the Shore Parkway Facility for Bayside Fuel Oil Depot Corporation in Brooklyn, New York. Inoculation of the tanks was conducted on November 20, 1996. Samples were collected on December 11 and analyzed on December 12.

2.0 TEST RESULTS

The results of the Tracer Tight® Test conducted on all tanks show that all have passed the Tracer test. No Tracer was detected. See Table 1a and 1b below for system identification and status:

SACKETT STREET TERMINAL

Table 1a.

Tank #	Test	Type	Volume (gallons)	Product	Tracer	Status
A	Tightness	UST	500,000	Fuel Oil	A	Pass
B	Tightness	UST	400,000	Fuel Oil	A	Pass
C	Tightness	UST	300,000	Fuel Oil	A	Pass
D	Tightness	UST	200,000	Fuel Oil	A	Pass
E	Tightness	UST	100,000	Fuel Oil	A	Pass

SHORE PARKWAY TERMINAL

Table 1b.

Tank #	Test	Type	Volume (gallons)	Product	Tracer	Status
A1	Tightness	UST	315,000	Fuel Oil	A	Pass
A2	Tightness	UST	315,000	Fuel Oil	A	Pass
B1	Tightness	UST	315,000	Fuel Oil	A	Pass
B2	Tightness	UST	315,000	Fuel Oil	A	Pass
C1	Tightness	UST	150,000	Fuel Oil	A	Pass
C2	Tightness	UST	150,000	Fuel Oil	A	Pass
C3	Tightness	UST	150,000	Fuel Oil	A	Pass
D	Tightness	UST	150,000	Fuel Oil	A	Pass
E	Tightness	UST	500,000	Fuel Oil	A	Pass
F	Tightness	UST	500,000	Fuel Oil	A	Pass

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3.0 TEST SUMMARY

The tracer compound was inoculated into each tank November 20, 1996. The tracer was introduced into the product through the gauging hatch on the roof. The tracer was released through a 1/4 inch hose lowered down to the bottom of the tank. The volume of tracer introduced was calculated to achieve a 1 ppm concentration in the product based on the total volume of each tank.

A leak simulation tracer was introduced into a leak simulation probe at the time of inoculation. A unique tracer (*Tracer R*) different from the tracer used for the leak test (*Tracer A)* was introduced through a designated probe. The leak simulation tracer must be detected on the opposite side of the tank than which it was introduced. This would confirm that tracer from any leak could have been detected with the current probe array.

Samples were collected from each probe on December 11. Sample analysis was conducted on December 12. As stated in Tables 1a. and 1b., the tanks have passed the Tracer Tight ® Leak Detection test.

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APPENDIX A: Certification Page

This information is proprietary and may not be transmitted, copied or disclosed in whole or in part without written permission from Tracer Research Corporation.

Certification

Job Number: 30208-000.U
Date: 12/96

Location: **SACKETT STREET TERMINAL**
Bayside Fuel Oil Depot Corporation
Brooklyn, New York

TANK #	SIZE(GAL)	TRACER	PASS/FAIL
A	500,000	A	Pass
B	400,000	A	Pass
C	300,000	A	Pass
D	200,000	A	Pass
E	100,000	A	Pass

Tracer Research Corporation certifies that the tank and product line listed in the above table have been tested by means of Tracer Tight®, which meets the criteria set forth in NFPA 329 for a precision leak test. According to EPA standard test procedures for evaluating leak detection methods, the Tracer Tight® method is capable of detecting leaks of 0.05 gallons per hour with a probability of Detection (P_D) of 0.97 and Probability of False Alarm (P_{FA}) of 0.029.

Submitted by: Marjorie D. Stivers

Marjorie D. Stivers
Tracer Research Corporation

The following criteria are used for the classification of leakage is based on the presence or absence of tracer.

PASS	FAIL
Criteria:	Criteria:
NO tracer detected	tracer detected

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Certification

Job Number: 30208-000.U
Date: 12/96

Location: **SHORE PARKWAY TERMINAL**
Bayside Fuel Oil Depot Corporation
Brooklyn, New York

TANK #	SIZE(GAL)	TRACER	PASS/FAIL
A1	315,000	A	Pass
A2	315,000	A	Pass
B1	315,000	A	Pass
B2	315,000	A	Pass
C1	150,000	A	Pass
C2	150,000	A	Pass
C3	150,000	A	Pass
D	150,000	A	Pass
E	500,000	A	Pass
F	500,000	A	Pass

Tracer Research Corporation certifies that the tank and product line listed in the above table have been tested by means of Tracer Tight®, which meets the criteria set forth in NFPA 329 for a precision leak test. According to EPA standard test procedures for evaluating leak detection methods, the Tracer Tight® method is capable of detecting leaks of 0.05 gallons per hour with a probability of Detection (P_D) of 0.97 and Probability of False Alarm (P_{FA}) of 0.029.

Submitted by: Marjorie D. Stivers

Marjorie D. Stivers
Tracer Research Corporation

The following criteria are used for the classification of leakage is based on the presence or absence of tracer.

PASS	FAIL
Criteria:	Criteria:
NO tracer detected	tracer detected

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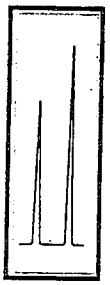

Tracer Research Corporation appreciates the opportunity of being of service to your organization. Because we are constantly striving to improve our service to you, we welcome any comments or suggestions you may have about how we can be more responsive to the needs of your organization. If you have any questions about the field work, analytical results, or this report, please give Marj Stivers or Greg Burchette a call at (800) 303-4523.

Tracer Research Corporation

TRACER TIGHT® LEAK TEST

at

SACKETT STREET FACILITY
Brooklyn, New York
June 1992

Tucson, Arizona
Franklin Park, New Jersey
Emeryville, California
San Antonio, Texas
Brussels, Belgium

Tracer Research Corporation

Prepared for:

BAYSIDE FUEL OIL DEPOT CORPORATION
1776 Shore Parkway
Brooklyn, New York 11214

Telephone: (718) 372-9800
FAX: (718) 266-3744

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Prepared by:

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EASTERN REGIONAL OFFICE
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Monmouth Junction, NJ 08852

Telephone: (908) 274-2922
FAX: (908) 274-2922

TRACER TIGHT® LEAK TEST

at

SACKETT STREET FACILITY
Brooklyn, New York
June 1992

Submitted by:

C. Wesley Pi

Peter Rebro

2-92-499-T

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1.0 SACKETT STREET FACILITY LEAK TEST

Tracer Research Corporation (TRACER) performed *Tracer Tight*® leak testing of a 1,500,000-gallon compartmentalized underground storage tank (UST) at the Sackett Street Facility in Brooklyn, New York. The tank is divided into five tanks containing #2 and #4 fuel oil. Tracer was added to each tank in early June. Testing was conducted June 22 through 25, 1992.

2.0 OBJECTIVES

The objective of this precision tank tightness test was to determine the tightness of five tanks within a 1,500,000-gallon UST at the Sackett Street Facility. Except for Tanks A and C, a different tracer was added to the product in each compartment of the tank. Tracer D was added to the product in Tanks A and C. Soil gas samples were collected from shallow (7 feet) permanent monitoring probes installed around the tank to test the sides of the tank and from longer (21 feet) permanent monitoring probes installed to test the bottom of the tank. The samples were analyzed for the tracers and total volatile hydrocarbons (TVHC). The following table shows the product in each tank, the amount of water and product at the time of inoculation and sampling, and the depth to groundwater in the tank pit.

Table 1. Tank and Groundwater Measurements

Tank #	Product	At Inoculation (inches) Fuel	At Sampling (inches) H_2O	At Sampling (inches) Fuel	Depth to groundwater in tank pit (feet)
A	#2 fuel oil	96	1/8	120	> 21
B	#2 fuel oil	114	0	26	> 21
C	#4 fuel oil	132	N/A	46	> 21
D	#2 fuel oil	66	1/2	72	> 21
E	#4 fuel oil	192	N/A	193	> 21

N/A = Not Available.

3.0 OVERVIEW OF RESULTS

Two rounds of testing were completed on Tanks A, B, C, D, and E. During the first round of testing, 22 soil vapor samples were collected from monitoring probes installed to a depth of 7 feet below grade and 22 soil vapor samples were collected from monitoring probes installed to a depth of 21 feet below grade. The samples were analyzed for Tracers D, B, F, A, and TVHC. No tracers were detected in the samples, indicating the tanks pass the Tracer Tight® leak detection test.

During the second round of testing, 18 soil vapor samples were collected from 18 monitoring probes installed to a depth of 21 feet below ground surface (bgs). Analyses of these samples showed the widespread presence of Tracer C, which was pumped through several probes during the flow field test. (The flow field test is explained further in Section 6.0 of this report.) No Tracers D, B, F, or A were found. This data indicates the tanks pass the Tracer Tight® Leak Test. See Appendix B for analytical results.

4.0 SITE DESCRIPTION

The 1,500,000-gallon tank is basically an aboveground tank surrounded on the sides and bottom by a concrete vault filled with soil. The bottom of the large underground tank is approximately 21 feet below grade. Permanent monitoring probes have been placed in the soil between the tank sides and the concrete vault. See Appendix C for a site map of the tank and probe locations.

5.0 INOCULATION PARAMETERS

The tanks were inoculated with tracer during the first part of June. The final concentration of tracer in each tank was approximately 10 parts per million (ppm). The following table shows the size of each tank, type of tracer added to each tank, and amount of tracer introduced into each tank.

Table 2. Tracer Added to Tank

Tank #	Size (Gal)	Tracer	Amount
A	500,000	D	20 pounds
B	400,000	B	16 pounds
C	300,000	D	12 pounds
D	200,000	F	8 pounds
E	100,000	A	2 pounds

6.0 SAMPLING PARAMETERS

Soil vapor samples were collected individually using a portable Dayton pump from previously installed shallow probes (7 feet bgs) to test the sides of the tanks and from deep probes (21 feet bgs) to test the bottoms of the tanks. A 7-foot probe and a 21-foot probe were installed side by side at each sampling location. The configuration of the probes ensured the tanks were thoroughly tested for leakage.

During initial testing, on June 22, soil vapor samples were collected from permanent monitoring probes 1 through 9 and 19 through 22 and analyzed for tracer. Probe locations 20-21' and 19-7' were not tested this day.

Testing resumed on June 23, but an electrical malfunction of the gas chromatograph prevented on-site analyses. Consequently samples collected from probes 10 through 20, including 20-21' and 19-7', were sent to Tracer Research's Tucson laboratory for analyses.

The last day of testing, July 25, was used to set up a flow field test and to complete the second round of sample collection and analyses of the deep probes. The flow field was established by connecting a 175 cubic feet per minute (cfm) air compressor to Probes 1-21' through 4-21' to pump air through the deep probes along one side of the tank. A small amount of Tracer C was introduced into Probes 2-21' and 3-21' and compressed air was pumped through the four probes until Tracer C was detected on the opposite side of the tank. A large six-port vacuum pump was used to continuously evacuate six sampling probes (12-21' through 17-21') on the opposite side of

the tank. The detection of Tracer C in the soil vapor evacuated from these six probes indicated a flow field had been established across the bottom of the tank. The flow field is established in order to "sweep" any tracer compounds, which might be present as a result of leakage on the bottom of the tank.

After Tracer C was detected in Sampling Probes 12-21' through 17-21', the compressor was disconnected. The detection of Tracer C indicated there was communication from one side of the tank to the other. Soil vapor samples were collected from the deep probes surrounding the tank (5-21' through 22-21') and analyzed for tracers.

7.0 CRITERIA FOR CLASSIFICATION OF LEAKS

The classification of leakage is based on the presence or absence of tracer.

Pass Criteria: NO tracer detected.

Fail Criteria: Tracer detected.

NOTE: The hydrocarbon data is given for the benefit of the owner or operator and is not used as a criteria for determining whether the tanks pass or fail the precision leak test.

8.0 RESULTS

The analytical results of this *Tracer Tight*® leak test are condensed in Appendix B. The data are presented by location and analyte concentration. When a compound was not detected, the detection limit is presented as a "less than" value, e.g., <0.1 microgram per liter (ug/L). Appendix C includes a map view of the tanks as well as the positions of the sampling locations.

Based on the results of sample analyses at the Sackett Street Facility, all of the tanks pass the *Tracer Tight*® test. No tracer was detected in any of the samples collected after the flow field test, indicating the bottom and sides of the 1,500,000-gallon tank are tight.

APPENDIX A Tracer Tight® Certification

TRACER TIGHT® LEAK DETECTION CERTIFICATION

Bayside Fuel Oil Depot Corporation
Sackett Street Facility
Brooklyn, New York

Date: June 1992

Tank	Tank size (gal)	Product	Tracer	Pass/FAIL
A	500,000	#2 fuel oil	D	Pass
B	400,000	#2 fuel oil	B	Pass
C	300,000	#4 fuel oil	D	Pass
D	200,000	#2 fuel oil	F	Pass
E	100,000	#4 fuel oil	A	Pass

Tracer Research Corporation certifies that the tanks listed in the above table have been tested by means of *Tracer Tight®*, which meets the criteria set forth in NFPA 329 for a precision leak test. According to EPA standard test procedures for evaluating leak detection methods, this method is capable of detecting leaks of 0.05 gallons per hour with a Probability of Detection (PD) of 0.97 and Probability of False Alarm (PFA) of 0.029.

C. Wesley Ps

Submitted by: Tracer Research Corporation

The classification of leakage is based on the presence or absence of tracer.

Pass Criteria: NO tracer detected.

Fail Criteria: Tracer detected.

TVHC data is given for the benefit of the owner/operator and is not used as a criteria for determining whether the tanks pass or fail the precision leak test.

APPENDIX B: Analytical Data

TRACER RESEARCH CORPORATION - ANALYTICAL RESULTS
BAYSIDE OIL/SACKETT STREET/BROOKLYN, NEW YORK/JOB NO. 2-92-499-T
06-22-92

SAMPLE	SF6 ug/l	1301 ug/l	DDM ug/l	114B2 ug/l	TVHC ug/l
AIR	<0.1	<0.1	<0.1	<0.1	<0.8
1-7'	<0.1	<0.1	<0.1	<0.1	<4
1-21'	<0.1	<0.1	<0.1	<0.1	<0.8
2-7'	<0.1	<0.1	<0.1	<0.1	<0.8
2-21'	<0.1	<0.1	<0.1	<0.1	<0.8
3-7'	<0.1	<0.1	<0.1	<0.1	<0.8
3-21'	<0.1	<0.1	<0.1	<0.1	<0.8
4-7'	<0.1	<0.1	<0.1	<0.1	<0.8
4-21'	<0.1	<0.1	<0.1	<0.1	<0.8
5-7'	<0.1	<0.1	<0.1	<0.1	<0.8
5-21'	<0.1	<0.1	<0.1	<0.1	<0.8
6-7'	<0.1	<0.1	<0.1	<0.1	<0.8
6-21'	<0.1	<0.1	<0.1	<0.1	<0.8
AIR	<0.1	<0.1	<0.1	<0.1	<0.8
7-7'	<0.1	<0.1	<0.1	<0.1	<0.8
7-21'	<0.1	<0.1	<0.1	<0.1	<0.8
8-7'	<0.1	<0.1	<0.1	<0.1	<0.8
8-21'	<0.1	<0.1	<0.1	<0.1	<0.8
9-7'	<0.1	<0.1	<0.1	<0.1	<0.8
9-21'	<0.1	<0.1	<0.1	<0.1	<0.8
22-7'	<0.1	<0.1	<0.1	<0.1	<0.8
22-21'	<0.1	<0.1	<0.1	<0.1	<0.8
21-7'	<0.1	<0.1	<0.1	<0.1	33
21-21'	<0.1	<0.1	<0.1	<0.1	<0.8
20-7'	<0.1	<0.1	<0.1	<0.1	<0.8
19-21'	<0.1	<0.1	<0.1	<0.1	<0.8
AIR	<0.1	<0.1	<0.1	<0.1	<0.8

Analyzed By: S. Aakre
Proofed By: _____

Sackett Street Facility
510 Sackett Street, Brooklyn, NY.

6507-94

7/08/92 CONDENSED DATA Page 1

Location	Compound	Concentration
010-21	114B2	0.0000
010-21	1301	0.0000
010-21	BCF	0.0000
010-21	DDM	0.0000
010-21	SF6	0.0000
010-21	TVHC	0.0000
010-7	114B2	0.0000
010-7	1301	0.0000
010-7	BCF	0.0000
010-7	DDM	0.0000
010-7	SF6	0.0000
010-7	TVHC	0.0000
011-21	114B2	0.0000
011-21	1301	0.0000
011-21	BCF	0.0000
011-21	DDM	0.0000
011-21	SF6	0.0000
011-21	TVHC	0.0000
011-7	114B2	0.0000
011-7	1301	0.0000
011-7	BCF	0.0000
011-7	DDM	0.0000
011-7	SF6	0.0000
011-7	TVHC	0.0000
012-21	114B2	0.0000
012-21	1301	0.0000
012-21	BCF	0.0000
012-21	DDM	0.0000
012-21	SF6	0.0000
012-21	TVHC	0.0000
012-7	114B2	0.0000
012-7	1301	0.0000

TVHC in mg/L, Tracers in mg/L
0.0000 = Not detected Detection Limits: Tracer (0.0001)
-99999999999 = No sample TVHC (0.05)

Sackett Street Facility
510 Sackett Street, Brooklyn, NY.

6507-94

7/08/92 CONDENSED DATA

Location	Compound	Concentration
012-7	BCF	0.0000
012-7	DDM	0.0000
012-7	SF6	0.0000
012-7	TVHC	0.0000
013-21	114B2	0.0000
013-21	1301	0.0000
013-21	BCF	0.0000
013-21	DDM	0.0000
013-21	SF6	0.0000
013-21	TVHC	.2560
013-7	114B2	0.0000
013-7	1301	0.0000
013-7	BCF	0.0000
013-7	DDM	0.0000
013-7	SF6	0.0000
013-7	TVHC	0.0000
014-21	114B2	0.0000
014-21	1301	0.0000
014-21	BCF	0.0000
014-21	DDM	0.0000
014-21	SF6	0.0000
014-21	TVHC	1.1560
014-7	114B2	0.0000
014-7	1301	0.0000
014-7	BCF	0.0000
014-7	DDM	0.0000
014-7	SF6	0.0000
014-7	TVHC	0.0000
015-21	114B2	0.0000
015-21	1301	0.0000
015-21	BCF	0.0000
015-21	DDM	0.0000
015-21	SF6	0.0000

TVHC in mg/L, Tracers in mg/L
0.0000 = Not detected Detection Limits: Tracer (0.0001)
-99999999999 = No sample TVHC (0.05)

Tracer Research Corporation

Sackett Street Facility
510 Sackett Street, Brooklyn, NY.

6507-94

7/08/92 CONDENSED DATA Page 3

Location	Compound	Concentration
015-21	TVHC	.5360
015-7	114B2	0.0000
015-7	1301	0.0000
015-7	BCF	0.0000
015-7	DDM	0.0000
015-7	SF6	0.0000
015-7	TVHC	0.0000
016-21	114B2	0.0000
016-21	1301	0.0000
016-21	BCF	0.0000
016-21	DDM	0.0000
016-21	SF6	0.0000
016-21	TVHC	5.9130
016-7	114B2	0.0000
016-7	1301	0.0000
016-7	BCF	0.0000
016-7	DDM	0.0000
016-7	SF6	0.0000
016-7	TVHC	0.0000
017-21	114B2	0.0000
017-21	1301	0.0000
017-21	BCF	0.0000
017-21	DDM	0.0000
017-21	SF6	0.0000
017-21	TVHC	1.2300
017-7	114B2	0.0000
017-7	1301	0.0000
017-7	BCF	0.0000
017-7	DDM	0.0000
017-7	SF6	0.0000
017-7	TVHC	0.0000

TVHC in mg/L, Tracers in mg/L
0.0000 = Not detected Detection Limits: Tracer (0.0001)
-99999999999 = No sample TVHC (0.05)

Sackett Street Facility
510 Sackett Street, Brooklyn, NY.

6507-94

Tracer Research Corporation

7/08/92 CONDENSED DATA Page 4

Location	Compound	Concentration
018-21	114B2	0.0000
018-21	1301	0.0000
018-21	BCF	0.0000
018-21	DDM	0.0000
018-21	SF6	0.0000
018-21	TVHC	0.0000
018-7	114B2	0.0000
018-7	1301	0.0000
018-7	BCF	0.0000
018-7	DDM	0.0000
018-7	SF6	0.0000
018-7	TVHC	0.0000
019-7	114B2	0.0000
019-7	1301	0.0000
019-7	BCF	0.0000
019-7	DDM	0.0000
019-7	SF6	0.0000
019-7	TVHC	0.0000
020-21	114B2	0.0000
020-21	1301	0.0000
020-21	BCF	0.0000
020-21	DDM	0.0000
020-21	SF6	0.0000
020-21	TVHC	0.0000

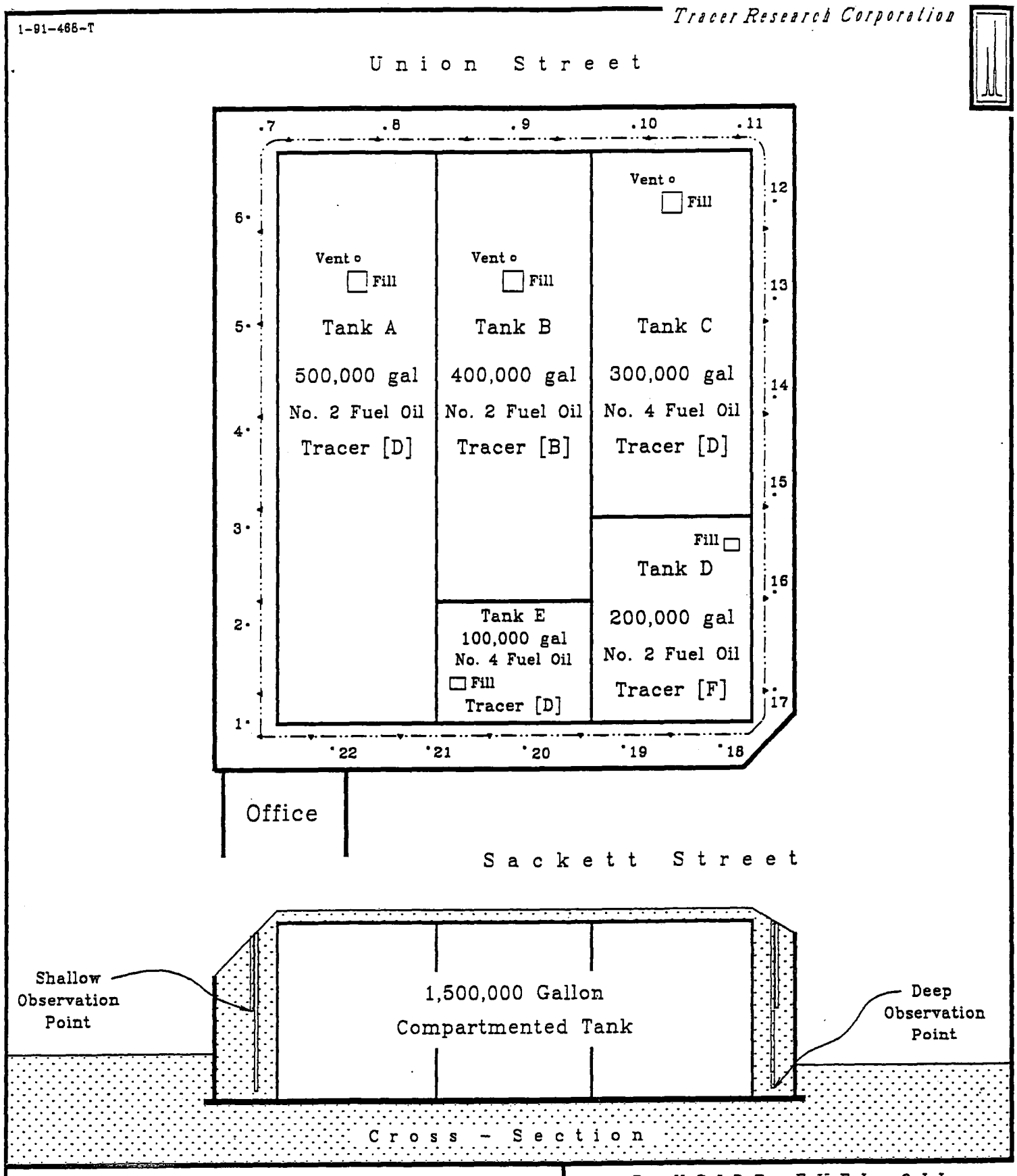
TVHC in mg/L, Tracers in mg/L
0.0000 = Not detected Detection Limits: Tracer (0.0001)
-99999999999 = No sample TVHC (0.05)

BAYSIDE FUEL OIL/SACKETT ST/BROOKLYN, NEW YORK/NO. 2-92-499-T
06-25-92

SAMPLE	SF6 ug/l	1301 ug/l	BCF ug/l	DDM ug/l	114B2 ug/l
AIR	<0.1	<0.1	<0.1	<0.1	<0.1
22-21'	<0.1	<0.1	<0.1	<0.1	<0.1
21-21'	<0.1	<0.1	<0.1	<0.1	<0.1
20-21'	<0.1	<0.1	<0.1	<0.1	<0.1
19-21'	<0.1	<0.1	<0.1	<0.1	<0.1
18-21'	<0.1	<0.1	<0.1	<0.1	<0.1
17-21'	<0.1	<0.1	<0.1	<0.1	<0.1
16-21'	<0.1	<0.1	<0.1	<0.1	<0.1
15-21'	<0.1	<0.1	<0.1	<0.1	<0.1
14-21'	<0.1	<0.1	<0.1	<0.1	<0.1
13-21'	<0.1	<0.1	<0.1	<0.1	<0.1
12-21'	<0.1	<0.1	<0.1	<0.1	<0.1
11-21'	<0.1	<0.1	<0.1	<0.1	<0.1
10-21'	<0.1	<0.1	<0.1	<0.1	<0.1
9-21'	<0.1	<0.1	<0.1	<0.1	<0.1
8-21'	<0.1	<0.1	<0.1	<0.1	<0.1
7-21'	<0.1	<0.1	<0.1	<0.1	<0.1
6-21'	<0.1	<0.1	OLR	<0.1	<0.1
5-21'	<0.1	<0.1	0.4	<0.1	<0.1
AIR	<0.1	<0.1	<0.1	<0.1	<0.1

OLR = Over linear range
Analyzed By: S. Aakre
Proofed By: _____

APPENDIX C: Map of Tank with Sampling Locations



EXPLANATION

•1 Vapor Observation Points

Cathodic Protection System

0 15 30

feet

BAYSIDE FUEL OIL DEPOT CORPORATION

SACKETT ST. FACILITY

BROOKLYN, NEW YORK

SAMPLING LOCATIONS

Figure 1

APPENDIX D: Tracer Tight® Rationale

TRACER TIGHT® RATIONALE

Tracer Tight® leak testing is performed by mixing a volatile chemical concentrate, a tracer, with the product inside a tank or pipe. The tracer is selected for its compatibility with the tank and pipeline system and because it is not present in the environment around the tank. The tracer is added to the product in very low concentrations, typically 10 parts per million (ppm) or less. The tracer has no impact on the physical properties of the product and works with all types of liquids.

The tracer chemical, being highly volatile, distributes itself throughout the tank, both in the product and in the vapor space above the product. If a tank or pipeline leaks, the tracer is released and disperses into the surrounding soil by molecular diffusion. When fuel leaks underwater, it rises to the surface and releases the tracer into the air above the water.

After the tracer has had time to diffuse and migrate through the soil away from the leak, soil gas samples are collected from the area surrounding the tanks and pipes. Special hollow probes or tubing are placed below grade near the tanks and pipes to collect the tracer vapors that may appear in the soil. Each probe can collect tracer from a leak anywhere within a 10-foot radius of the probe's placement.

The probes are driven into the ground and a small amount of soil gas is pulled by vacuum into each probe. Samples of this soil gas are collected and analyzed in a sensitive gas chromatograph (GC) for tracer and hydrocarbons.

This process of leak detection by placing a liquid or gas tracer in a liquid product followed by detection of the tracer underground in the vapor phase is protected under TRACER patents.

Tracer Research Corporation appreciates the opportunity of being of service to your organization. Because we are constantly striving to improve our service to you, we welcome any comments or suggestions you may have about how we can be more responsive to the needs of your organization.

This Tracer Tight® leak detection report was prepared by Wes Pierce. If you have any questions about the field work, analytical results, or this report, please give Wes a call at (602) 888-9400.

PRAXAIR

3755 N. Business Center Drive
Tucson, Arizona 85705
Toll Free (800) 989-9929
Tel: (520) 888-9400
Fax: (520) 293-1306

Tracer Tight® Leak Test

2005 Annual Testing SMITH STREET

(1) Giant Underground Storage Tank 1,2,3
BAYSIDE FUEL OIL DEPOT CORP.
BROOKLYN, NY

Tracer Job No. 36460U-0000

Prepared for:

Bayside Fuel Oil Depot Corporation
1776 Shore Parkway
Brooklyn, NY 11214

Tel: 718-372-9800
Fax: 718-266-3744

Attention: Scott Vitello

Submitted by:

Praxair Services, Inc.
Anthony Ptak - Supervisor

E-Mail: Anthony_Ptak @ Praxair.com
Website: http://www.TracerResearch.com

UCISCO.
Industrial Gas Services
Pipeline Services
Mechanical Cleaning Services

Tracer Research.
Leak Detection Services
Environmental Sampling Services

Corrocon.
Cathodic Protection Services
Environmental Directional Drilling

Site Location: **BAYSIDE FUEL OIL DEPOT CORP.** Tracer Job No.: **36460U-0000**

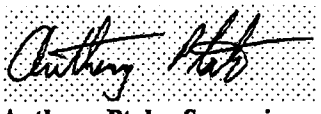
Inoculation Information:

	Inoculation:	Sampling:
Start Date:	February 3, 2005	February 3, 2005
Completion Date:	February 3, 2005	March 18, 2005
	Job Completion Date:	**March 31, 2005**

Note: Background Samples were collected before the Inoculation Event.

Annual Testing Results:

Facility:	System:	Type:	Volume:	Product:	Tracer:	Result:	
SSF	T1-3	GUST	1,100,000 gal	Fuel Oil	A	Passed	



Anthony Ptak - Supervisor
Date: 03/31/2005

Praxair Services, Inc. certifies that the above systems have been tested by means of Tracer Tight®, which meets the criteria set forth in NFPA 329 for a precision test. The Tracer Tight® method is capable of detecting leaks of 0.05 gph with a probability of detection of 97.1% and a probability of false alarm of 2.9%. If you have any questions or concerns, please call Praxair Services, Inc. at 800-989-9929 ext.234.

Tracer Research Corporation	Complete Data Report
Job No. 36460U-0000 Date: 02-03-2005	Address: 1776 Shore Parkway USA
BAYSIDE FUELS Brooklyn ANNUAL	City: BROOKLYN State: NY Zip: 11214

System Number / Name:	Probe(s):	Collector:	Compound:	Concentration:	(units):

Source: DataTrace 2.0

Fac: SSF **Facility No. SSF**

T1-3	Tank No. T1-3	**Background Sampling**				
		1	Individual	A	0.000	ug/L
				TVHC	0.000	mg/L
		3	Individual	A	0.000	ug/L
				TVHC	0.000	mg/L
		4	Individual	A	0.000	ug/L
				TVHC	0.000	mg/L
		5	Individual	A	0.000	ug/L
				TVHC	0.000	mg/L
		6	Individual	A	0.000	ug/L
				TVHC	0.000	mg/L
		7	Individual	A	0.000	ug/L
				TVHC	0.000	mg/L
		8	Individual	A	0.000	ug/L
				TVHC	0.000	mg/L
		9	Individual	A	0.000	ug/L
				TVHC	0.000	mg/L
		10	Individual	A	0.000	ug/L
				TVHC	0.000	mg/L
		11	Individual	A	0.000	ug/L
				TVHC	0.110	mg/L
		12	Individual	A	0.000	ug/L
				TVHC	0.000	mg/L
		13	Individual	A	0.000	ug/L
				TVHC	0.000	mg/L
		14	Individual	A	0.000	ug/L
				TVHC	0.000	mg/L
T1-3	Tank No. T1-3	**2 Week Sampling**				
		1	Individual	A	0.000	ug/L
				TVHC	0.000	mg/L
		2	Individual	A	0.000	ug/L
				TVHC	0.000	mg/L
		3	Individual	A	0.000	ug/L
				TVHC	0.000	mg/L
		4	Individual	A	0.000	ug/L
				TVHC	0.000	mg/L
		5	Individual	A	0.000	ug/L
				TVHC	0.000	mg/L

System Number / Name:	Probe(s):	Collector:	Compound:	Concentration:	(units):

Source: DataTrace 2.0

Fac: SSF (Cont.) **Facility No. SSF**

T1-3	**Tank No. T1-3**	**2 Week Sampling (Cont.)**				
		7	Individual	A	0.000	*ug/L*
				TVHC	0.000	*mg/L*
		8	Individual	A	0.000	*ug/L*
				TVHC	0.000	*mg/L*
		9	Individual	A	0.000	*ug/L*
				TVHC	0.000	*mg/L*
		10	Individual	A	0.000	*ug/L*
				TVHC	0.000	*mg/L*
		11	Individual	A	0.000	*ug/L*
				TVHC	3.010	*mg/L*
		12	Individual	A	0.000	*ug/L*
				TVHC	0.000	*mg/L*
		13	Individual	A	0.000	*ug/L*
				TVHC	0.000	*mg/L*
		14	Individual	A	0.000	*ug/L*
				TVHC	0.000	*mg/L*
T1-3	**Tank No. T1-3**	**6 Week Sampling**				
		1	Individual	A	0.000	*ug/L*
				TVHC	0.000	*mg/L*
		2	Individual	A	0.000	*ug/L*
				TVHC	0.000	*mg/L*
		3	Individual	A	0.000	*ug/L*
				TVHC	0.000	*mg/L*
		4	Individual	A	0.000	*ug/L*
				TVHC	0.000	*mg/L*
		5	Individual	A	0.000	*ug/L*
				TVHC	0.000	*mg/L*
		7	Individual	A	0.000	*ug/L*
				TVHC	0.000	*mg/L*
		8	Individual	A	0.000	*ug/L*
				TVHC	0.000	*mg/L*
		9	Individual	A	0.000	*ug/L*
				TVHC	0.000	*mg/L*
		10	Individual	A	0.000	*ug/L*
				TVHC	0.000	*mg/L*
		11	Individual	A	0.000	*ug/L*
				TVHC	0.230	*mg/L*
		12	Individual	A	0.000	*ug/L*
				TVHC	0.000	*mg/L*
		13	Individual	A	0.000	*ug/L*
				TVHC	0.000	*mg/L*

System Number / Name:	Probe(s):	Collector:	Compound:	Concentration:	(units):

Source: DataTrace 2.0

Fac: SSF (Cont.) **Facility No. SSF**

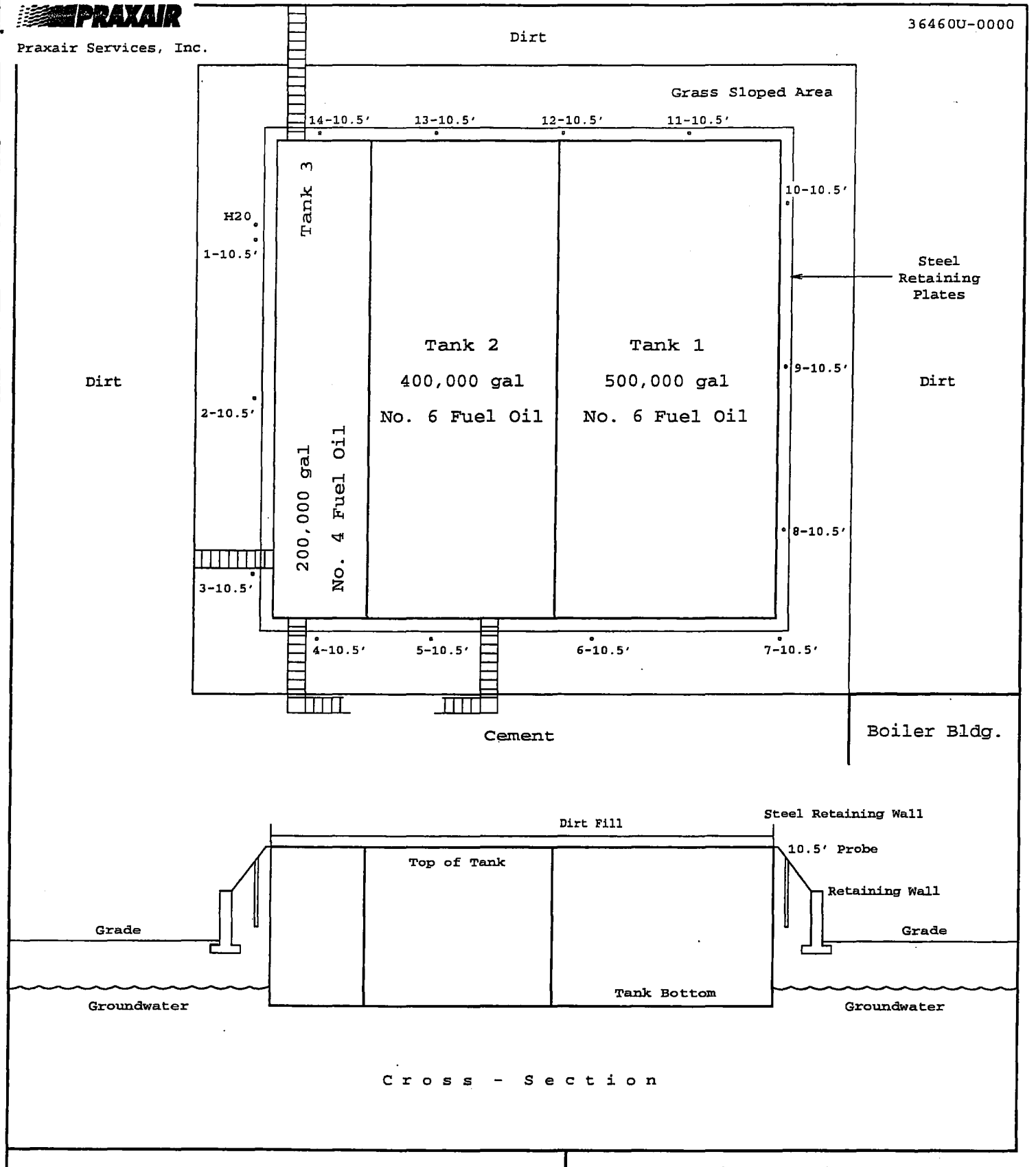
T1-3 **Tank No. T1-3** **6 Week Sampling (Cont.)**

14	Individual	A	0.000	*ug/L*
		TVHC	0.000	*mg/L*

PRAXAIR

Praxair Services, Inc.

36460U-0000



Cross - Section

EXPLANATION

*1 Sampling Probe Location

North

0 10 20

feet

File:TK01-03 Size:A
Arc:36460-01 Date:03-29-05

Bayside Fuel Oil Depot

Smith Street Facility

Tank No. 1 - 3

BROOKLYN, NEW YORK

SAMPLING LOCATIONS

Figure 1

Prepared for:

Bayside Fuel Oil Depot

1776 Shore Parkway

Brooklyn, NY 11214

Out-of-Service Inspection of Tank No. 5 located at the Bayside Fuel Oil Depot Smith Street Terminal Brooklyn, New York Facility on June 19, 2003

Prepared by:

PCA Engineering, Inc.
430 Montclair Avenue
P.O. Box 196
Pompton Lakes, NJ 07442

PCA Job No. 23286

July 1, 2003

PHASE I REPORT

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API-653 Section 2.3

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I. INTRODUCTION AND BACKGROUND

On June 19, 2003, PCA Engineering, Inc. personnel performed an Internal Out-of-Service Inspection on Tank No. 5 located at the Bayside Fuel Oil Depot, Brooklyn, New York Terminal.

The Bayside Fuel Oil Depot Facility Registration Number for New York State is 2-1260. The inspection of Tank No. 5 conforms to Section 6NYCRR, Part 613.6 "Handling and Storage of Petroleum", New York State Department of Conservation.

The inspection performed is in compliance with the API 653 Standard.

An Industrial Scientific ATX-612 was used for vapor monitoring prior to and during entry. Prior to entry, the oxygen content was found to be 20.9% and the lower flammability level (LFL) 0%. These are considered non-hazardous and the interior inspection proceeded. All product lines were checked and found to be blinded or locked out.

PCA personnel on site had prior Hazardous Entry and Confined Space Entry training.

SITE DESCRIPTION

Tank No. 5 is a welded, above ground, upright, cylindrical storage tank measuring 40 feet in diameter by 45 feet in height. The tank was erected in 1972 by Chicago Bridge & Iron and has a product capacity of 10,736 barrels. The product content during the last period of service was No. 2 heating oil.

The tank is provided with a replacement all welded steel floor comprised of 25 lap-welded plates as well as adjoining lower shell plate inserts (see enclosed drawing). The tank shell is arranged in 5 butt-welded original courses, with 5 plates per course. The tank fixed roof is fabricated of 22 lap-welded plates arranged in a cone configuration, supported by a single column.

The tank is provided with a double deck, welded steel floating pontoon roof.

Secondary containment is comprised of a welded steel circular wall enclosing the tank with a concrete liner.

TEST PROCEDURES

The following is a list of the tests performed and their procedures involved in the inspection of Tank No. 5:

TEST PROCEDURES (Cont'd)

A) Ultrasonic Thickness Measurements

To obtain the residual metal thickness readings, either a Cygnus Model 3 or Cygnus Model 4 Ultrasonic Digital Thickness Gauge, with a 2.25 MHz transducer was used. The Cygnus Model 3 has a resolution of +/- 0.002 inch; the Cygnus Model 4 has a resolution of +/- 0.005 inch, accuracy allowing for use on steel plate/piping materials used in storage tanks. The calibration of the instrument is confirmed prior to and during testing using a steel step block. The couplant used was Sonotech UT-X and/or motor oil.

A minimum of five (5) ultrasonic thickness readings were taken at each floor plate, with five (5) additional readings taken adjacent to the floor/shell joint on approximately 2 foot intervals. A W. R. Thorpe Pit Gauge was available to measure any pit depths, with readings taken at the point of deepest penetration. All ultrasonic thickness readings and pitted areas are noted on the enclosed data tables. The arrangement of the floor plates is shown on the enclosed PCA drawings.

TEST PROCEDURES (Cont'd)

A minimum of five (5) ultrasonic thickness readings were taken at each plate of the lower course of shell plates and each plate adjacent to the spiral stairway ascending to the roof, with readings tabulated on the enclosed data tables. The arrangement of the shell appurtenances is shown on the enclosed PCA drawings.

As an appurtenance survey, ultrasonic thickness measurements were taken on principle pipe penetrations and their API plates within the lower course of shell plates.

A minimum of five (5) ultrasonic thickness readings were taken at each roof plate. See the enclosed data tables and drawings.

B) Interior Perimeter Elevation Survey

The interior survey is based on an assumed datum of 10 feet, as shown on the "Interior Elevation Survey", with measurements shown clockwise or counter-clockwise around the tank. Cross sections are taken at various intervals around the tank, as shown on the drawing.

TEST PROCEDURES (Cont'd)

The interior elevation survey is helpful in evaluating the condition of the floor plates. Low spots are areas of drastic grade changes, as indicated on the drawing, are potential areas of excessive stresses in the floor plates, and indications of possible loss of sub-structure support. Elevation cross sections are helpful to analyze this data.

C) Magnetic Flux Leakage Floor Scan

The tank floor was inspected using a Magnetic Flux Leakage Floor Scan (MFL and/or MFE).

The Magnetic Flux Leakage floor scanner operates using permanent rare-earth magnets to bring a section of the steel floor plate to magnetic saturation. A defect, located on front or back surfaces, causes a scattering of the magnetic "lines of force" or flux. Sensors located between the magnets detect this flux leakage and display the result on a display screen.

MFL/MFE inspection is a qualitative inspection tool, which primarily detects plate cross-sectional volume loss (as opposed to remaining thickness) and correlates this as an amplitude display.

TEST PROCEDURES (Cont'd)

An observed significant indication is evaluated by the technicians using ultrasonic equipment for quantitative classification.

The Magnetic Flux Leakage Scan covers the majority of the tank floor plate, with the exception of the areas within 4 to 6 inches of the lap welds, corner welds, lap patches, columns, etc. Any additional areas not scanned are marked on the tank floor drawing.

II. SUMMARY OF FINDINGS

Upon completion of the inspections conducted on Tank No. 5, the following results were obtained:

Ultrasonic Thickness Inspection

The residual plate metal thickness measurements ranged as follows:

Floor:	.320" to .345"	
Shell:	.250" to .275"	(insert plates)
	.255" to .270"	(shell plates)
	.260" to .265"	(Insert course A)
	.255" to .260"	(1st Course)
	.255" to .260"	(2nd Course)
	.195" to .210"	(3rd Course)
	.195" to .205"	(4th Course)
	.190" to .195"	(5th Course)
Roof:	.190" to .200"	

Interior Perimeter Elevation Survey

The perimeter elevations (shell settlement) indicate a maximum differential of 0.06 feet (0.72 inches). The settlement is considered planar tilt, with the maximum out-of-plane deflection of 0.02 feet (0.24 inch). The maximum permissible out-of-plane deflection per API 653, B.3.2 is 0.04 feet (0.48 inch).

II. **SUMMARY OF FINDINGS** (Cont'd)

There are no visible indications of tank shell or floor stress, or recent/active displacement of fill material from around or under the tank. This information, in conjunction with the tank's age (31 years +/-), would indicate the tank has reached its maximum settlement with no changes in deflections anticipated, based on current operational procedures and site conditions.

The internal cross section elevation results disclosed edge settlement with a typical radius of 3 feet. The maximum edge settlement observed was 1.65 inches, which is within 75% of the allowable settlement as noted in API 653, Figure B-10 and Figure B-11. Settlement between 75 and 100 percent of allowable requires further inspection, while settlement in excess of the allowable requires repair or engineering evaluation.

The pitch of the cone down floor was approximately 0.5 inches in 10 feet.

Edge settlement (or roll-off) typically occurs when the tank shell settles sharply around the periphery, resulting in deformation of the bottom plate near the shell-to-bottom corner junction.

II. SUMMARY OF FINDINGS (Cont'd)

Magnetic Flux Leakage Floor Scan

Results of the magnetic flux leakage floor scan provided no indications beyond the 40% threshold allowance.

III. DISCUSSION

The epoxy floor coating was observed to be cracked and blistered (see photographs), which is considered to be the early stages of failure of the system. In addition, isolated areas of paint failure on the shell exterior were noted.

Other discrepancies included deterioration of the vapor seal (see photographs). Note that the tank is currently in No. 2 heating oil service and, as such, the floating roof is not required for vapor control.

IV. TEST DATA

CORROSION SURVEY FIELD DATA TABLE

OWNER: Bayside Fuel Oil Depot
STRUCTURE: Tank No. 5
DATE OBTAINED: June 19, 2003
SURVEYED BY: W. M. Kent

PCA JOB NO. 23286

Ultrasonic Thickness Measurements
Tank Floor - In Inches

	1	2	3	4	5
Plate No. 1	0.330	0.330	0.325	0.325	0.320
	0.330	0.325	0.325	0.325	0.325
Plate No. 2	0.325	0.325	0.330	0.325	0.325
	0.325	0.325	0.330	0.330	0.330
Plate No. 3	0.325	0.325	0.325	0.330	0.330
	0.320	0.325	0.325	0.325	0.325
Plate No. 4	0.330	0.330	0.330	0.320	0.330
	0.330	0.330	0.330	0.330	0.330
Plate No. 5	0.325	0.325	0.325	0.325	0.325
Plate No. 6	0.325	0.325	0.325	0.325	0.325
	0.325	0.325	0.325	0.325	0.325
Plate No. 7	0.340	0.345	0.345	0.335	0.340
	0.330	0.335	0.330	0.330	0.340
Plate No. 8	0.320	0.325	0.325	0.325	0.325
Plate No. 9	0.325	0.325	0.325	0.325	0.325

minimum	0.320
average	0.328
maximum	0.345
std. dev.	0.003685

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CORROSION SURVEY FIELD DATA TABLE

OWNER: Bayside Fuel Oil Depot
STRUCTURE: Tank No. 5
DATE OBTAINED: June 19, 2003
SURVEYED BY: W. M. Kent

Ultrasonic Thickness Measurements
Tank Floor - In Inches

PCA JOB NO. 23286

	1	2	3	4	5
Plate No. 10	0.330	0.330	0.325	0.330	0.330
	0.330	0.330	0.330	0.330	0.330
Plate No. 11	0.325	0.325	0.330	0.330	0.330
	0.325	0.330	0.325	0.325	0.330
Plate No. 12	0.330	0.330	0.330	0.325	0.330
Plate No. 13	0.330	0.330	0.330	0.325	0.325
Plate No. 14	0.330	0.325	0.330	0.330	0.330
Plate No. 15	0.325	0.330	0.325	0.330	0.330
	0.325	0.330	0.325	0.325	0.330
Plate No. 16	0.325	0.330	0.330	0.325	0.325
	0.325	0.330	0.330	0.325	0.330
Plate No. 17	0.325	0.325	0.325	0.325	0.325
Plate No. 18	0.330	0.330	0.330	0.330	0.330
Plate No. 19	0.330	0.330	0.330	0.330	0.330
	0.335	0.330	0.330	0.330	0.330

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CORROSION SURVEY FIELD DATA TABLE

OWNER: Bayside Fuel Oil Depot
STRUCTURE: Tank No. 5
DATE OBTAINED: June 19, 2003
SURVEYED BY: W. M. Kent

PCA JOB NO. 23286

Ultrasonic Thickness Measurements
Tank Floor - In Inches

	1	2	3	4	5
Plate No. 20	0.330	0.330	0.330	0.330	0.330
	0.330	0.330	0.330	0.330	0.330
Plate No. 21	0.325	0.325	0.325	0.325	0.325
Plate No. 22	0.325	0.325	0.325	0.320	0.325
	0.330	0.325	0.330	0.330	0.330
Plate No. 23	0.330	0.330	0.330	0.330	0.330
	0.330	0.325	0.325	0.325	0.325
Plate No. 24	0.325	0.320	0.325	0.325	0.325
	0.325	0.330	0.330	0.325	0.330
Plate No. 25	0.325	0.325	0.325	0.325	0.325
	0.325	0.325	0.325	0.330	0.330

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CORROSION SURVEY FIELD DATA TABLE

OWNER: Bayside Fuel Oil Depot
STRUCTURE: Tank No. 5
DATE OBTAINED: June 19, 2003
SURVEYED BY: W. M. Kent

Ultrasonic Thickness Measurements
Tank Shell - In Inches

PCA JOB NO. 23286

Shell Inserts:	**1**	**2**	**3**	**4**	**5**
Plate No. 1	0.275	0.275	0.275	0.270	0.270
Plate No. 2	0.265	0.260	0.265	0.260	0.265
Plate No. 3	0.265	0.260	0.260	0.265	0.260
Plate No. 4	0.265	0.265	0.265	0.270	0.265
Plate No. 5	0.260	0.260	0.260	0.260	0.260
Plate No. 6	0.265	0.260	0.265	0.265	0.260
Plate No. 7	0.265	0.265	0.265	0.260	0.265
Plate No. 8	0.265	0.260	0.265	0.260	0.265
Plate No. 9	0.255	0.255	0.260	0.255	0.255
Plate No. 10	0.260	0.260	0.265	0.260	0.265
Plate No. 11	0.265	0.265	0.265	0.265	0.260
Plate No. 12	0.250	0.265	0.260	0.260	0.260
Plate No. 13	0.255	0.255	0.255	0.255	0.255
Plate No. 14	0.260	0.260	0.265	0.260	0.260

minimum	0.250
average	0.262
maximum	0.275
std. dev.	0.025009

Shell Plates:					
Plate No. 1	0.260	0.260	0.260	0.255	0.260
Plate No. 2	0.255	0.255	0.260	0.260	0.260
Plate No. 3	0.260	0.260	0.255	0.260	0.265
Plate No. 4	0.265	0.265	0.270	0.265	0.255
Plate No. 5	0.260	0.255	0.260	0.260	0.255

minimum	0.255
average	0.260
maximum	0.270
std. dev.	0.003948

CORROSION SURVEY FIELD DATA TABLE

OWNER: Bayside Fuel Oil Depot
STRUCTURE: Tank No. 5
DATE OBTAINED: June 19, 2003
SURVEYED BY: W. M. Kent

Ultrasonic Thickness Measurements
Tank Shell - In Inches

PCA JOB NO. 23286

Shell Wall Profile	1	2	3	4	5
Course No. 1A (insert)	0.265	0.260	0.260	0.260	0.265
Course No. 1	0.255	0.260	0.260	0.255	0.255
Course No. 2	0.210	0.210	0.210	0.200	0.195
Course No. 3	0.200	0.210	0.210	0.210	0.215
Course No. 4	0.195	0.200	0.200	0.205	0.200
Course No. 5	0.190	0.190	0.195	0.190	0.190

CORROSION SURVEY FIELD DATA TABLE

OWNER: Bayside Fuel Oil Depot
STRUCTURE: Tank No. 5
DATE OBTAINED: June 19, 2003
SURVEYED BY: W. M. Kent

PCA JOB NO. 23286

Ultrasonic Thickness Measurements
Tank Roof - In Inches

	1	2	3	4	5
North to South	0.190	0.195	0.200	0.200	0.190
	0.190	0.200	0.200	0.200	0.200
	0.190	0.190	0.200	0.190	0.195
	0.195	0.200	0.200	0.195	0.195
East to West	0.190	0.190	0.190	0.200	0.200
	0.195	0.190	0.195	0.195	0.200
	0.195	0.190	0.200	0.200	0.200
	0.190	0.190	0.195	0.200	0.200

minimum	0.190
average	0.196
maximum	0.200
std. dev.	0.004356

CORROSION SURVEY FIELD DATA TABLE

OWNER: Bayside Fuel Oil Depot
STRUCTURE: Tank No. 5
DATE OBTAINED: June 19, 2003
SURVEYED BY: W. M. Kent

PCA JOB NO. 23286

Elevation Survey

	Shell	1'	2'	3'	4'	5'	10'	Center
A	10.00	9.93	9.86	9.88	9.87	9.85	9.91	9.88
B	9.97	9.90	9.85	9.82	9.86	9.88	10.01	
C	9.96	9.90	9.97	9.88	9.87	9.87	10.06	
D	9.98	9.93	9.89	9.89	9.92	9.95	10.03	
E	9.96	9.93	9.90	9.93	9.92	9.92	9.95	
F	9.94	9.95	9.97	9.97	9.96	9.94	10.04	
G	9.95	9.92	9.88	9.95	9.97	9.96	9.90	
H	9.97	9.97	9.94	9.92	9.91	9.93	9.90	
A	10.00							

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API 653 INSPECTION - DATA EVALUATION

GENERAL INFORMATION

Customer: **Bayside Fuel Oil Depot** Job No.: 23286 Date: 6/19/03

Tank No.: 5
Diameter: 45 feet
Height: 40 feet
Safe Fill: feet
Capacity: 11,451 bbl
Product: No. 2 Fuel Oil

Cathodic Protection?: y
Leak Detection?: n
Thick FilmCoating?: n
Thin Film Coating?: n

Erected: 1/1/72
Date Last- Inspected:
Cleaned:
Painted:
Lined:
Strapped:

	Quantities:
Floor plts:	25
Roof plts:	22
Shell crs:	5
Plts/Crs:	5

1st Crse Avg Shell Thickness (in)	
1st	0.265
2nd	0.260
Min Thick	0.250
4th	0.260
5th	0.260

	PlateThickness (in)					
	Original	General	Delta	Minimum	Material	Riveted?
Floor Plates:	0.345	0.328	0.017	0.320	Unknown	n
Sketch Plates:			0.000			
Annular Plates:			0.000			
Shell - 1st course:	0.275	0.262	0.013	0.250	Unknown	n
2nd course:	0.260	0.258	0.002	0.255	Unknown	n
3rd course:	0.265	0.260	0.005	0.255	Unknown	n
4th course:	0.270	0.264	0.006	0.255	Unknown	n
5th course:	0.260	0.258	0.002	0.255	Unknown	n
6th course:			0.000			
7th course:			0.000			
8th course:			0.000			
Roof:	0.200	0.196	0.004	0.190	Unknown	n

	Pitting Depth (in)			
	Max Int.	Avg Int.	Max Ext.	Avg Ext.
Floor Plates:	0.030	0.015	0.020	0.010
Shell - 1st course:	0.020	0.010	0.020	0.010
Roof:	0.020	0.010	0.020	0.010

Containment Area:

Steel? y
Diameter 60 feet
Height 22 feet

Earthen?
Length feet
Width feet
Height feet

Containment 11,197 bbl
110% Cap 12,596 Note: There is Insufficent Containı

Containment bbl
110% Cap
if tank is filled to capacity

Calculated Safe Fill (based on capacity of containment) = 35.56 feet
Therefore, containment is sufficient if current Safe Fill is maintained

COMMENTS: Isolated paint failure on roof. Complete penetration observed on interior roof plates.

BOTTOM PLATE TOPOGRAPHY

Tank:	5	No of Sections:	8	Elevation @ Center of Tank:	9.88 ft	Allowable Roll-Off
Diameter:	45	Max Chord Length:	17.66 ft	Average Pitch:	0.05 in/ft	in 1' 0.42 in
				Overall Differential Settlement	0.72 in	in 2' 0.79 in
						in 3' 1.16 in

	AXIS 1		AXIS 2		AXIS 3		AXIS 4		AXIS 5		AXIS 6	
Spacing	Field Data	Roll-Off	Field Data	Roll-Off	Field Data	Roll-Off	Field Data	Roll-Off	Field Data	Roll-Off	Field Data	Roll-Off
Shell	10.00		9.97		9.96		9.98		9.96		9.94	
1'	9.93	0.84	9.90	0.84	9.90	0.72	9.93	0.60	9.93	0.36	9.95	0.12
2'	9.86	1.68	9.85	1.44	9.97	0.12	9.89	1.08	9.90	0.72	9.97	0.36
3'	9.88	1.44	9.82	1.80	9.88	0.96	9.89	1.08	9.93	0.36	9.97	0.36
5'	9.85		9.88		9.87		9.95		9.92		9.94	
10'	9.91		10.01		10.06		10.03		9.95		10.04	
20'												
30'												
40'												
50'												
60'												
70'												
80'												
90'												
Settlement	0		0.03		0.04		0.02		0.04		0.06	

	AXIS 7		AXIS 8		AXIS 9		AXIS 10		AXIS 11		AXIS 12	
Spacing	Field Data	Roll-Off	Field Data	Roll-Off	Field Data	Roll-Off	Field Data	Roll-Off	Field Data	Roll-Off	Field Data	Roll-Off
Shell	9.95		9.97									
1'	9.92	0.36	9.97	0.00		0.00		0.00		0.00		0.00
2'	9.88	0.84	9.94	0.36		0.00		0.00		0.00		0.00
3'	9.95	0.00	9.92	0.60		0.00		0.00		0.00		0.00
5'	9.96		9.93									
10'	9.90		9.90									
20'												
30'												
40'												
50'												
60'												
70'												
80'												
90'												
Settlement	0.05		0.03									

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TANK SHELL EVALUATION API 653 SECTION 2.3

Tank: **5** Date: **6/19/03**

Diameter: 45 feet
Height: 40 feet
t_1(avg.): 0.259 inches
t_2: 0.250 inches

Field data: 0.265
0.260
0.250
0.260
0.260
t_1= 0.259

Thickness Determination:

$L=3.7(D*t_2)^{1/2}$

Where: L= the maximum vertical length, in inches, over which hoop streees are assumed to "average out" around local discontinuities
D= tank diameter, in feet
t_2= the least thickness, in inches, in area of corrosion, exclusive of pits

L= 12.41018 inches

Minimum Thickness Calculation for Welded Tank Shell:

Course No. 1

t_{min}= 2.6DHG/SE = 0.195 inches

Where: t_{min}= the minimum acceptable thickness, in inches, as calculated from the above formula; however, t_{min} shall not be less than 0.1 inch for tank course
D= nominal diameter of tank, in feet
H= Height, in feet, from the bottom of length ***L*** for the most severely corroded area in each shell course to the maximum design liquid level
G= highest specific gravity of the contents (including water, if hydtsted)
S= maximum allowable stress in psi; use the smaller of 0.80Y or 0.426T for bottom and second course; use the smaller of 0.88Y or 0.472T for all other courses
Y= specified minimum yield strength of the plate; 30,000 psi if unknown
T= the smaller of the specified minimum tensile strength of the plate or 80,000 psi; use 55,000 psi if unknown
E= original joint efficiency for the tank. use E=0.7 if unknown, E=1.0 when evaluating the retirement thickness in a corroded plate, when away from welds or joints by at least the greater of 1 inch or twice the plate thickness
NOTE: For riveted tanks see section 653.2.3.4; see section 653.2.3.3 for complete explanation

D = 45 feet G = 1.0 Y = 30,000 psi
H = 40 feet S = 23,430 psi T = 55,000 psi
E = 1.0

Then, per API653 section 2.3.3.1:

If: a: t_1 >= t_{min}
0.259 >= 0.195

and

b: t_2 >= 60% t_{min}
0.250 >= 0.117

THEREFORE, NO ACTION IS REQUIRED

Maximum Safe Fill Height = **51.06** feet
(t_2SE/2.6DG) +1

Tank can be filled to capacity
Provided Containment Capacity is Sufficient

Courses

Tank: **5** Date: **6/19/03**

Diameter:	45	Yield:	23,430
Height:	40	Joint Efficiency:	1.0
Number of Courses:	5	Specific Gravity:	1.00

MINIMUM THICKNESS per each SHELL COURSE

	Height (TOC)	Minimum Thickness	
Course 1	8	0.195	**OK**
Course 2	16	0.155	**OK**
Course 3	24	0.115	**OK**
Course 4	32	0.075	**OK**
Course 5	40	0.035	**OK**

TANK BOTTOM EVALUATION - API 653 SECTION 2.4

Tank: **5** Date: **6/19/03**

Minimum Thickness for Tank Bottom Plate (API 2.4.7):

$$MRT = (\text{minimum of } RT_{bc} \text{ or } RT_{ip}) - O_r(StP_r + UP_r)$$

Where:

MRT = minimum remaining thickness at the end of interval O_r
This value must meet the requirments of Table 4-1
and sections 2.4.7.4 and 2.4.8

O_r = in-service interval (years to next inspection) not to exceed that allowed by 4.2.2 (normally 10 years)

RT_{bc} = minimum remaining thickness from bottom side corrosion, after repairs

RT_{ip} = minimum remaining thickness from internal corrosion after repairs

StP_r = maximum internal pitting rate, in inches per year; StP_r = 0 if tank bottom is internally lined.

UP_r = maximum underside pitting rate, in inches per year; UP_r = 0 if tank bottom is cathodically protected.

T_o =	0.345 inch	RT_{bc} =	0.325	UP_r =	0.000 in/yr
UP_m =	0.020 inch	RT_{ip} =	0.315	StP_r =	0.0010 in/yr
StP_m =	0.030 inch	O_r =	10.0 years		

Solve for: MRT = 0.305 inch

Or = 225.5 years where MRT = 0.100

NOTE: see API 653 table 4-1

Then if:

MRT > 0.100

THEREFORE, NO ACTION IS REQUIRED

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TANK SETTLMENT EVALUATION - API 653 APPENDIX B

Tank: 5

Date: 6/19/03

Diameter: 45 feet
Sections: 8

Arc (L): 17.67 feet
Yield(Y): 30000 psi
(E): 29000000 psi
Height(H): 40 feet

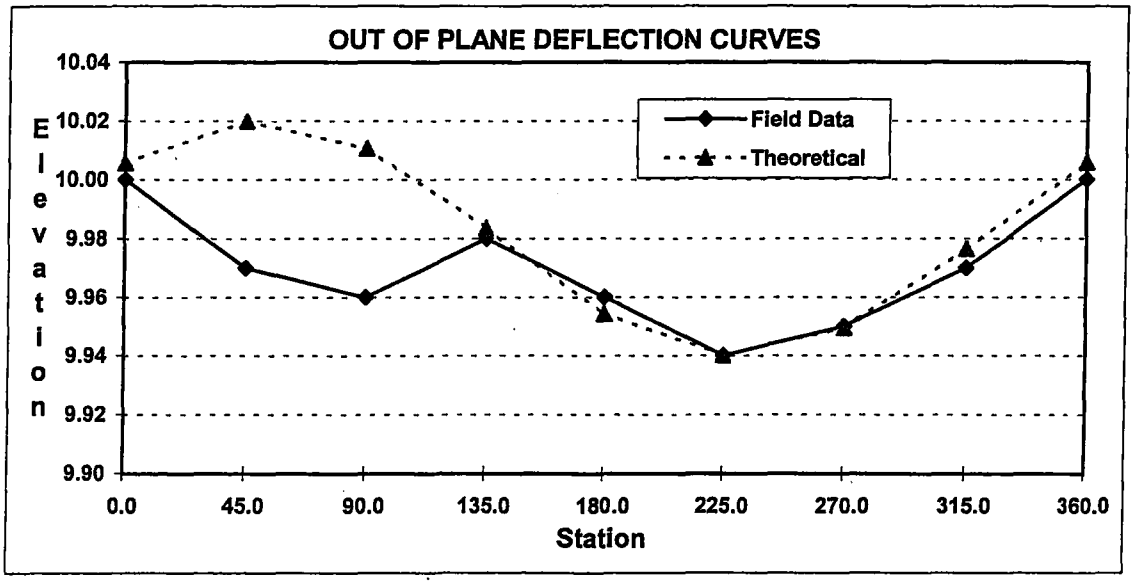
Maximum Permissible Out-of-Plane Deflection:

$S<=(L^2*Y*11)/(2(E*H)$

Where: S= deflection, in feet (out-of-plane distortion)
L= arc length, between measurement pts, in feet
Y= yield strength, in psi
E= Young's modulus, in psi
H= tank height, in feet

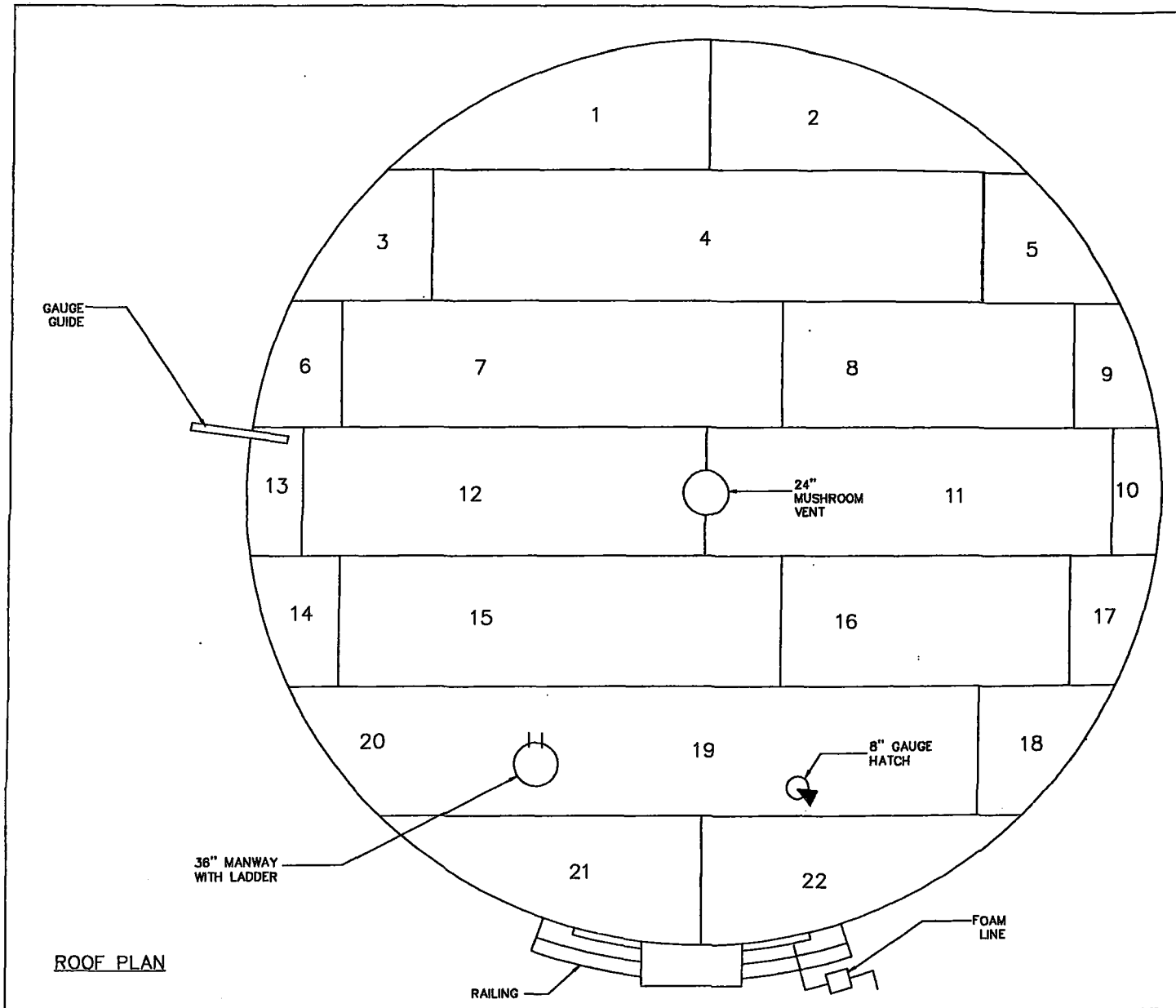
S<= 0.044419 feet

Degrees	Station	Field Data	Theoretical	Delta(U_i)	Deflection(S_i)
0.0	0.0	10.00	10.006	-0.006	0.0225
45.0	17.7	9.97	10.020	-0.050	-0.0217
90.0	35.3	9.96	10.011	-0.051	-0.0240
135.0	53.0	9.98	9.983	-0.003	0.0190
180.0	70.7	9.96	9.954	0.006	0.0075
225.0	88.4	9.94	9.940	0.000	-0.0033
270.0	106.0	9.95	9.949	0.001	0.0040
315.0	123.7	9.97	9.977	-0.007	-0.0040
360.0	141.4	10.00	10.006	-0.006	0.0225



THEN, SINCE THE MAXIMUM Si <= S NO ACTION IS REQUIRED

PCA ENGINEERING, INC.



ROOF PLAN

GENERAL NOTES:

TANK No. 5
40 DIA. X 45' H.

LEGEND

1 – ROOF PLATE No.

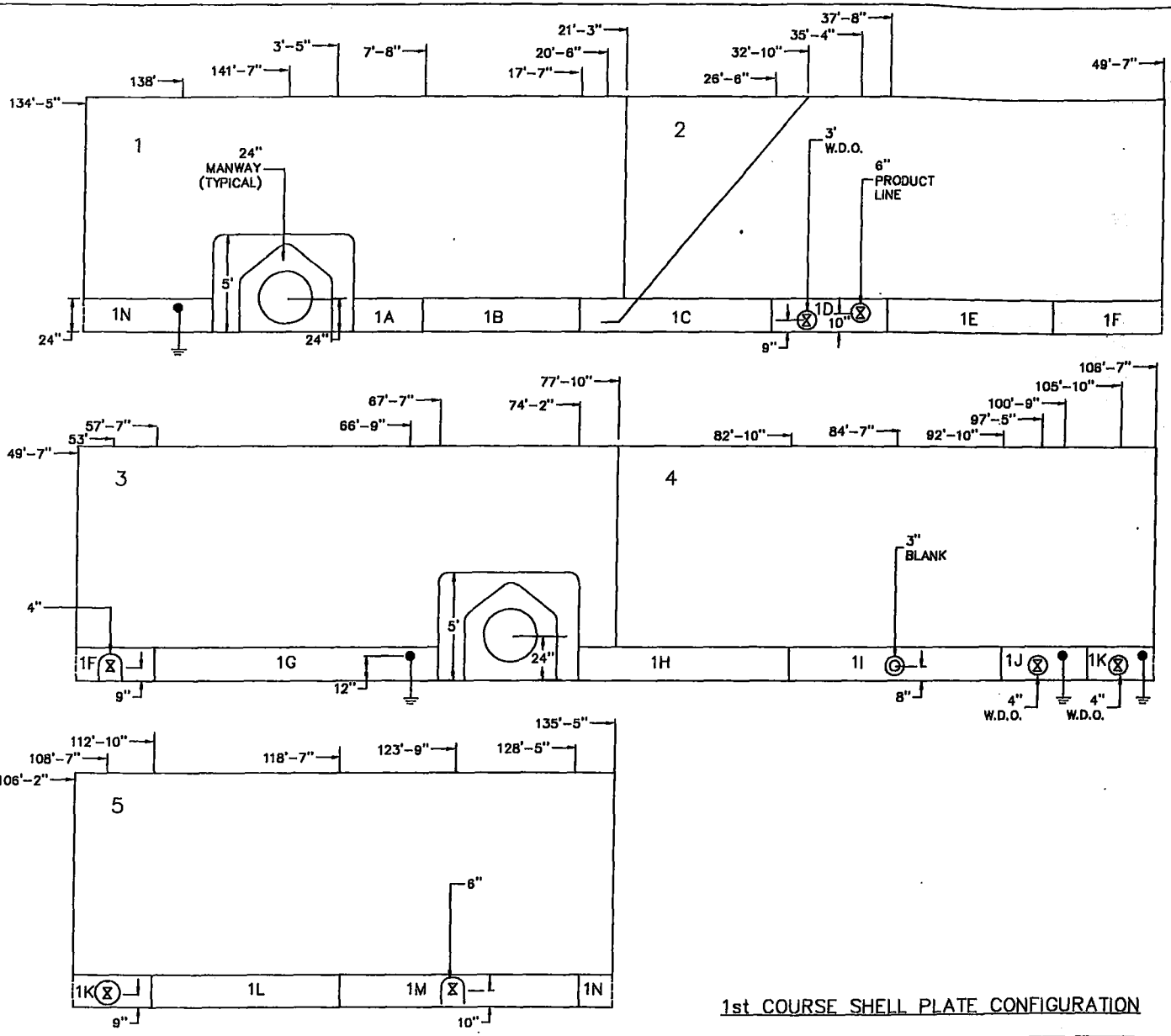
PCA ENGINEERING, INC.
430 Montclair Ave. Pompton Lakes, NJ.
TEL. (973) 616-4501

BAYSIDE FUEL OIL
1776 SHORE PARKWAY
BROOKLYN, NY

PROJECT LOCATION:
BAYSIDE FUEL OIL
SMITH STREET (SMITH TERMINAL)
BROOKLYN, NY

DRAWING TITLE:
ULTRASONIC THICKNESS SURVEY FOR TANK No. 5

CHECKED BY: WK	DRAWN BY: A.U.Z.
SCALE: N.T.S.	DATE: 6-23-03
DRAWING No.: BW-23286-01	REV. 0



1st COURSE SHELL PLATE CONFIGURATION

GENERAL NOTES:

TANK No. 5
40 DIA. X 45' H.

LEGEND

1 – SHELL PLATE No.

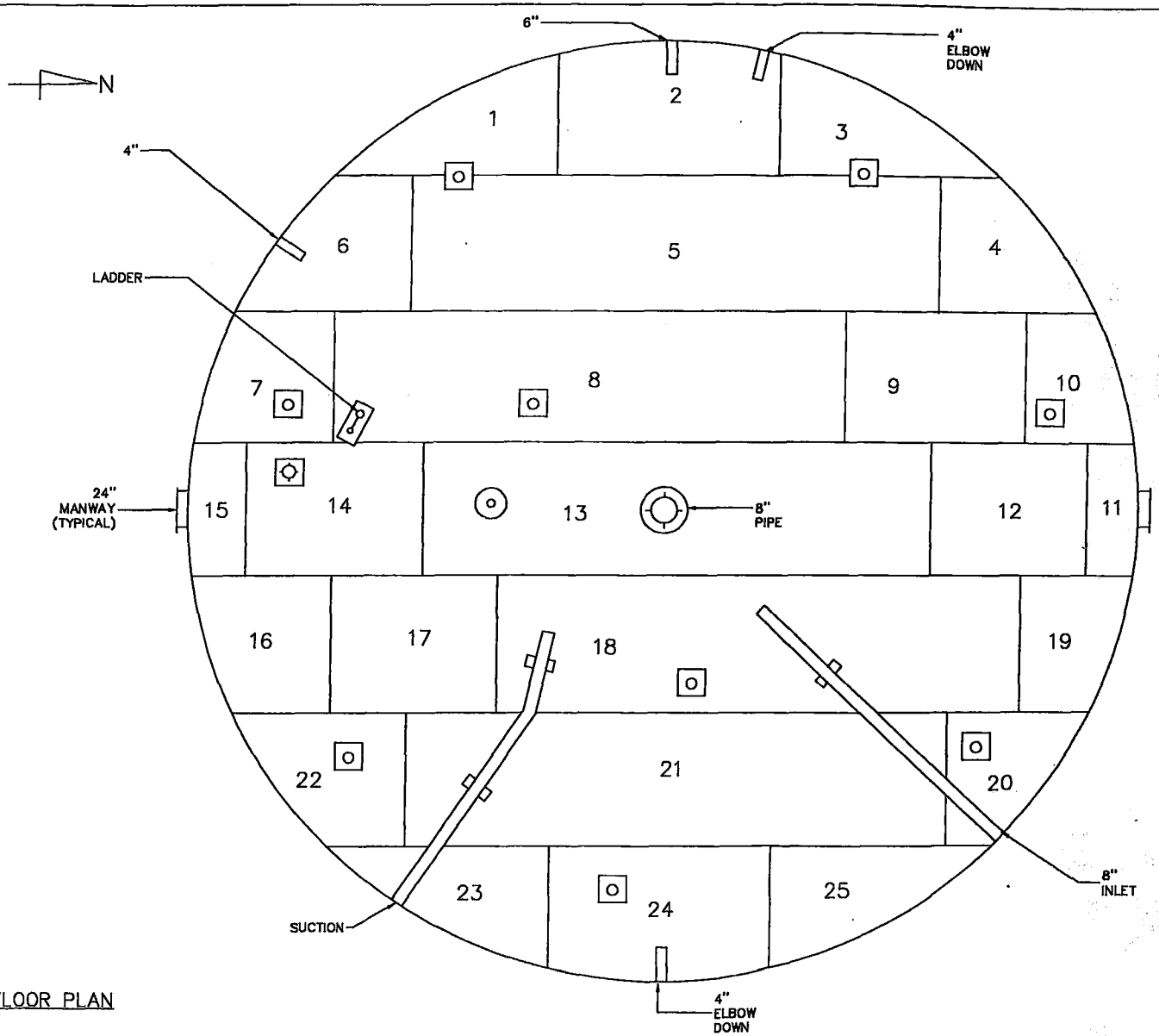
PCA ENGINEERING, INC.
430 Montclair Ave. Pompton Lakes, NJ.
TEL. (973) 616-4501

BAYSIDE FUEL OIL
1776 SHORE PARKWAY
BROOKLYN, NY

PROJECT LOCATION:
BAYSIDE FUEL OIL
SMITH STREET (SMITH TERMINAL)
BROOKLYN, NY

DRAWING TITLE:
ULTRASONIC THICKNESS SURVEY FOR TANK No. 5

CHECKED BY: WK		DRAWN BY: A.U.Z.	
SCALE: N.T.S.		DATE: 6-23-03	
DRAWING No.: BW-23286-02			REV. 0



FLOOR PLAN

GENERAL NOTES:

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V. API 653 CHECKLIST

API 653

TANK OUT-OF-SERVICE INSPECTION CHECKLIST

OVERVIEW

OK	Check that tank has been cleaned, is gas free, and safe for entry
OK	Check that the tank is completely isolated from product lines, all electrical power, and steam lines
OK	Check that roof is adequately supported, including fixed roof structure and floating roof legs
OK	Check for presence of falling object hazards, such as corroded-through roof rafters, asphalt stalactites, and trapped hydrocarbons in unopened or plugged equipment or appurtenances, ledges, etc.
OK	Inspect for slipping hazards on the bottom and roof decks
OK	Inspect structural welds on accessways and clips
OK	Check surfaces needing inspection for a heavy-scale buildup and check weld seams and oily surfaces where welding is to be done. Note areas needing more cleaning, including blasting

Remarks: _____

_____

TANK EXTERIOR

OK	Inspect appurtenances opened during cleaning such as lower floating swing sheave assemblies, nozzle interiors (after removal of valves)
OK	Hammer test or ultrasonically test the roof
N/A	Enter and inspect the floating roof pontoon compartments

Remarks: _____

_____

BOTTOM INTERIOR SURFACE

OK	Using a flashlight held close to and parallel to the bottom plates, and using the bottom plate layout as a guide, visually inspect and hammer test the entire bottom
OK	Measure the depth of pitting and describe the pitting appearance (sharp edged, lake type, dense, scattered, etc.)
OK	Mark areas requiring patching or further inspection
OK	Mark locations for turning coupons for inspection
OK	Inspect all welds for corrosion and leaks, particularly the shell-to-bottom weld
OK	Inspect sketch plates for corrosion
N/A	Locate and mark voids under the bottom
OK	Record bottom data on a layout sketch using the existing bottom plates as a grid. List the number and sizes of patches required
N/A	Vacuum test the bottom lap welds

OK	Hammer test or ultrasonically examine any slightly discolored spots or damp areas
OK	Check for reinforcing pads under all bottom attached clips, brackets and supports
OK	Inspect floating roof leg pads for pitting or cutting, and excessive dimpling (indicating excessive loading)
OK	Check the column bases of fixed roof supports for adequate pads and restraining clips
N/A	In earthquake zones 3 and 4, check that roof supports are not welded down to the tank, but are only restrained from horizontal movement
OK	Check area beneath swing line cable for indications of cable cutting or dragging
OK	Mark old oil and air test connection for removal and patching
OK	Identify and report low areas on the bottom that do not drain adequately
N/A	Inspect coating for holes, disbonding, deterioration, and discoloration

Remarks: _____

SHELL SEAMS AND PLATES

OK	On cone up bottoms, closely inspect and gauge the depth of metal loss on the lower 2 to 4 inches of the shell (area of standing water)
OK	Measure the depth of pitting on each course
OK	Inspect and estimate the amount of metal loss on the heads of rivets and bolts
OK	Inspect shell-to-bottom riveted lap joints
OK	Inspect for vertical grooving damage from seal assembly protrusions
N/A	Inspect existing protective coatings for damage, deterioration, and disbonding
OK	Check for areas of rubbing (indicating too much pressure by the seal assembly shoes or inadequate annular space)
OK	Visually inspect the shell plates and seams for indications of leakage
N/A	If the shell has riveted or bolted seams, record the leak locations by film or chart in case the locations are lost during surface preparation for painting
OK	Measure annular space at 40-foot intervals 6" 6¼" 6½" ____ ____ ____
OK	Survey the shell to check for roundness and plumb

Remarks: _____

SHELL-MOUNTED OVERFLOWS

OK Inspect overflow for corrosion and adequate screening
OK Check location of overflow that it is not above any tank valves or equipment

Remarks: _____

ROOF INTERIOR SURFACE

General

OK Visually inspect the underside surface of the roof plates for holes, scale buildup, and pitting
OK Hammer test or ultrasonically examine to check for thin areas, particularly in the vapor space of floating roofs and at edge of roof on cone roof tank
OK Check all clips, brackets, braces, etc., welded to the roof deck plate for welded reinforcing pads and see that they have not broken free
OK If no pad is present, penetrant test for cracking of the weld or deck plate
OK Inspect the protective coating for breaks, disbondment, and deterioration

Remarks: _____

Fixed Roof Support Structure

OK Inspect the support columns for thinning in the upper two feet
N/A On API columns (two channels welded together) check for corrosion scale breaking the tack welds, unless the joint between the channels is completely seal welded
OK Check that the reinforcing pad on the bottom is seal welded to the tank bottom with horizontal movement restraining clips welded to the pad
OK Determine if pipe column supports are concrete filled or open pipe. If open pipe, check for a drain opening in the bottom of the pipe
OK Inspect and gauge rafters for thinning, particularly near the center of the roof. Report metal loss
OK Check for loose or twisted rafters
OK Inspect girders for thinning and check that they are attached securely to the top of the columns
OK Report if the columns have cross bracing in the area between the low pump out and top of the shell (for future internal floating roof installation)
OK Inspect and report presence of any roof-mounted swing line bumpers
OK Photograph the roof structure if no rafter layout drawing exists

Remarks:

FIXED ROOF APPURTENANCES

Inspection and Light Hatches

OK	Inspect the hatches for corrosion, paint and coating failures, holes, and cover sealing
OK	On loose covers, check for a safety chain in good condition
N/A	On light hatches over 30 inches across, check for safety rods
N/A	Inspect the condition of the gaskets on bolted or latched down hatch covers

Remarks:

Staging Support Connection

N/A	Inspect the condition of the staging support for corrosion

Remarks:

Breathers and Vents

N/A	Inspect and service the breather
OK	Inspect screens on vents and breathers

Remarks:

Emergency P/V Hatches

N/A	Inspect and service pressure/vacuum hatches (setting should be high enough to prevent chattering of breather during normal operation. See breather manufacturer's guide
N/A	Inspect liquid seal hatches for corrosion and proper liquid level in the sea

Remarks:

Sample Hatch

OK	Inspect sample hatch for corrosion
OK	Check that the cover operates properly
OK	If the tank has no gaugewell, check for a hold off distance marker and check measurement

Remarks: _____

FLOATING ROOF

Roof Deck

N/A Hammer test the area between roof rim and shell. (If access for hammer testing is inadequate, measure the distance from the bottom edge of the roof to the corroded area and then hammer test from inside the pontoon)

N/A In sour water service, clean and test all deck plate weld seams for cracking unless the lower laps have been seal welded

N/A Check that either the roof drain is open or the drain plug in the roof is open in case of unexpected rain

OK On flat bottomed and cone down bottom roof decks, check for a vapor dam around the periphery of the roof. The dam should be continuous without break to prevent escape of vapors to the seal area from under the center of the roof

Remarks: _____

Floating Roof Pontoons

N/A Visually inspect each pontoon for liquid leakage

N/A Run a light wire through the gooseneck vents on locked down inspection hatch covers to make sure they are open

N/A Inspect lockdown latches on each cover

Check and report if each pontoon is:

_____ Vapor tight (bulkhead seal welded on one side on bottom, sides and top

_____ Liquid tight (seal welded on bottom and sides only) or

_____ Unacceptable (minimum acceptable condition is liquid tight)

Remarks: _____

Floating Roof Cutouts

OK Inspect underside of cutouts for mechanical damage

OK Inspect welds for cracks

OK Inspect plate for thinning, pitting, and erosion

N/A Measure mixer cutouts and record plate thickness for future mixer installation or replacement

Plate thickness: _____

Remarks: _____

Floating Roof Supports

OK	Inspect fixed low and removable high floating roof legs for thinning
OK	Inspect for notching at bottom of legs for drainage
OK	Inspect for leg buckling or bellying at bottom
OK	Inspect pin hole in roof guide for tears
OK	Check plumb of all legs
OK	Inspect for adequate reinforcing gussets on all legs through a single portion of the roof
OK	Inspect the area around the roof legs for cracking if there is no internal reinforcing pad or if the topside pad is not welded to the deck plate on the underside
OK	Inspect the sealing system on the two-position legs and the vapor plugs in the fixed low leg for deterioration of the gaskets
OK	On the shell mounted roof supports, check for adequate clearance based on the maximum floating roof movement as determined by the position of the roof relative to the gaugewell and/or counter rotational device

Remarks:

FLOATING ROOF SEAL ASSEMBLIES

Primary Shoe Assembly

N/A	Remove four sections of foam log (foam filled seals) for inspection, on 90° locations
OK	Inspect hanger attachment to roof rim for thinning, bending, broken welds, and wear of pin holes
N/A	Inspect clips welded to roof rim for thinning
N/A	Shoes: Inspect for thinning and holes in shoes
OK	Inspect for bimetal bolts, clips, and attachments
OK	Seal fabric: Inspect for deterioration, stiffening, holes, and tears in fabric
OK	Measure length of fabric from top of shore to roof rim, and check against maximum anticipated annular space as roof operated
OK	Inspect any modification of shoes over shell nozzles, mixers, etc., for clearance
OK	Inspect shoes for damage caused by striking shell nozzles, mixers, etc.

Remarks:

Primary Toroidal Assembly

OK	Inspect seal fabric for wear, deterioration, holes, and tears
OK	Inspect hold down system for buckling or bending
N/A	Inspect foam for liquid absorption and deterioration

Remarks:

Rim Mounted Secondaries

OK	Inspect the rim-mounted bolting bar for corrosion and broken welds
N/A	Measure and chart seal-to-shell gaps
OK	Visually inspect seal from below, looking for holes as evident by light
OK*	Inspect fabric for deterioration and stiffness
OK	Inspect for mechanical damage, corrosion, and wear on tip in contact with shell
OK	Inspect for contact with obstructions above top of shell

Remarks: *rigidity of the leg seal is compromised; some sag is evident.

FLOATING ROOF APPURTENANCES

Roof Manways

OK	Inspect walls of manways for pitting and thinning
OK	On tanks with interface autogauges, check seal around gauge tape cable and guide wires through manway cover
OK	Inspect cover gasket and bolts

Remarks:

Rim Vent

N/A	Check rim vent for pitting and holes
N/A	Check vent for condition of screen
N/A	On floating roof tanks where the environmental rules require closing off the vent, check the vent piping for corrosion at the pipe-to-rim joint and check that the blinding is adequate

Remarks:

Vacuum Breaker, Breather Type

N/A	Service and check operation of breather valve
N/A	Check that nozzle pipe projects no more than 1/2 inch below roof deck
N/A	Inspect reinforcing pad and pad weld

Remarks:

Vacuum Breaker, Mechanical Type

OK	Inspect the stem for thinning. Measure how far the vacuum breaker cover is raised off the pipe when the roof is resting on high or low legs On high legs: _____ On low legs: _____

Remarks:

Roof Drains: Open Systems, Including Emergency Drains

N/A Check liquid level inside open roof drains for adequate freeboard. Report if there is insufficient distance between liquid level and top of drain

N/A If tank comes under Air Quality Monitoring District rules, inspect the roof drain vapor plug

N/A If emergency drain is not at the center of the roof, check that there are at least three emergency drains

Remarks:

Closed Drain Systems: Drain Basins

N/A Inspect for thinning and pitting

N/A Inspect protective coating (topside)

N/A Inspect basin cover or screen for corrosion

N/A Test operation of check valve

N/A Check for presence of check valve where bottom of basin is below product level

N/A Inspect drain basin(s) to roof deck welds for cracking

N/A Check drain basin(s) outlet pipe for adequate reinforcement to roof deck (including reinforcing pad)

Remarks:

Closed Drain Systems: Fixed Drain Line on Tank Bottom

N/A Hammer test fixed drain line on tank bottom for thinning and scale/ debris plugging

N/A Inspect supports and reinforcing pads for weld failures and corrosion

N/A Check that pipe is guided, not rigidly locked to supports, to avoid tearing of tank bottom plate

Remarks:

Closed Drain Systems: Flexible Pipe Drain

N/A Inspect for damage to exterior of pipe

N/A Check for obstructions that pipe could catch on

N/A Inspect shields to protect pipe from snagging

N/A Inspect results of hydrotest on flexible roof drain system

Remarks:

Closed Drain Systems: Articulated Joint Drain

N/A	Hammer test rigid pipe in flexible joint system for thinning and scale debris plugging
N/A	Inspect system for signs of bending or strain
N/A	Inspect results of system hydrotest
N/A	Inspect landing leg and pad

Remarks:

Autogauge System and Alarms

OK	Check freedom of movement of tape through autogauge tape guide
OK	Inspect sheaves for freedom of movement
OK	Test operation checker
OK	Inspect tape and tape cable for twisting and fraying
OK	Test the tape's freedom of movement through guide sheaves and tape guide pipe
N/A	On open-top tanks, check that gate tapes with cables have no more than one foot of tape exposed with float at lowest point
N/A	Check float for leakage
OK	Test float guide wire anchors for spring action by pulling on wire and releasing
OK	Inspect floatwells in floating roofs for thinning and pitting of walls just above the liquid level
N/A	Check that the autogauge tape is firmly attached to the float
OK	Inspect the tape cable and float guide wire fabric seals through the floatwell cover
OK	Inspect the bottom guide wire attachment clip; inspect for a temporary weighted bar instead of a permanent welded down clip
N/A	Inspect board-type autogauges indicators for legibility and freedom of movement of indicator
N/A	Measure and record these distances to determine if seal damage will occur if tape is run over:
_____	From shell top angle to underside of tape guide system
_____	From liquid level on floating top to top of secondary seal
OK*	Identify floating roofs where the tape is connected directly to the roof
OK	Overfill alarm: Inspect tank overfill prevention alarm switches for proper operation

Remarks: *tape cable is directly attached to the floating roof; no gauge float is provided.

COMMON TANK APPURTENANCES

Gauge Well

OK	Inspect gauge well pipe for thinning at about two-thirds distance
OK	above the bottom: look for thinning at the edge of the slots
N/A	Check for corrosion on the pipe joint. Check that sample cords, weights, thermometers, etc., have been removed from pipe
OK	Check for cone at bottom end of pipe about one foot above the bottom

OK	Check condition of well washer pipe and that its flared end is directed at the near side of the hold-off pad
OK	Check that the supports for the gaugewell are welded to pad or to shell and not directly to bottom plate
OK	Check operation of gaugewell cover
OK	Check presence of a hold-off distance marker in well pipe and record hold-off distance Hold-Off Distance
*	Identify and report size and pipe schedule, and whether pipe is solid or slotted. Report slot size
N/A	Check that the hold-off distance plate is seal welded to the bottom and that any gaugewell supports are welded to the plate and not directly to the bottom
N/A	Inspect vapor control float and cable
N/A	Check for presence and condition of gaugewell washer
N/A	Check for bull plug or plate blind on gaugewell washer valve
N/A	Inspect gaugewell guide in floating roof for pitting and thinning
N/A	Inspect the guide rollers and sliding plates for freedom of movement
N/A	Inspect condition of gaugewell pipe seal system
N/A	On black oil and diesel services: if gaugewell is also used for sampling, check for presence of a thief- and gauge-type hatch to avoid spillage
OK	Visually inspect inside of pipe for pipe weld protrusions which could catch or damage vapor control float

Remarks: *8-inch diameter gauge well; 2" x 10" slots

Sampling Systems: Roof Sample Hatches

OK	Inspect roof mounted sample hatches for reinforcing pads and cracking
OK	Inspect cover for operation
N/A	For tanks complying with Air Quality Monitoring District rules, inspect sample hatch covers for adequate sealing
OK	Check horizontal alignment of internal floating roof sample hatches under fixed roof hatches
OK	Inspect the sealing system on the internal floating roof sample hatch cover
N/A	Inspect floating roof sample hatch cover recoil reel and rope

Remarks:

Shell Nozzles

OK	Inspect shell nozzles for thinning and pitting
OK	Inspect hot tap nozzles for trimming of holes
OK	Identify type of shell nozzles
OK	Identify and describe internal piping, including elbow up and elbow down types

Remarks:

For Nozzles Extended into the Tank

OK	Inspect pipe support pads welded to tank bottom
OK	Inspect to see that pipe is free to move along support without strain or tearing action on bottom plate
OK	Inspect nozzle valves for packing leaks and damaged flange faces
N/A	Inspect heater steam nozzle flanges and valves for wire cutting
N/A	Report which nozzles have thermal pressure relief bosses and valves
N/A	In internal elbow-down fill line nozzles, inspect the wear plate on the tank bottom
N/A	On elbow-up fill lines in floating roof tanks, check that opening is directed against underside of roof, not against vapor space. Inspect impact area for erosion

Remarks: _____

_____

Diffusers and Air Rolling Systems

N/A	Inspect diffuser pipe for erosion and thinning
N/A	Check holes in diffuser for excessive wear and enlargement
N/A	Inspect diffuser supports for damage and corrosion
N/A	Check that diffuser supports restrain, not anchor, longitudinal line movement
N/A	Inspect air spiders on bottom of lube oil tanks for plugging and damaged or broken threaded joints

Remarks: _____

_____

Swing Lines

N/A	Inspect flexible joint for cracks and leaks
N/A	Scribe the flexible joint across the two moving faces and rise end of swingline to check the joint's freedom of movement, indicated by separation of scribe marks
N/A	Check that flexible joints over six inches are supported
N/A	Inspect the swing pipe for deep pitting and weld corrosion
N/A	Loosen the vent plugs in the pontoons and listen for a vacuum. Lack of a vacuum indicates a leaking pontoon
N/A	Check the results of air test on pontoons during repairs
N/A	Inspect the pontoons for pitting
N/A	Inspect the pull-down cable connections to the swing
N/A	Inspect the condition of the bottom-mounted support, fixed roof limiting bumper, or shell mounted limiting bumper of wood condition, weld and bolt corrosion, and seal welding to bottom or shell
N/A	Inspect safety hold-down chain for corrosion and weak links
N/A	Check that there is a welded reinforcing pad where the chain connects to the bottom
N/A	If the floating swing in a floating or internal floating roof does not have a limiting device preventing the swing from exceeding 60 degrees, measure and calculate the maximum angle possible with the roof on overflow

_____ Maximum angle on overflow

(If the calculated angle exceeds 65 degrees, recommend installation of a limiting bracket)

N/A Inspect pull down cable for fraying

N/A Inspect for three cable clamps where cable attaches to end of swingline (single-reeved) or to roof assembly (double-reeved). Inspect sheaves for freedom of movement

N/A Inspect winch operation and check the height indicator for legibility and accuracy

N/A Inspect bottom-mounted sheave assembly at end of pontoon for freedom of rotation of sheave

N/A Inspect shell mounted lower sheave assembly for freedom of rotation of sheave, corrosion thinning, and pitting of sheave housing

N/A Inspect upper sheave assembly for freedom of movement of sheave

N/A Inspect the cable counterbalance assembly for corrosion and freedom of operation

Remarks:

Manway Heater Racks

N/A Inspect the manway heater racks for broken welds and bending of the sliding rails

N/A Measure and record the length of the heater and length of the track

Remarks:

Mixer Wear Plates and Deflector Stands

N/A Inspect bottom and shell plates and deflector stands

N/A Inspect for erosion and corrosion on the wear plates. Inspect for rigidity, structural soundness, corrosion, and erosion of deck plates and reinforcing pads that are seal welded to the bottom under the deflector stand legs

N/A Measure for propeller clearance between the bottom of deflector stand and roof when the roof is on low legs

Remarks:

ACCESS STRUCTURES

Handrails

OK Identify and report type (steel pipe, galvanized pipe, square tube, angle) and size of handrails

OK Inspect for pitting and holes, pain failure

OK Inspect attachment welds

OK Identify cold joints and sharp edges. Inspect the handrails and midrails

OK Inspect safety drop bar (or safety chain) for corrosion, functioning and length

N/A Inspect the handrail between the rolling ladder and the gauging platform for a hazardous opening when the floating roof is at its lowest level

Remarks: *steel angle, 2½" welded

Platform Frame

OK Inspect frame for corrosion and paint failure
OK Inspect the attachment of frame to supports and supports to tank; for corrosion and weld failure
OK Check reinforcing pads where supports are attached to shell or roof
OK Inspect the surface that deck plate or grating rests on, for thinning and holes
OK Check that flat-surface to flat-surface junctures are seal welded

Remarks:

Deck Plate and Grating

N/A Inspect deck plate for corrosion-caused thinning or holes (not drain holes) and paint failure
N/A Inspect plate-to-frame weld for rust scale buildup
N/A Inspect grating for corrosion-caused thinning of bars and failure of welds
N/A Check grating tie-down clips. Where grating has been retrofitted to replace plate, measure the rise of the step below and above the grating surface and compare with other risers on the stairway

Remarks:

Stairway Stringers

OK Inspect spiral stairway stringers for corrosion, paint failure, and weld failure. Inspect attachment of stairway treads to stringer
OK Inspect stairway supports to shell welds and reinforcing pads
OK Inspect steel support attachment to concrete base for corrosion

Remarks:

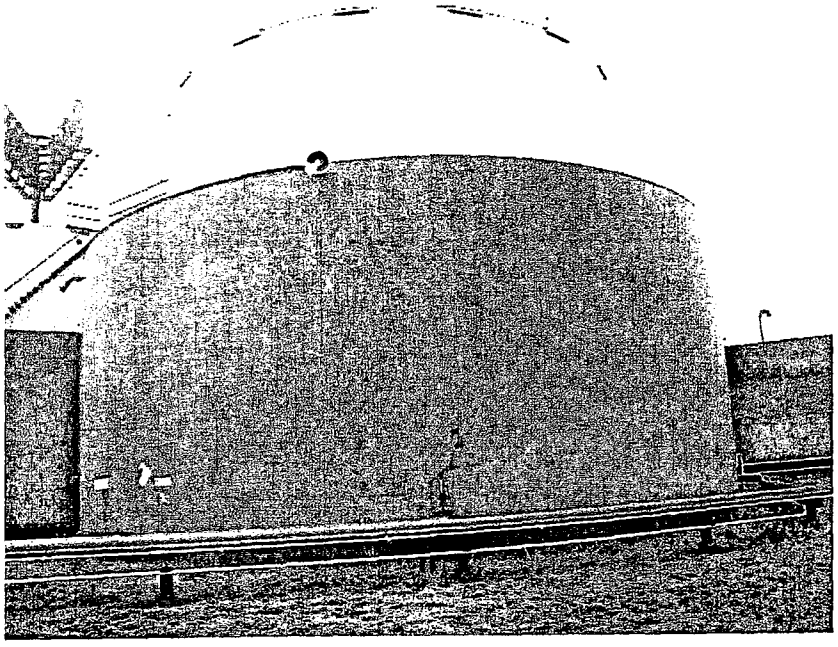
Rolling Ladder

N/A Inspect rolling ladder stringers for corrosion
N/A Identify and inspect ladder fixed rungs (square bar, round bar, angles) for weld attachment to stringers and corrosion, particularly where angle rungs are welded to stringers
N/A Check for wear and corrosion where rolling ladder attaches to gauging platform
N/A Inspect pivot bar for wear and secureness

N/A	Inspect operation of self-leveling stairway treads
N/A	Inspect for corrosion and wear on moving parts
N/A	Inspect rolling ladder wheels for freedom of movement, flat spots, and wear on axle
N/A	Inspect alignment of rolling ladder with roof rack
N/A	Inspect top surface of rolling ladder track for wear by wheels to assure at least 18 inches of unworn track (track long enough)
N/A	Inspect rolling ladder track welds for corrosion
N/A	Inspect track supports on roof for reinforcing pads seal welded to deck plate
N/A	Check, by dimensioning, the maximum angle of the rolling ladder when the roof is on low legs Maximum angle: _____
N/A	If rolling ladder track extends to within five feet of the edge of the roof on the far side, check for a handrail on the top of the shell on that side

Remarks: _____

VI. PHOTOGRAPHS



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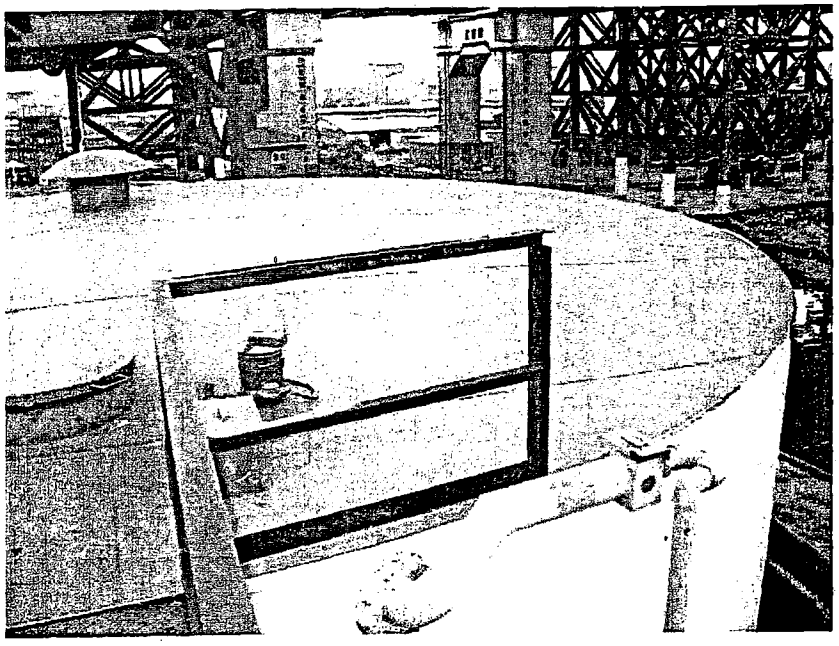
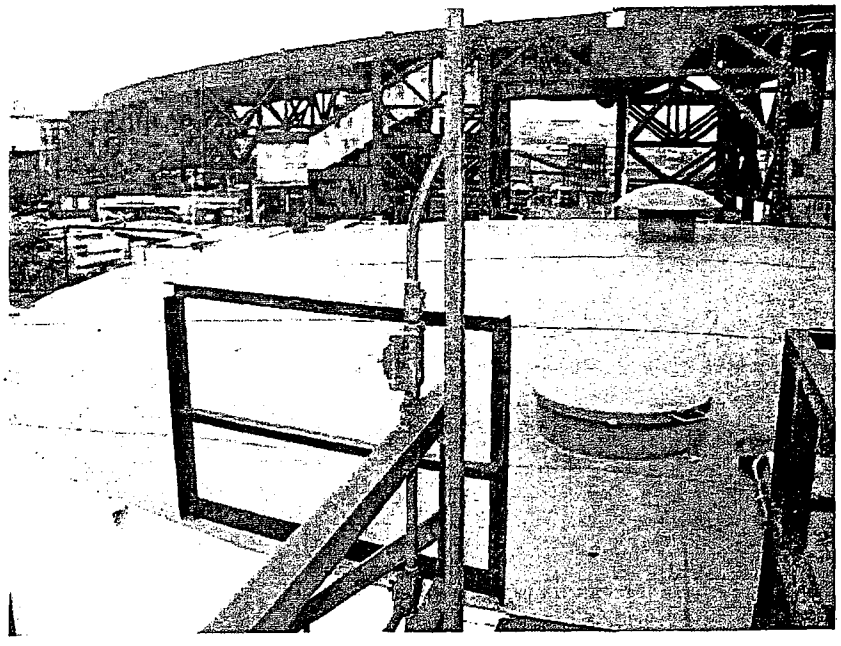
6/19/03
Tank No. 5 - overview



P6190017.JPG
6/19/03
Roof overview - south



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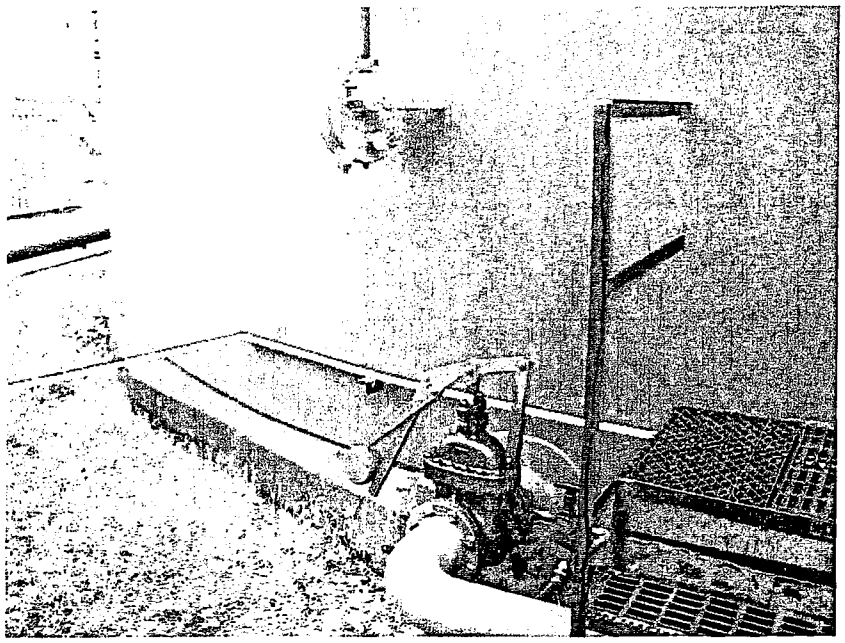
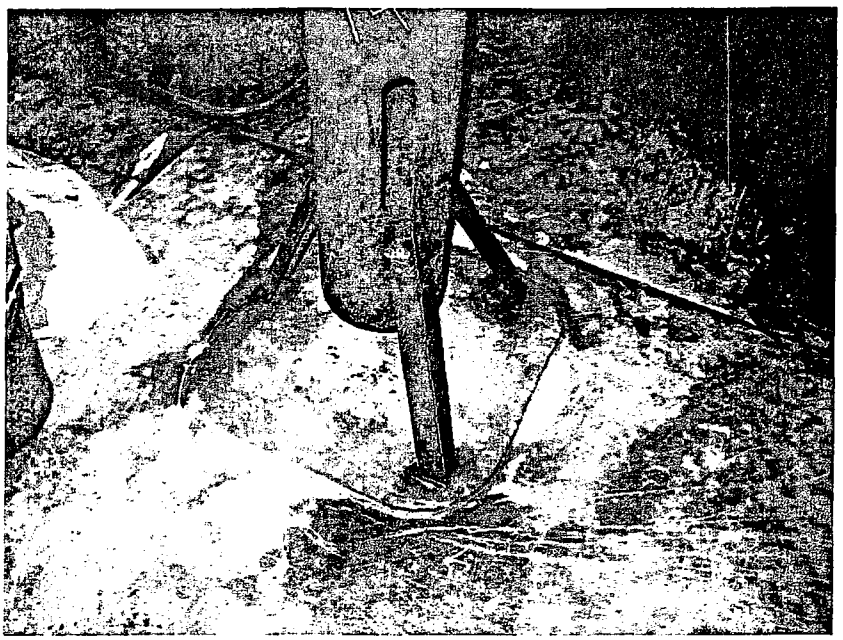
6/19/03
Roof overview - north



P6190016.JPG
6/19/03
Product line penetrating secondary containment wall



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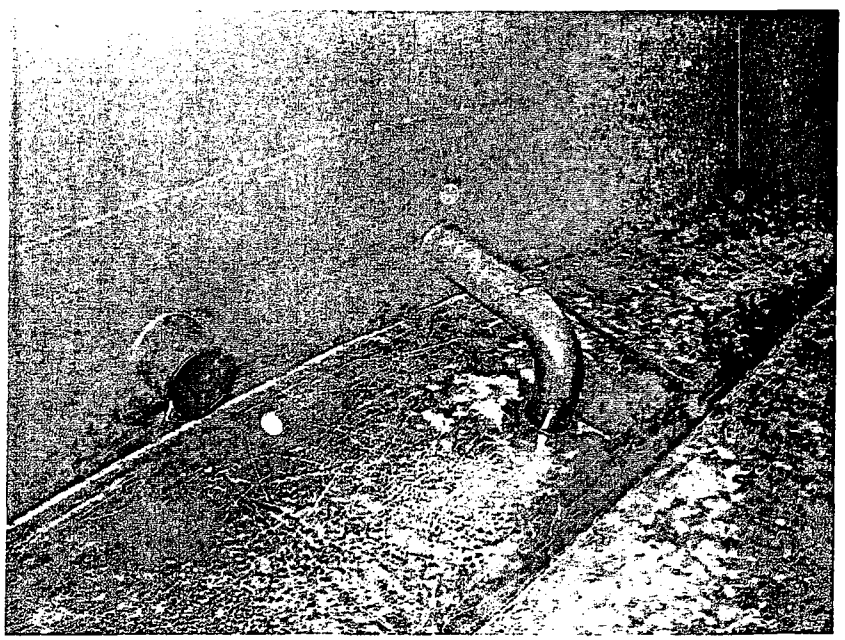
Gauge well



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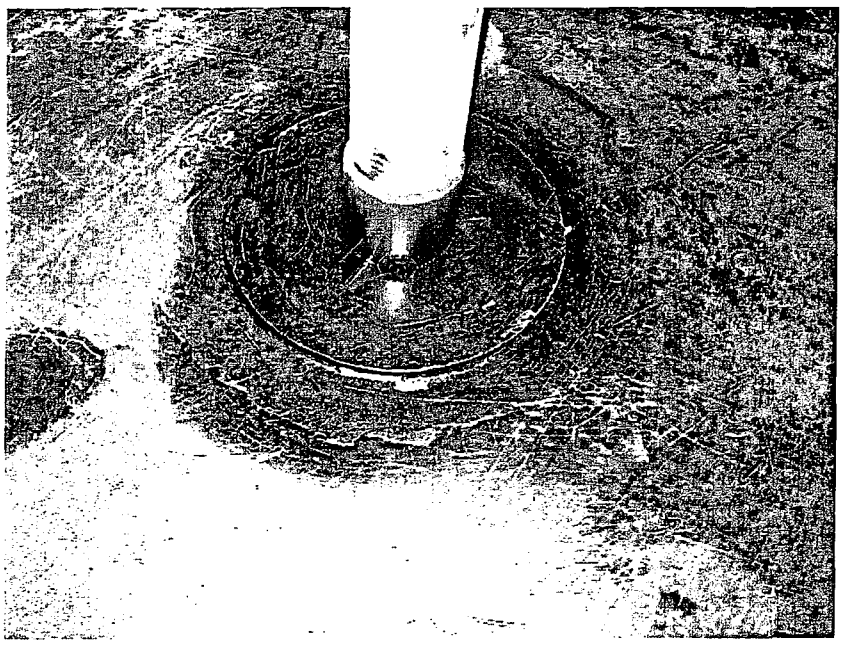
6/19/03
Interior piping



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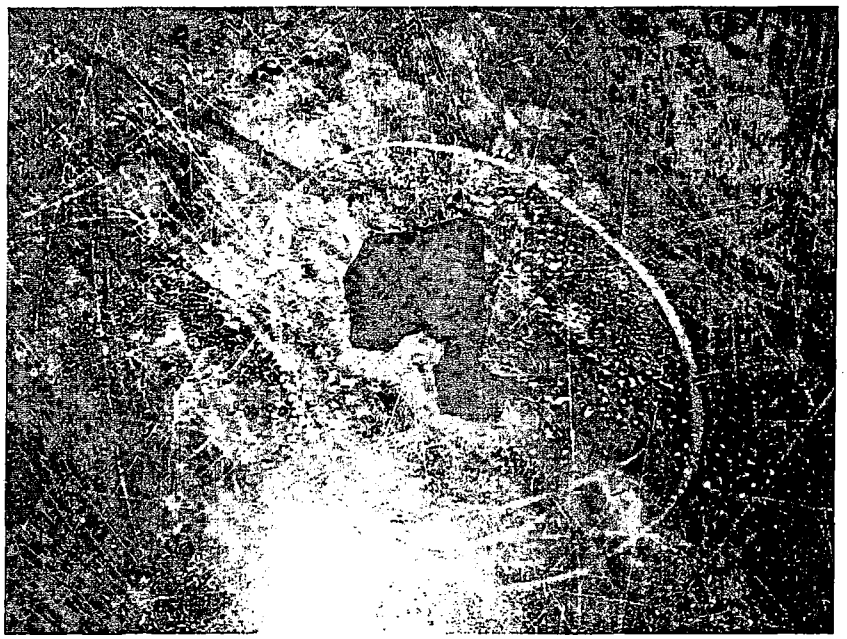
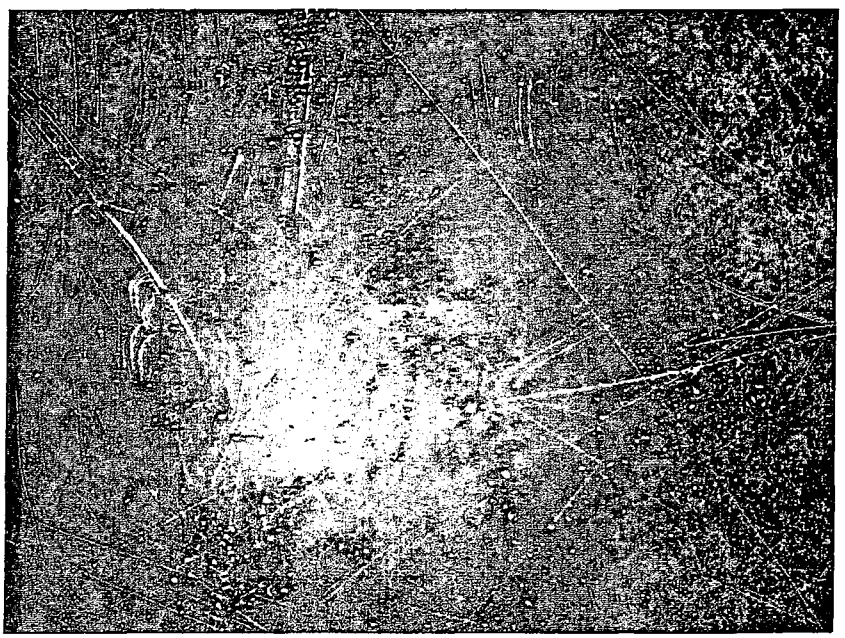
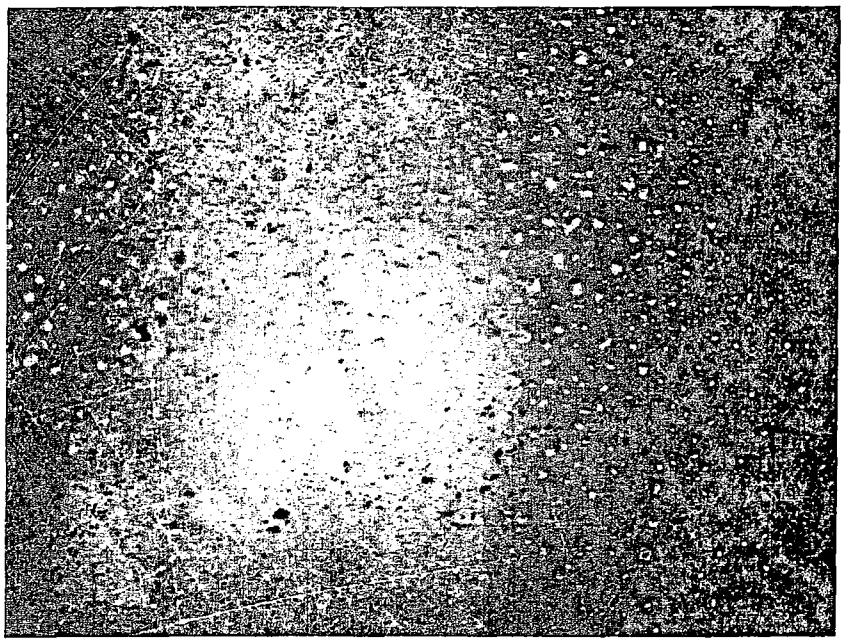
6/19/03
Center column



P6190005.JPG
6/19/03
Delaminated epoxy



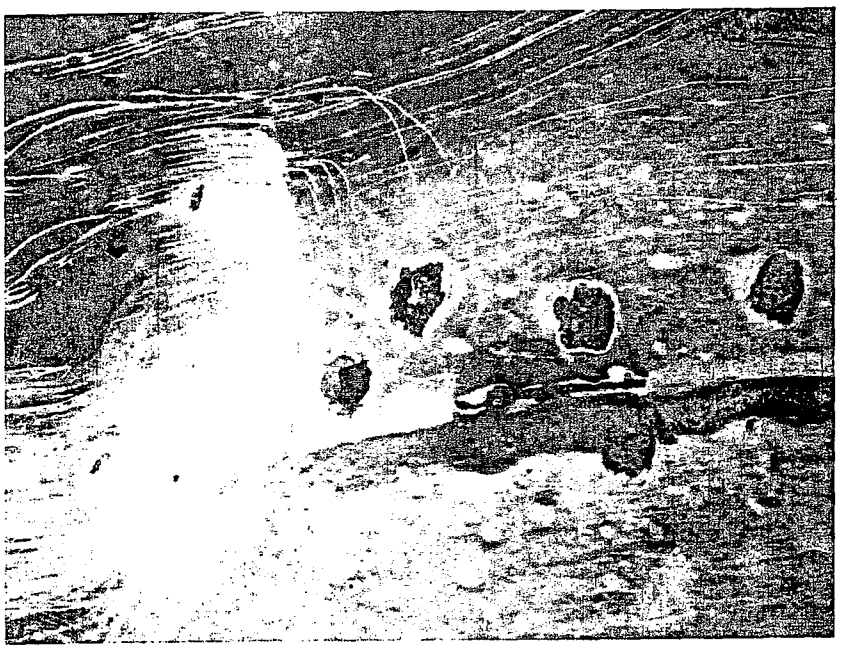
P6190007.JPG
6/19/03
Blistered/cracked epoxy



P6190008.JPG
6/19/03
Blistered epoxy

P6190009.JPG
6/19/03
Blistered epoxy

P6190012.JPG
6/19/03
Cracked areas in epoxy



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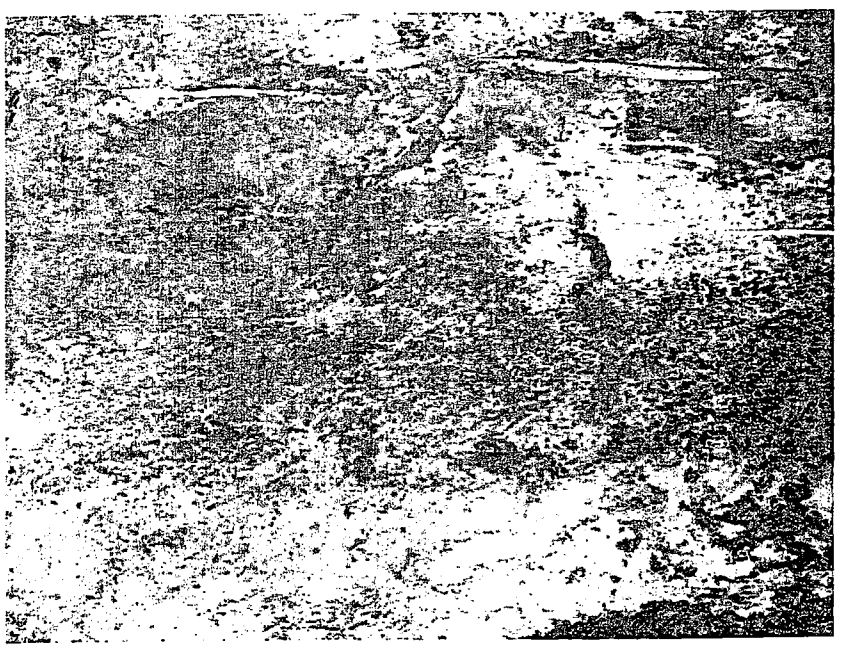
Delaminated floor epoxy



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6/19/03
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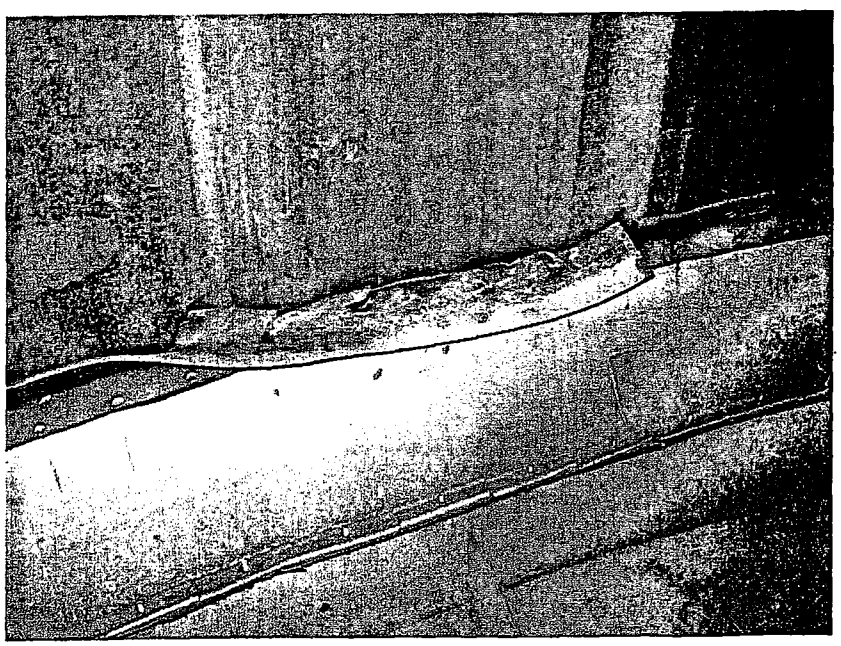
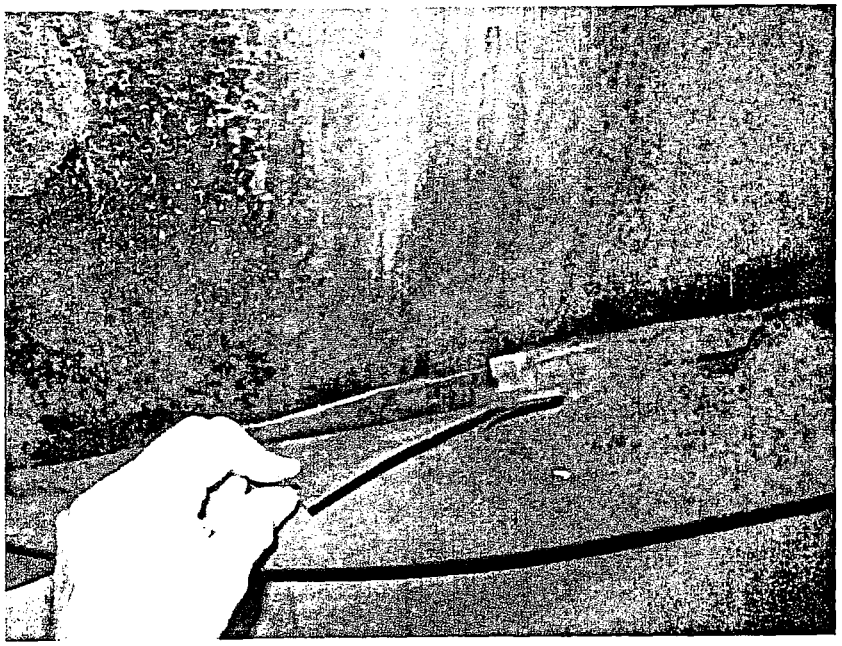


P6190021.JPG
6/19/03
Deteriorated vapor seal



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6/19/03
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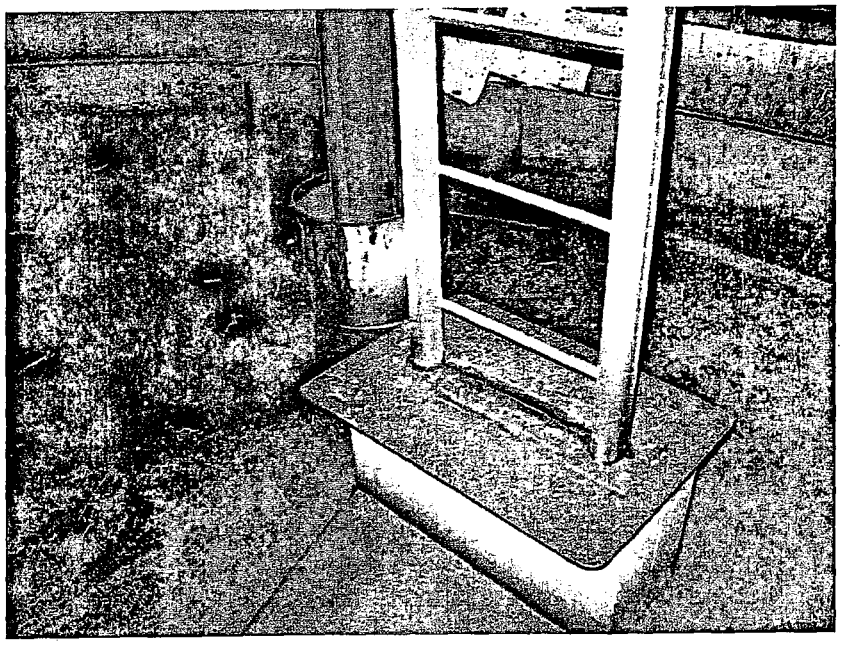

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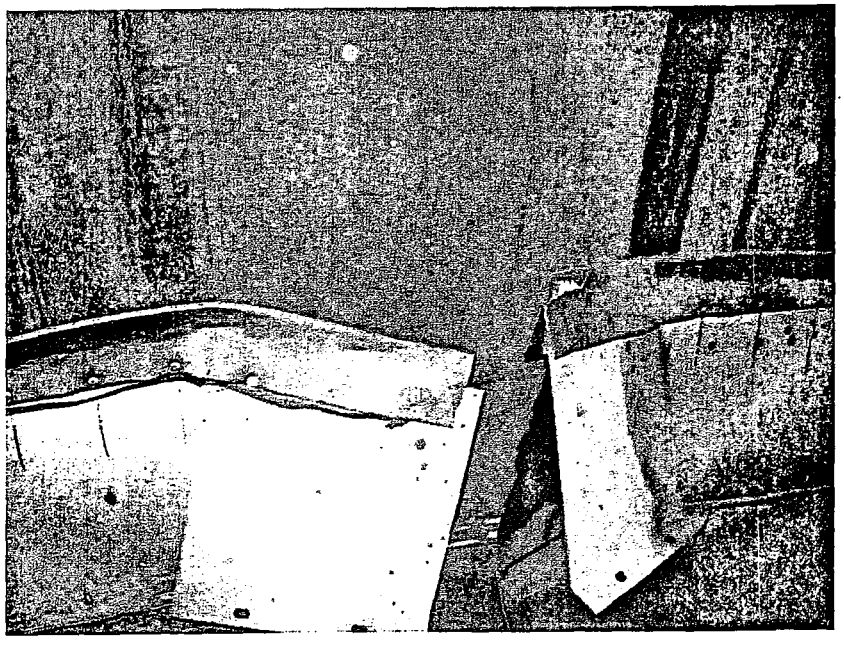
6/19/03
Ladder negotiator



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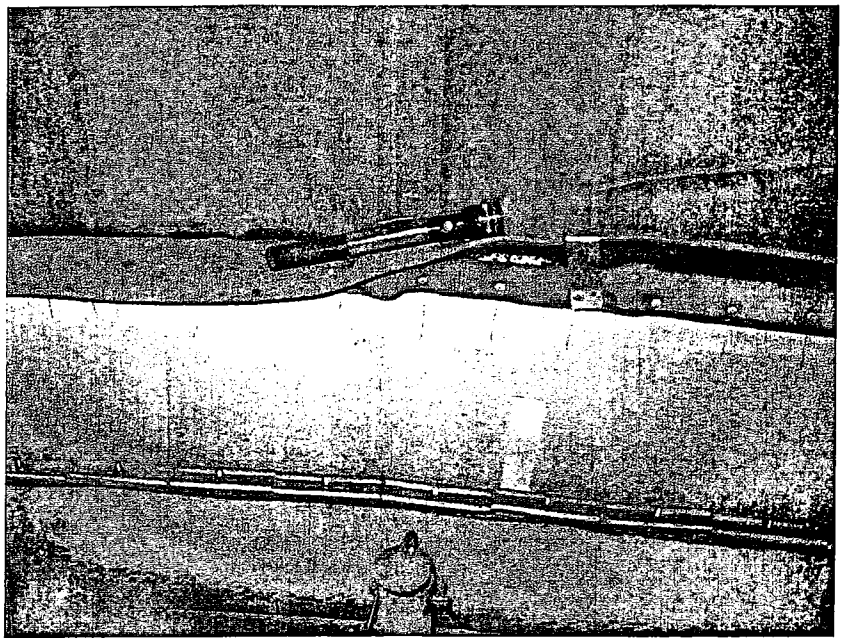
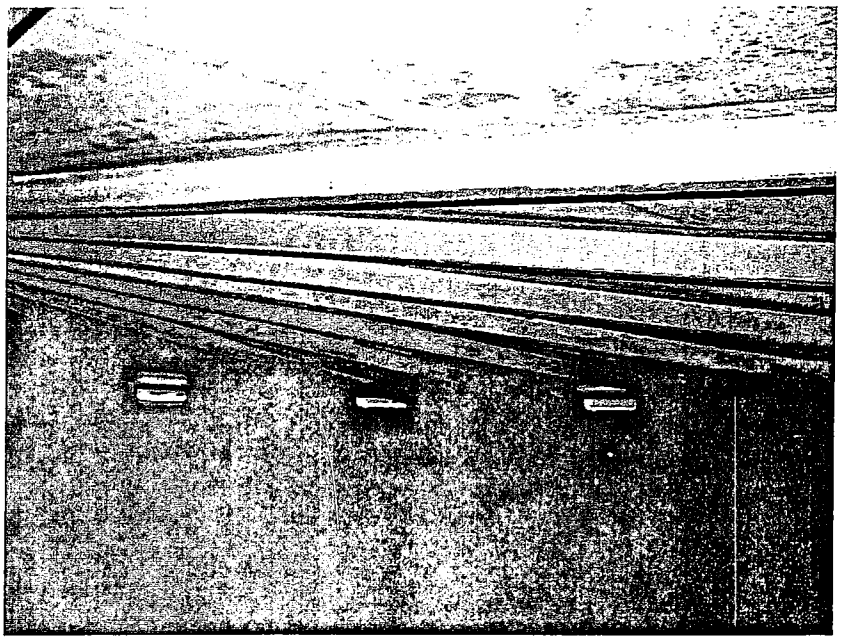
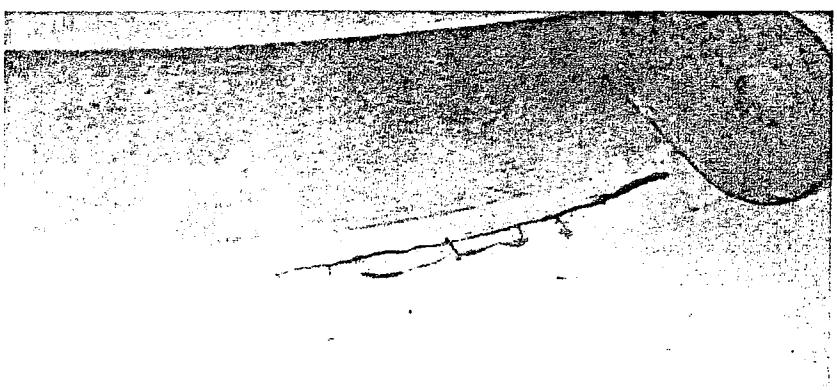
6/19/03
Deteriorated vapor seal



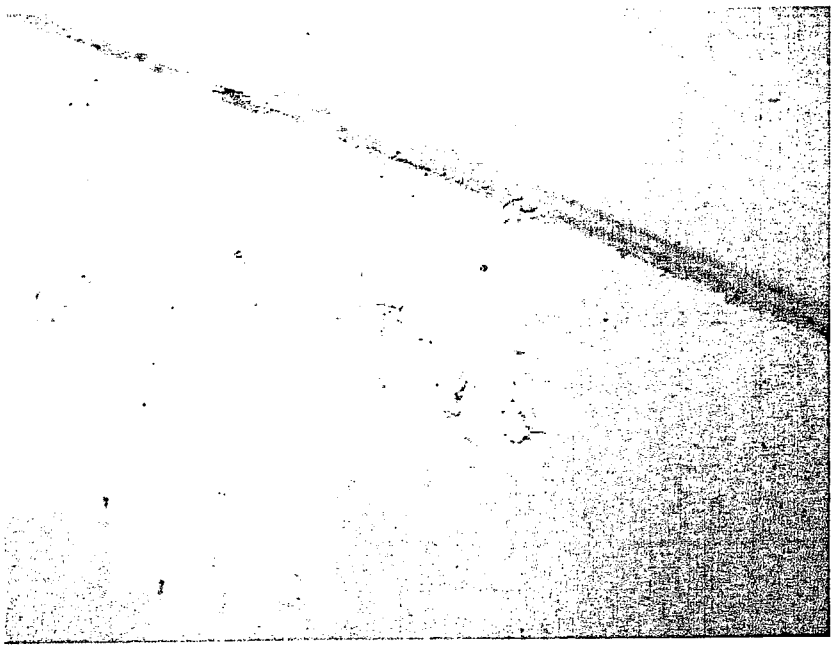
P6190027.JPG
6/19/03
Deteriorated vapor seal



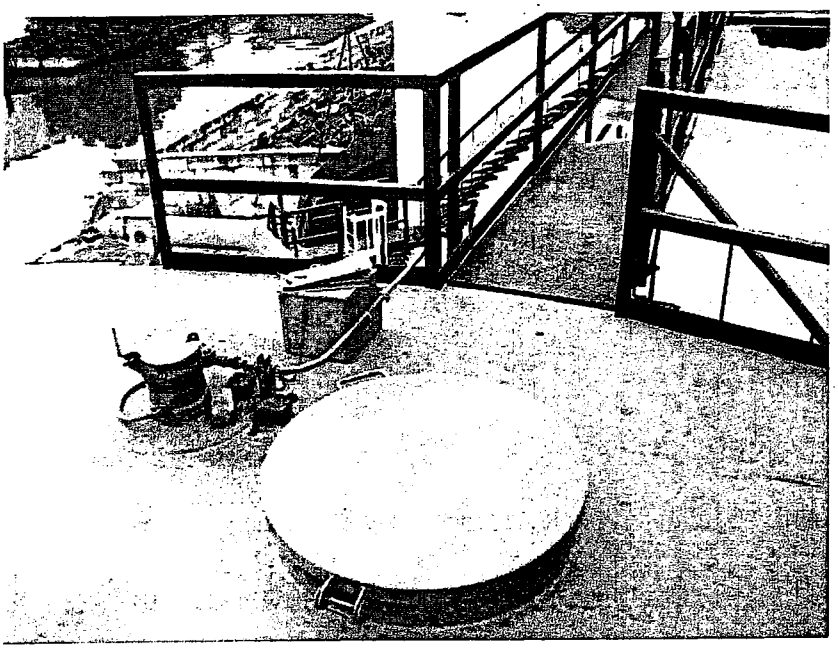
P6190031.JPG
6/19/03
Roof underside



P6190032.JPG
6/19/03
Isolated roof paint failure



P6190034.JPG
6/19/03
Isolated roof paint failure



P6190033.JPG
6/19/03
Roof appurtenances

VII. RECOMMENDATIONS

As a result of the findings disclosed in the inspection of Tank No. 5, PCA Engineering, Inc. makes the following recommendations:

- Replace the floor epoxy coating system in its entirety.
- Restore the exterior paint coating.
- If the tank is reassigned to a high vapor pressure product (gasoline, etc.), replace the vapor seal as needed.

The maximum interval until the next internal inspection would be 10 years based on New York State Regulation, the attached calculation, the available data, and assumes completion of above repairs, operation under the same service and operating conditions. This does not preclude regular in-service inspection by terminal personnel and qualified inspector, and it is not a guarantee of future performance. The inspection/service interval can be substantially improved through the addition of cathodic protection corrosion control and/or an internal floor coating system, per applicable standards.

VII. RECOMMENDATIONS (Cont'd)

All repairs should be completed per API 650, 653 and other applicable Standards. An inspection of all repairs should be performed prior to return to service.

Based on the extent of the inspections performed on Tank No. 5, the test results indicate no substantial corrosion or defects above and beyond that noted, as of the test date June 19, 2003. This is not to be construed as an expressed or implied warranty of future performance.

Bayside Fuel Oil Depot
Tank No. 5
June 19, 2003
PCA Job No. 23286

Kenneth Northern

KENNETH NORTHERN
PCA ENGINEERING, INC.

WILLIAM M. KENT
PCA ENGINEERING, INC.
API Certification No. 297

WMK:lms

Notwithstanding anything contained in this report, nothing herein shall be construed as a representation, warranty or guarantee, either expressed or implied, regarding the future structural integrity or future life expectancy of any of the items tested. This report and any analysis provided is in all respects subject to and shall be interpreted within the limitations and parameters of the test procedures performed. In the event testing is performed using a sampling procedure, this report and any analysis shall be limited to those areas actually tested and the type of test conducted, and the customer is cautioned not to extrapolate the results of the test samples.

Prepared for:

Bayside Fuel Oil Depot

1776 Shore Parkway

Brooklyn, NY 11214

Out-of-Service Inspection of Tank No. 4 located at the Bayside Fuel Oil Depot Smith Street Terminal Brooklyn, New York on August 13, 14 and September 3, 2002

Prepared by:

PCA Engineering, Inc.
430 Montclair Avenue
P.O. Box 196
Pompton Lakes, NJ 07442

PCA Job No. 22443

September 16, 2002

PHASE I REPORT

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API-653 Section 2.3

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VII. RECOMMENDATIONS

I. INTRODUCTION AND BACKGROUND

On August 13, 14 and September 3, 2002, PCA Engineering, Inc. personnel performed an Internal Out-of-Service Inspection on Tank No. 4 located at the Bayside Fuel Oil Depot, Brooklyn, New York Terminal.

The Bayside Fuel Oil Depot Facility Registration Number for New York State is 2-1260. The inspection of Tank No. 4 conforms to Section 6NYCRR, Part 613.6 "Handling and Storage of Petroleum", New York State Department of Conservation.

The inspection performed is in compliance with the API 653 Standard.

An Industrial Scientific ATX-6 was used for vapor monitoring prior to and during entry. Prior to entry, the oxygen content was found to be 20.9% and the lower flammability level (LFL) 0%. These are considered non-hazardous and the interior inspection proceeded. All product lines were checked and found to be blinded or locked out.

PCA personnel on site had prior Hazardous Entry and Confined Space Entry training.

SITE DESCRIPTION

Tank No. 4 is a welded, above ground, upright, cylindrical storage tank measuring 40 feet in diameter by 45 feet in height. The tank was erected in 1972 by Chicago Bridge & Iron and has a product capacity of 10,736 barrels. The product content during the last period of service was No. 2 heating oil.

The original tank floor is fabricated of 21 lap-welded carbon steel plates. The tank shell is arranged in 5 butt-welded courses, with 5 plates per course. The tank fixed roof is fabricated of 22 lap-welded plates arranged in a cone configuration, supported by a single column.

The tank is provided with a double deck, welded steel floating pontoon roof.

Secondary containment is comprised of a welded steel circular wall enclosing the tank with a concrete liner.

TEST PROCEDURES

The following is a list of the tests performed and their procedures involved in the inspection of Tank No. 4:

TEST PROCEDURES (Cont'd)

A) Ultrasonic Thickness Measurements

To obtain the residual metal thickness readings, either a Cygnus Model 3 or Cygnus Model 4 Ultrasonic Digital Thickness Gauge, with a 2.25 MHz transducer was used. The Cygnus Model 3 has a resolution of +/- 0.002 inch; the Cygnus Model 4 has a resolution of +/- 0.005 inch, accuracy allowing for use on steel plate/piping materials used in storage tanks. The calibration of the instrument is confirmed prior to and during testing using a steel step block. The couplant used was Sonotech UT-X and/or motor oil.

A minimum of five (5) ultrasonic thickness readings were taken at each floor plate, with five (5) additional readings taken adjacent to the floor/shell joint on approximately 2 foot intervals. A W. R. Thorpe Pit Gauge was available to measure any pit depths, with readings taken at the point of deepest penetration. All ultrasonic thickness readings and pitted areas are noted on the enclosed data tables. The arrangement of the floor plates is shown on the enclosed PCA drawings.

TEST PROCEDURES (Cont'd)

A minimum of five (5) ultrasonic thickness readings were taken at each plate of the lower course of shell plates and each plate adjacent to the spiral stairway ascending to the roof, with readings tabulated on the enclosed data tables. The arrangement of the shell appurtenances is shown on the enclosed PCA drawings.

As an appurtenance survey, ultrasonic thickness measurements were taken on principle pipe penetrations and their API plates within the lower course of shell plates.

A minimum of five (5) ultrasonic thickness readings were taken at each roof plate. See the enclosed data tables and drawings.

B) Interior Perimeter Elevation Survey

The interior survey is based on an assumed datum of 10 feet, as shown on the "Interior Elevation Survey", with measurements shown clockwise or counter-clockwise around the tank. Cross sections are taken at various intervals around the tank, as shown on the drawing.

TEST PROCEDURES (Cont'd)

The interior elevation survey is helpful in evaluating the condition of the floor plates. Low spots are areas of drastic grade changes, as indicated on the drawing, are potential areas of excessive stresses in the floor plates, and indications of possible loss of sub-structure support. Elevation cross sections are helpful to analyze this data.

C) Magnetic Flux Leakage Floor Scan

The tank floor was inspected using a Magnetic Flux Leakage Floor Scan (MFL and/or MFE).

The Magnetic Flux Leakage floor scanner operates using permanent rare-earth magnets to bring a section of the steel floor plate to magnetic saturation. A defect, located on front or back surfaces, causes a scattering of the magnetic "lines of force" or flux. Sensors located between the magnets detect this flux leakage and display the result on a display screen.

MFL/MFE inspection is a qualitative inspection tool, which primarily detects plate cross-sectional volume loss (as opposed to remaining thickness) and correlates this as an amplitude display.

TEST PROCEDURES (Cont'd)

An observed significant indication is evaluated by the technicians using ultrasonic equipment for quantitative classification.

The Magnetic Flux Leakage Scan covers the majority of the tank floor plate, with the exception of the areas within 4 to 6 inches of the lap welds, corner welds, lap patches, columns, etc. Any additional areas not scanned are marked on the tank floor drawing.

II. SUMMARY OF FINDINGS

Upon completion of the inspections conducted on Tank No. 4, the following results were obtained:

Ultrasonic Thickness Inspection

The residual plate metal thickness measurements ranged as follows:

Floor:	.220" to .272" pitting at 0.240"
Shell:	.248" to .274" (1st Course)
	.204" to .208" (2nd Course)
	.196" to .210" (3rd Course)
	.200" to .208" (4th Course)
	.192" to .196" (5th Course)
Roof:	.184" to .200"

Interior Perimeter Elevation Survey

The perimeter elevations (shell settlement) indicate a maximum differential of 0.04 feet (0.48 inches). The settlement is considered planar tilt, with the maximum out-of-plane deflection of 0.01 feet (0.12 inch). The maximum permissible out-of-plane deflection per API 653, B.3.2 is 0.04 feet (0.48 inch).

II. SUMMARY OF FINDINGS (Cont'd)

There are no visible indications of tank shell or floor stress, or recent/active displacement of fill material from around or under the tank. This information, in conjunction with the tank's age (30 years +/-), would indicate the tank has reached its maximum settlement with no changes in deflections anticipated, based on current operational procedures and site conditions.

The internal cross section elevation results disclosed edge settlement with a typical radius of 3 feet. The maximum edge settlement observed was 0.99 inches, which is within 75% of the allowable settlement as noted in API 653, Figure B-10 and Figure B-11. Settlement between 75 and 100 percent of allowable requires further inspection, while settlement in excess of the allowable requires repair or engineering evaluation.

Magnetic Flux Leakage Floor Scan

Results of the magnetic flux leakage floor scan of the floor indicated topside consumption at numerous areas of up to 95% of the original 0.250 inch thickness.

The underside deterioration did not exceed a calibrated 40% threshold limit of the scanner. The extensive quantity of top surface indications may serve to limit sensitivity to underside discontinuities.

III. DISCUSSION

The visual and magnetic flux scan inspection of the product side of the floor surface revealed conditions of extensive deterioration resulting from topside pitting at locations indicated on the enclosed drawing.

Mechanical deficiencies included the lack of seal welded reinforcing pads to the gauge well, internal ladder and inlet pipe supports.

Inspection of the floating roof resulting in locating a deteriorated negotiator for the roof ladder, apparent softening of the log type vapor seal with two (2) active leaks and accumulated debris remaining as a result of the removal of an earlier vapor seal. Note that the tank is currently in heating oil service, and as such the floating roof is not required for operation.

Deficiencies of the exterior roof and shell surfaces showed only conditions of isolated minimum paint failure.

IV. TEST DATA

CORROSION SURVEY FIELD DATA TABLE

OWNER: Bayside Fuel Oil Depot
STRUCTURE: Tank No. 4
DATE OBTAINED: 08/13/02
SURVEYED BY: W. M. Kent

Ultrasonic Thickness Measurements
Tank Floor - In Inches

PCA JOB NO. 22443

	1	2	3	4	5
Plate No. 1	0.254	0.252	0.246	0.248	0.242
	0.254	0.252	0.248	0.252	0.252
Plate No. 2	0.250	0.252	0.256	0.256	0.248
	0.254	0.252	0.256	0.256	0.256
Plate No. 3	0.248	0.248	0.248	0.248	0.246
	0.244	0.244	0.248	0.244	0.244
Plate No. 4	0.250	0.256	0.224	0.252	0.256
	0.260	0.254	0.224	0.256	0.256
Plate No. 5	0.252	0.256	0.256	0.248	0.256
	0.256	0.256	0.252	0.252	0.252
Plate No. 6	0.248	0.250	0.248	0.252	0.248
	0.252	0.252	0.252	0.252	0.252
Plate No. 7	0.250	0.248	0.248	0.248	0.248
	0.248	0.248	0.244	0.248	0.248
Plate No. 8	0.240	0.244	0.244	0.244	0.248

minimum	0.220
average	0.253
maximum	0.272

CORROSION SURVEY FIELD DATA TABLE

OWNER: Bayside Fuel Oil Depot
STRUCTURE: Tank No. 4
DATE OBTAINED: 08/13/02
SURVEYED BY: W. M. Kent

Ultrasonic Thickness Measurements
Tank Floor - In Inches

PCA JOB NO. 22443

	1	2	3	4	5
Plate No. 9	0.252	0.256	0.252	0.252	0.252
	0.252	0.256	0.252	0.252	0.252
Plate No. 10	0.252	0.252	0.252	0.250	0.250
	0.248	0.252	0.252	0.252	0.254
Plate No. 11	0.256	0.268	0.268	0.272	0.268
Plate No. 12	0.256	0.258	0.256	0.256	0.254
	0.254	0.252	0.254	0.254	0.252
Plate No. 13	0.256	0.256	0.260	0.256	0.256
	0.256	0.256	0.252	0.252	0.254
Plate No. 14	0.244	0.244	0.244	0.246	0.244
Plate No. 15	0.256	0.252	0.252	0.252	0.252
	0.256	0.256	0.256	0.256	0.260
Plate No. 16	0.250	0.252	0.250	0.246	0.252
	0.252	0.252	0.220	0.254	0.244
Plate No. 17	0.260	0.260	0.258	0.260	0.256
	0.262	0.262	0.260	0.260	0.260

CORROSION SURVEY FIELD DATA TABLE

OWNER: Bayside Fuel Oil Depot
STRUCTURE: Tank No. 4
DATE OBTAINED: 08/13/02
SURVEYED BY: W. M. Kent

PCA JOB NO. 22443

Ultrasonic Thickness Measurements
Tank Floor - In Inches

	1	2	3	4	5
Plate No. 18	0.260	0.260	0.256	0.258	0.260
	0.260	0.256	0.260	0.262	0.260
Plate No. 19	0.258	0.258	0.260	0.260	0.260
	0.256	0.260	0.260	0.260	0.260
Plate No. 20	0.256	0.256	0.258	0.256	0.256
	0.256	0.256	0.256	0.254	0.254
Plate No. 21	0.252	0.252	0.252	0.252	0.252
	0.252	0.252	0.254	0.254	0.252

CORROSION SURVEY FIELD DATA TABLE

OWNER: Bayside Fuel Oil Depot
STRUCTURE: Tank No. 4
DATE OBTAINED: 08/13/02
SURVEYED BY: W. M. Kent

PCA JOB NO. 22443

Ultrasonic Thickness Measurements
Tank Shell - In Inches

	1	2	3	4	5
Plate No. 1	0.256	0.252	0.256	0.260	0.248
Plate No. 2	0.256	0.252	0.260	0.256	0.256
Plate No. 3	0.252	0.252	0.256	0.254	0.256
Plate No. 4	0.256	0.256	0.252	0.252	0.254
Plate No. 5	0.264	0.264	0.268	0.272	0.274

minimum	0.248
average	0.257
maximum	0.274

Shell Wall Profile

Course No. 1	0.256	0.252	0.254	0.252	0.252
Course No. 2	0.204	0.208	0.208	0.206	0.204
Course No. 3	0.196	0.204	0.210	0.208	0.198
Course No. 4	0.200	0.204	0.208	0.208	0.204
Course No. 5	0.192	0.196	0.194	0.196	0.196

CORROSION SURVEY FIELD DATA TABLE

OWNER: Bayside Fuel Oil Depot
STRUCTURE: Tank No. 4
DATE OBTAINED: 08/13/02
SURVEYED BY: W. M. Kent

PCA JOB NO. 22443

Appurtenance Survey
In Inches

	Top	Side	Bottom	Side
24" Manway	0.475	0.470	0.470	0.470
API	0.365	0.375	0.370	0.375
2½" Water Draw-Off	0.380	0.380	0.400	0.390
6" Inlet	0.415	0.410	0.435	0.430
API	0.260	0.260	0.265	0.265
4" Outlet	0.325	0.345	0.340	0.320
API	0.250	0.250	0.250	0.245
24" Manway	0.490	0.485	0.190	0.490
API	0.360	0.360	0.360	0.365
4" Blank	0.280	0.285	0.300	2.190
API	0.260	0.260	0.260	0.260
2½" Water Draw-Off	0.390	0.385	0.390	0.390
4" Blank	0.320	0.330	0.325	0.330
API	0.250	0.250	0.255	0.250
8" Inlet	0.410	0.415	0.420	0.425
API	0.260	0.255	0.255	0.255

CORROSION SURVEY FIELD DATA TABLE

OWNER: Bayside Fuel Oil Depot
STRUCTURE: Tank No. 4
DATE OBTAINED: 08/13/02
SURVEYED BY: W. M. Kent

PCA JOB NO. 22443

Ultrasonic Thickness Measurements
Tank Roof - In Inches

	1	2	3	4	5
North to South	0.194	0.200	0.196	0.196	0.194
	0.192	0.186	0.192	0.188	0.184
	0.192	0.188	0.188	0.186	0.192
	0.196	0.196	0.196	0.194	0.190
	0.196	0.196	0.194	0.190	0.198
East to West	0.196	0.194	0.192	0.192	0.192
	0.192	0.192	0.192	0.192	0.192
	0.192	0.192	0.194	0.196	0.192
	0.192	0.194	0.194	0.194	0.196
	0.192	0.194	0.196	0.196	0.196

minimum	0.184
average	0.193
maximum	0.200

CORROSION SURVEY FIELD DATA TABLE

OWNER: Bayside Fuel Oil Depot
STRUCTURE: Tank No. 4
DATE OBTAINED: 08/13/02
SURVEYED BY: W. M. Kent

Elevation Survey

PCA JOB NO. 22443

	Shell	1'	2'	3'	4'	5'	10'	20'	Center
A	10.00	9.96	9.97	9.98	9.98	9.97	10.08	10.07	10.05
B	10.01	10.02	10.05	10.05	10.07	10.09	10.17	10.03	
C	10.00	9.95	9.97	9.97	9.99	10.10	10.17	10.03	
D	9.99	10.02	10.03	10.01	10.02	10.02	9.96	10.06	
E	9.99	10.01	10.06	10.08	10.06	10.04	10.13	10.10	
F	9.97	9.96	9.97	9.99	10.00	10.00	10.11	10.01	
G	9.99	9.97	9.95	9.96	9.97	9.99	10.07	10.01	
H	10.00	9.97	10.00	10.00	10.01	10.01	10.01	10.05	
A	10.00								

API 653 INSPECTION - DATA EVALUATION

GENERAL INFORMATION

Customer: **Bayside Fuel Oil Depot** Job No.: 22443 Date: 9/3/02

Tank No.: 4
Diameter: 45 feet
Height: 40 feet
Safe Fill: feet
Capacity: 11,451 bbl
Product: No. 2 Fuel Oil

Cathodic Protection?: y
Leak Detection?: n
Thick FilmCoating?: n
Thin Film Coating?: n

Erected: 1/1/72
Date Last- Inspected:
Cleaned:
Painted:
Lined:
Strapped:

	Quantities:
Floor plts:	21
Roof plts:	22
Shell crs:	5
Plts/Crs:	5

1st Crse Avg Shell Thickness (in)	
1st	0.256
2nd	0.252
Min Thick	0.248
4th	0.256
5th	0.260

	PlateThickness (in)					
	Original	General	Delta	Minimum	Material	Riveted?
Floor Plates:	0.272	0.253	0.019	0.220	Unknown	
Sketch Plates:			0.000		Unknown	
Annular Plates:			0.000			
Shell - 1st course:	0.274	0.257	0.017	0.248	Unknown	
2nd course:	0.208	0.206	0.002	0.204	Unknown	
3rd course:	0.210	0.203	0.007	0.196	Unknown	
4th course:	0.208	0.205	0.003	0.200	Unknown	
5th course:	0.196	0.195	0.001	0.192	Unknown	
6th course:			0.000			
7th course:			0.000			
8th course:			0.000			
Roof:	0.200	0.193	0.007	0.184	Unknown	

	Pitting Depth (in)			
	Max Int.	Avg Int.	Max Ext.	Avg Ext.
Floor Plates:	0.250	0.160	0.020	0.010
Shell - 1st course:	0.006	0.004	0.008	0.006
Roof:	0.008	0.005	0.007	0.005

Containment Area:

Steel? y
Diameter 60 feet
Height 22 feet

Containme 11,197 bbl
110% Cap 12,596

Earthen? n
Length feet
Width feet
Height feet
Containment bbl
110% Cap

Note: There is Insufficent Containi
if tank is filled to capacity

Calculated Safe Fill (based on capacity of containment) = 35.56 feet
Therefore, containment is sufficient if current Safe Fill is maintained

COMMENTS: Isolated paint failure on roof. Complete penetration observed on interior roof plates.

BOTTOM PLATE TOPOGRAPHY

Tank:	4	No of Sections:	8	Elevation @ Center of Tank:	10.05 ft	Allowable Roll-Off
Diameter:	45	Max Chord Length:	17.66 ft	Average Pitch:	-0.03 in/ft	in 1' 0.34 in
				Overall Differential Settlement	0.48 in	in 2' 0.71 in
						in 3' 1.08 in

	AXIS 1		AXIS 2		AXIS 3		AXIS 4		AXIS 5		AXIS 6	
Spacing	Field Data	Roll-Off	Field Data	Roll-Off	Field Data	Roll-Off	Field Data	Roll-Off	Field Data	Roll-Off	Field Data	Roll-Off
Shell	10.00		10.01		10.00		9.99		9.99		9.97	
1'	9.96	0.48	10.02	0.12	9.95	0.60	10.02	0.36	10.01	0.24	9.96	0.12
2'	9.97	0.36	10.05	0.48	9.97	0.36	10.03	0.48	10.06	0.84	9.97	0.00
3'	9.98	0.24	10.05	0.48	9.97	0.36	10.01	0.24	10.08	1.08	9.99	0.24
5'	9.97		10.09		10.10		10.02		10.04		10.00	
10'	10.08		10.17		10.17		9.96		10.13		10.11	
20'	10.07		10.03		10.03		10.06		10.10		10.01	
30'												
40'												
50'												
60'												
70'												
80'												
90'												
Settlement	0		-0.01		0.00		0.01		0.01		0.03	

	AXIS 7		AXIS 8		AXIS 9		AXIS 10		AXIS 11		AXIS 12	
Spacing	Field Data	Roll-Off	Field Data	Roll-Off	Field Data	Roll-Off	Field Data	Roll-Off	Field Data	Roll-Off	Field Data	Roll-Off
Shell	9.99		10.00									
1'	9.97	0.24	9.97	0.36		0.00		0.00		0.00		0.00
2'	9.95	0.48	10.00	0.00		0.00		0.00		0.00		0.00
3'	9.96	0.36	10.00	0.00		0.00		0.00		0.00		0.00
5'	9.99		10.01									
10'	10.07		10.01									
20'	10.01		10.05									
30'												
40'												
50'												
60'												
70'												
80'												
90'												
Settlement	0.01		0.00									

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TANK SHELL EVALUATION API 653 SECTION 2.3

Tank: 4 Date: 9/3/02

Diameter: 45 feet
Height: 40 feet
t_1(avg.): 0.254 inches
t_2: 0.248 inches

Field data: 0.256, 0.252, 0.248, 0.256, 0.260
t_1= 0.254

Thickness Determination:

$L=3.7(D*t_2)^{1/2}$

Where: L= the maximum vertical length, in inches, over which hoop streees are assumed to "average out" around local discontinuities
D= tank diameter, in feet
t_2= the least thickness, in inches, in area of corrosion, exclusive of pits

L= 12.36044 inches

Minimum Thickness Calculation for Welded Tank Shell:

Course No. 1

$t_{min}= 2.6DHG/SE$ = **0.195 inches**

Where: t_{min}= the minimum acceptable thickness, in inches, as calculated from the above formula; however, t_{min} shall not be less than 0.1 inch for tank course
D= nominal diameter of tank, in feet
H= Height, in feet, from the bottom of length *L* for the most severely corroded area in each shell course to the maximum design liquid level
G= highest specific gravity of the contents (including water, if hydtsted)
S= maximum allowable stress in psi; use the smaller of 0.80Y or 0.426T for bottom and second course; use the smaller of 0.88Y or 0.472T for all other courses
Y= specified minimum yield strength of the plate; 30,000 psi if unknown
T= the smaller of the specified minimum tensile strength of the plate or 80,000 psi; use 55,000 psi if unknown
E= original joint efficiency for the tank. use E=0.7 if unknown, E=1.0 when evaluating the retirement thickness in a corroded plate, when away from welds or joints by at least the greater of 1 inch or twice the plate thickness
NOTE: For riveted tanks see section 653.2.3.4; see section 653.2.3.3 for complete explanation

D = 45 feet
H = 40 feet
G = 1.0
S = 23,430 psi
Y = 30,000 psi
T = 55,000 psi
E = 1.0

Then, per API653 section 2.3.3.1: If:

a: t_1 >= t_{min}
0.254 >= **0.195**

and

b: t_2 >= 60% t_{min}
0.248 >= **0.117**

THEREFORE, NO ACTION IS REQUIRED

Maximum Safe Fill Height = **50.66** feet
(t_2SE/2.6DG) +1

Tank can be filled to capacity
Provided Containment Capacity is Sufficient

PCA ENGINEERING, INC.

Courses

Tank: 4 Date: **9/3/02**

Diameter:	45	Yield:	23,430
Height:	40	Joint Efficiency:	1.0
Number of Courses:	5	Specific Gravity:	1.00

MINIMUM THICKNESS per each SHELL COURSE

	Height (TOC)	Minimum Thickness	
Course 1	8	0.195	**OK**
Course 2	16	0.155	**OK**
Course 3	24	0.115	**OK**
Course 4	32	0.075	**OK**
Course 5	40	0.035	**OK**

TANK BOTTOM EVALUATION - API 653 SECTION 2.4

Tank: 4 Date: 9/3/02

Minimum Thickness for Tank Bottom Plate (API 2.4.7):

$$MRT = (\text{minimum of } RT_{bc} \text{ or } RT_{ip}) - O_r(StP_r + UP_r)$$

Where:

MRT = minimum remaining thickness at the end of interval O_r
This value must meet the requirments of Table 4-1
and sections 2.4.7.4 and 2.4.8

O_r = in-service interval (years to next inspection) not to exceed that allowed by 4.2.2 (normally 10 years)

RT_{bc} = minimum remaining thickness from bottom side corrosion, after repairs

RT_{ip} = minimum remaining thickness from internal corrosion after repairs

StP_r = maximum internal pitting rate, in inches per year; StP_r = 0 if tank bottom is internally lined.

UP_r = maximum underside pitting rate, in inches per year; UP_r = 0 if tank bottom is cathodically protected.

T_o	=	0.272 inch	RT_{bc}	=	0.252	UP_r	= 0.000 in/yr
UP_m	=	0.020 inch	RT_{ip}	=	0.022	StP_r	= 0.0082 in/yr
StP_m	=	0.250 inch	O_r	=	10.0 years		

Solve for: MRT = -0.060 inch

Or = -9.6 years where MRT = 0.100

NOTE: see API 653 table 4-1

Then if:

MRT > 0.100

THEREFORE, REPAIRS ARE REQUIRED

TANK SETTLMENT EVALUATION - API 653 APPENDIX B

Tank: 4 Date: 9/3/02

Diameter: 45 feet
Sections: 8

Arc (L): 17.67 feet
Yield(Y): 30000 psi
(E): 29000000 psi
Height(H): 40 feet

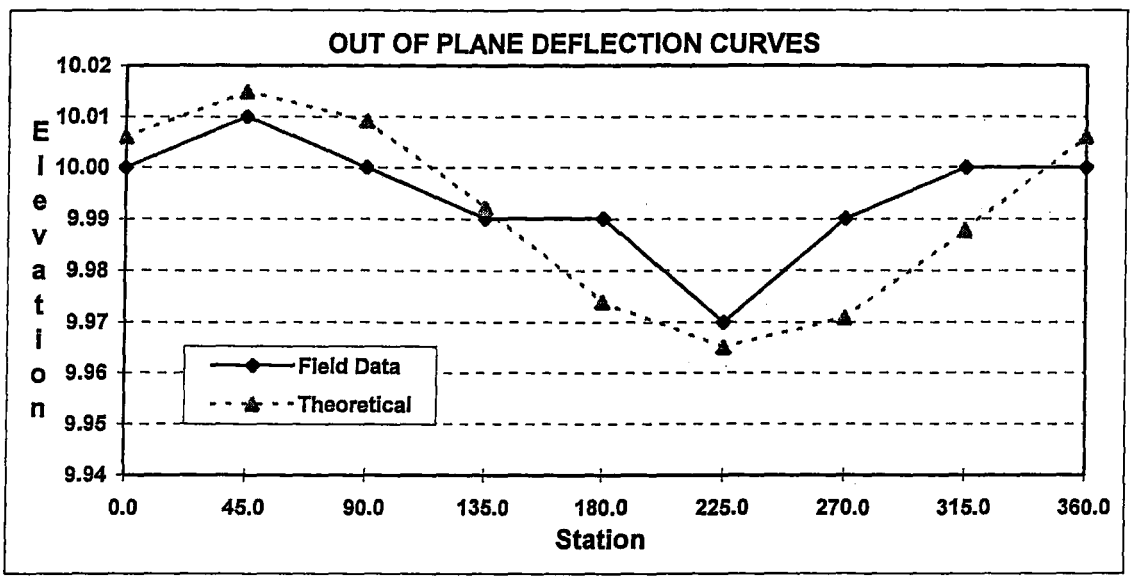
Maximum Permissible Out-of-Plane Deflection:

$S<=(L^2*Y*11)/(2(E*H)$

Where: S= deflection, in feet (out-of-plane distortion)
L= arc length, between measurement pts, in feet
Y= yield strength, in psi
E= Young's modulus, in psi
H= tank height, in feet

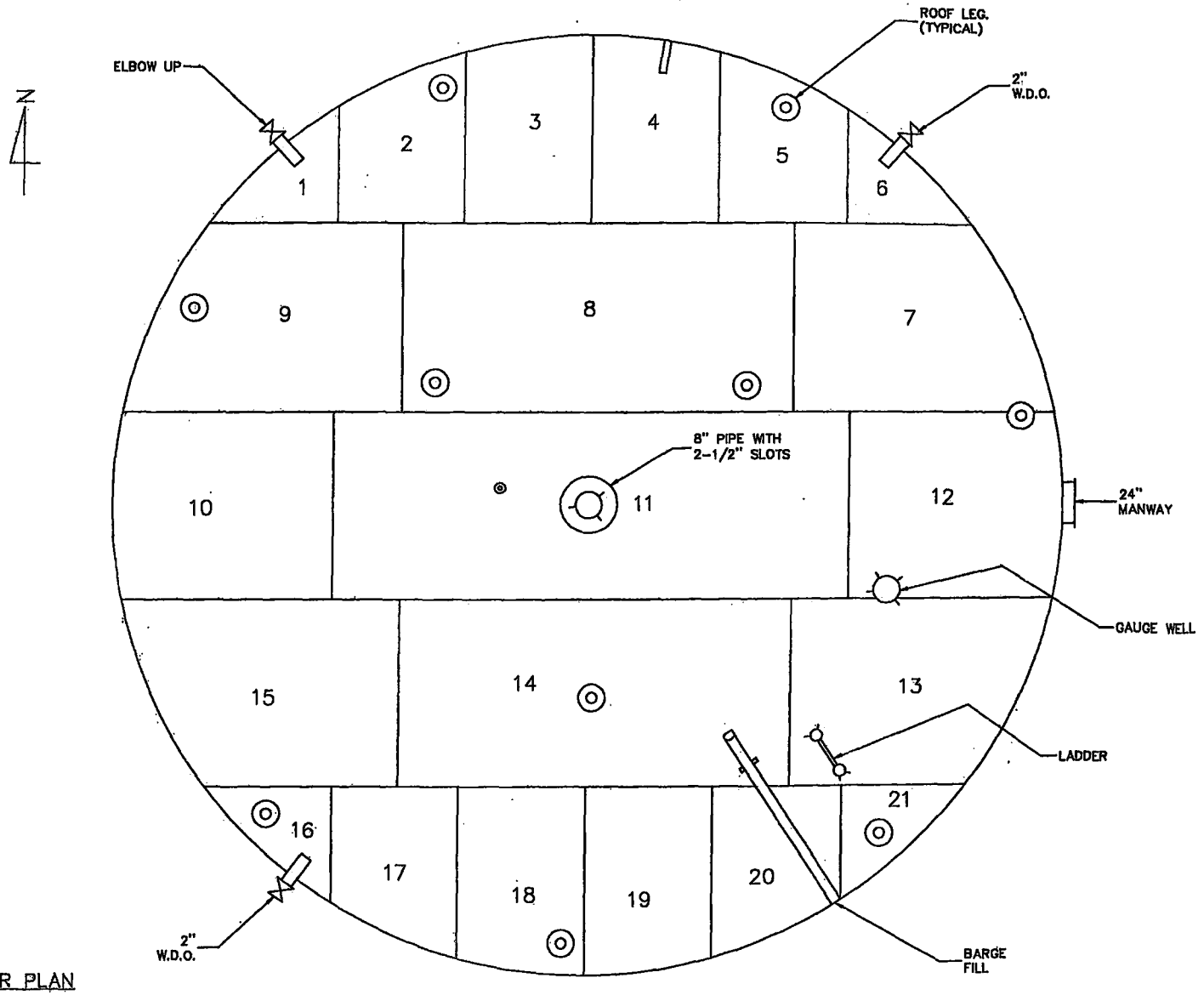
S<= 0.044419 feet

Degrees	Station	Field Data	Theoretical	Delta(U_i)	Deflection(S_i)
0.0	0.0	10.00	10.006	-0.006	-0.0097
45.0	17.7	10.01	10.015	-0.005	0.0027
90.0	35.3	10.00	10.009	-0.009	-0.0056
135.0	53.0	9.99	9.992	-0.002	-0.0056
180.0	70.7	9.99	9.974	0.016	0.0147
225.0	88.4	9.97	9.965	0.005	-0.0127
270.0	106.0	9.99	9.971	0.019	0.0106
315.0	123.7	10.00	9.988	0.012	0.0056
360.0	141.4	10.00	10.006	-0.006	-0.0097



THEN, SINCE THE MAXIMUM Si <= S NO ACTION IS REQUIRED

PCA ENGINEERING, INC.



FLOOR PLAN

GENERAL NOTES:

TANK No. 4

45 DIA. X 40' H.

LEGEND

1 – FLOOR PLATE No.

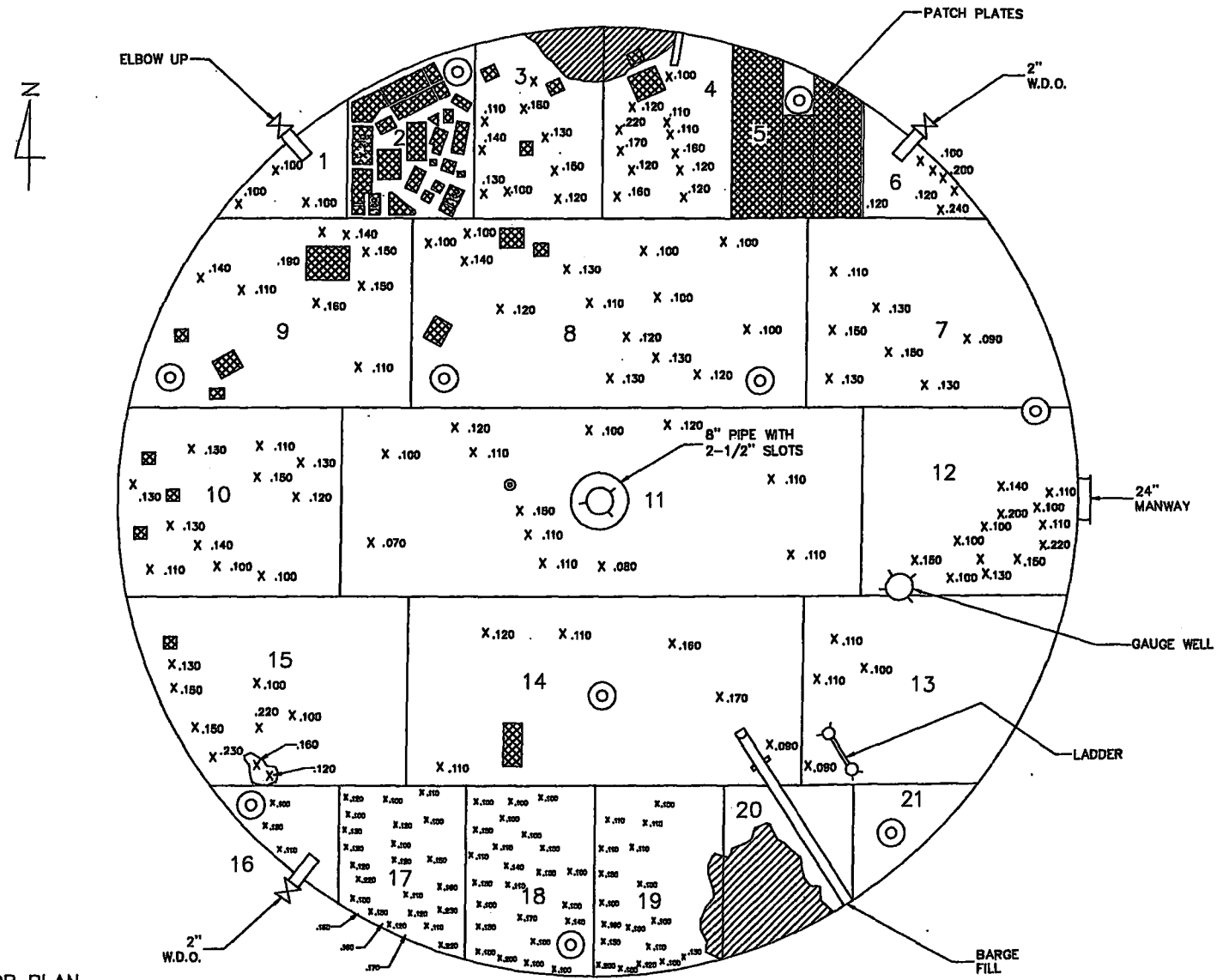
PCA ENGINEERING, INC.
430 Montclair Ave. Pompton Lakes, NJ.
TEL. (973) 616-4501

BAYSIDE FUEL OIL
1776 SHORE PARKWAY
BROOKLYN, NY

PROJECT LOCATION:
BAYSIDE FUEL OIL
SMITH STREET (FORMER CITGO)
BROOKLYN, NY

DRAWING TITLE:
ULTRASONIC THICKNESS SURVEY FOR TANK No. 4

CHECKED BY: WJL	DRAWN BY: A.U.Z.
SCALE: N.T.S.	DATE: 9-5-02
DRAWING No.: BW-22443-01	REV. 0



FLOOR PLAN

GENERAL NOTES:

TANK No. 4

45 DIA. X 40' H.

LEGEND

1 – FLOOR PLATE No.

X.150 – PIT LOCATIONS

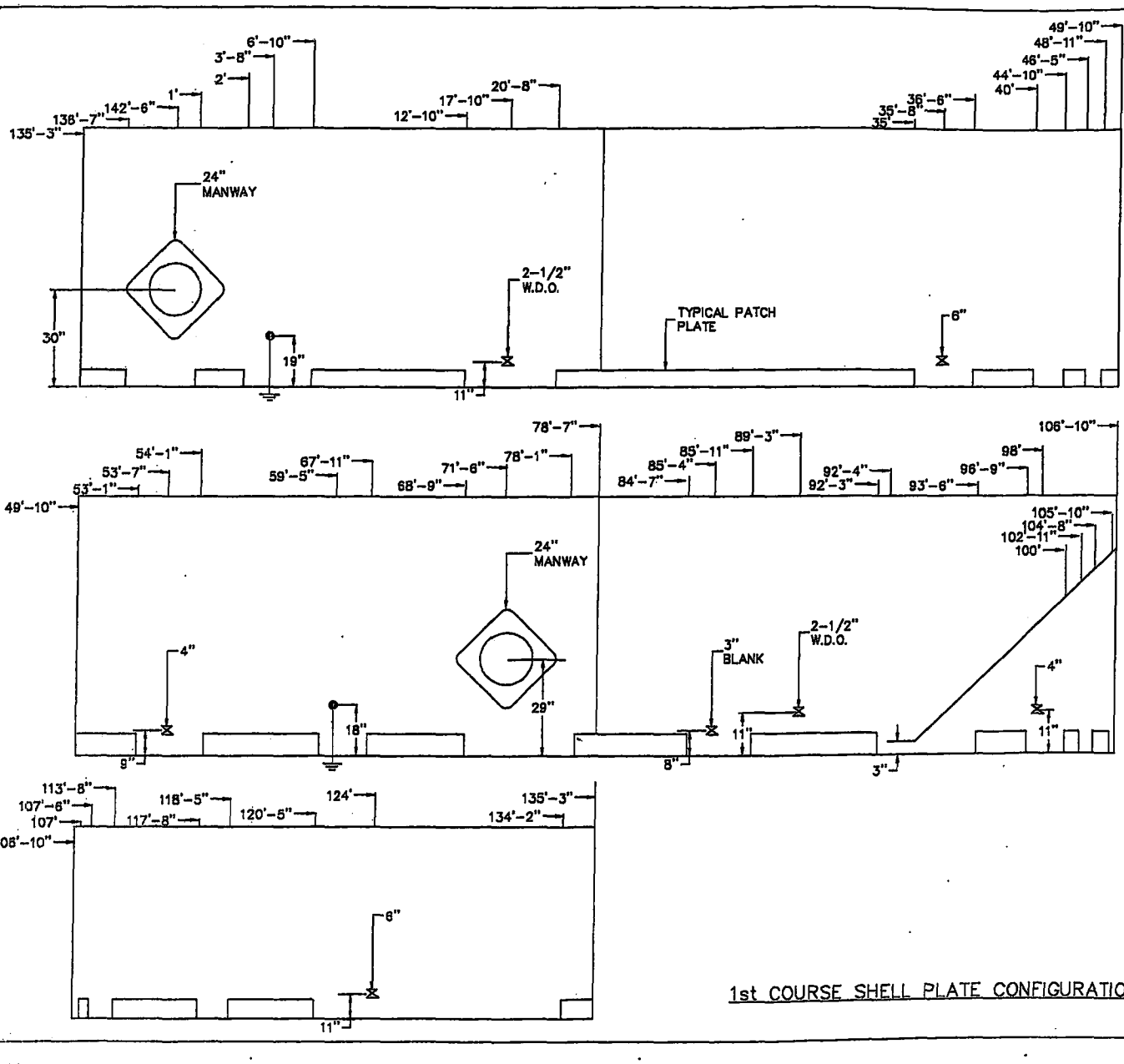
PCA ENGINEERING, INC.
430 Montclair Ave, Pompton Lakes, NJ.
TEL. (973) 616-4501

BAYSIDE FUEL OIL
1776 SHORE PARKWAY
BROOKLYN, NY

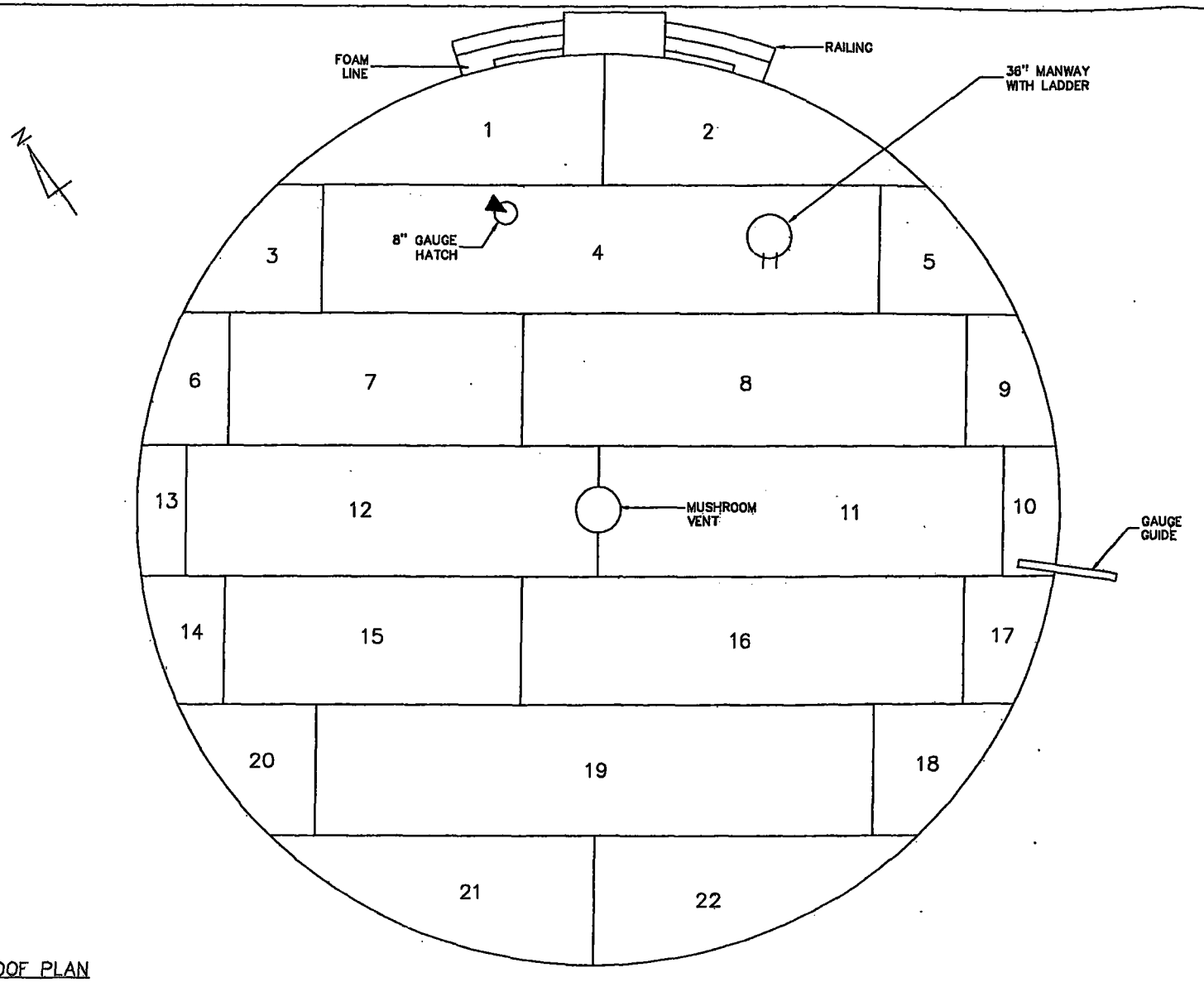
PROJECT LOCATION:
BAYSIDE FUEL OIL
SMITH STREET (FORMER CITGO)
BROOKLYN, NY

DRAWING TITLE:
ULTRASONIC THICKNESS SURVEY FOR TANK No. 4

CHECKED BY:	LJC	DRAWN BY:	A.U.Z.
SCALE:	N.T.S.	DATE:	9-5-02
DRAWING No.:	BW-22443-02	REV.	0



1st COURSE SHELL PLATE CONFIGURATION



ROOF PLAN

GENERAL NOTES:

TANK No. 4
45 DIA. X 40' H.

LEGEND

1 – ROOF PLATE No.

PCA ENGINEERING, INC.
430 Montclair Ave. Pompton Lakes, NJ.
TEL. (973) 616-4501

BAYSIDE FUEL OIL
1776 SHORE PARKWAY
BROOKLYN, NY

PROJECT LOCATION:
BAYSIDE FUEL OIL
SMITH STREET (FORMER CITGO)
BROOKLYN, NY

DRAWING TITLE:
ULTRASONIC THICKNESS SURVEY FOR TANK No. 4

CHECKED BY: WIL	DRAWN BY: A.U.Z.
SCALE: N.T.S.	DATE: 9-5-02
DRAWING No.: BW-22443-04	REV. 0

V. API 653 CHECKLIST

API 653

TANK OUT-OF-SERVICE INSPECTION CHECKLIST

OVERVIEW

OK	Check that tank has been cleaned, is gas free, and safe for entry
OK	Check that the tank is completely isolated from product lines, all electrical power, and steam lines
OK	Check that roof is adequately supported, including fixed roof structure and floating roof legs
OK	Check for presence of falling object hazards, such as corroded-through roof rafters, asphalt stalactites, and trapped hydrocarbons in unopened or plugged equipment or appurtenances, ledges, etc.
OK	Inspect for slipping hazards on the bottom and roof decks
OK	Inspect structural welds on accessways and clips
OK	Check surfaces needing inspection for a heavy-scale buildup and check weld seams and oily surfaces where welding is to be done. Note areas needing more cleaning, including blasting

Remarks: _____

_____

TANK EXTERIOR

OK	Inspect appurtenances opened during cleaning such as lower floating swing sheave assemblies, nozzle interiors (after removal of valves)
OK	Hammer test or ultrasonically test the roof
N/A	Enter and inspect the floating roof pontoon compartments

Remarks: _____

_____

BOTTOM INTERIOR SURFACE

OK	Using a flashlight held close to and parallel to the bottom plates, and using the bottom plate layout as a guide, visually inspect and hammer test the entire bottom
OK	Measure the depth of pitting and describe the pitting appearance (sharp edged, lake type, dense, scattered, etc.)
OK	Mark areas requiring patching or further inspection
OK	Mark locations for turning coupons for inspection
OK	Inspect all welds for corrosion and leaks, particularly the shell-to-bottom weld
OK	Inspect sketch plates for corrosion
N/A	Locate and mark voids under the bottom
OK	Record bottom data on a layout sketch using the existing bottom plates as a grid. List the number and sizes of patches required
N/A	Vacuum test the bottom lap welds

OK	Hammer test or ultrasonically examine any slightly discolored spots or damp areas
OK*	Check for reinforcing pads under all bottom attached clips, brackets and supports
OK	Inspect floating roof leg pads for pitting or cutting, and excessive dimpling (indicating excessive loading)
OK	Check the column bases of fixed roof supports for adequate pads and restraining clips
N/A	In earthquake zones 3 and 4, check that roof supports are not welded down to the tank, but are only restrained from horizontal movement
OK	Check area beneath swing line cable for indications of cable cutting or dragging
OK	Mark old oil and air test connection for removal and patching
OK	Identify and report low areas on the bottom that do not drain adequately
N/A	Inspect coating for holes, disbonding, deterioration, and discoloration

Remarks: *no seal welded reinforcing pad provided under the gauge well, internal roof ladder and inlet nozzle.

SHELL SEAMS AND PLATES

OK	On cone up bottoms, closely inspect and gauge the depth of metal loss on the lower 2 to 4 inches of the shell (area of standing water)
OK	Measure the depth of pitting on each course
OK	Inspect and estimate the amount of metal loss on the heads of rivets and bolts
OK	Inspect shell-to-bottom riveted lap joints
OK	Inspect for vertical grooving damage from seal assembly protrusions
N/A	Inspect existing protective coatings for damage, deterioration, and disbonding
OK	Check for areas of rubbing (indicating too much pressure by the seal assembly shoes or inadequate annular space)
OK	Visually inspect the shell plates and seams for indications of leakage
N/A	If the shell has riveted or bolted seams, record the leak locations by film or chart in case the locations are lost during surface preparation for painting
OK	Measure annular space at 40-foot intervals 6¼" 6" 5-7/8" ____ ____ ____
OK	Survey the shell to check for roundness and plumb

Remarks:

SHELL-MOUNTED OVERFLOWS

OK Inspect overflow for corrosion and adequate screening
OK Check location of overflow that it is not above any tank valves or equipment

Remarks: _____

ROOF INTERIOR SURFACE

General

OK Visually inspect the underside surface of the roof plates for holes, scale buildup, and pitting
OK Hammer test or ultrasonically examine to check for thin areas, particularly in the vapor space of floating roofs and at edge of roof on cone roof tank
OK Check all clips, brackets, braces, etc., welded to the roof deck plate for welded reinforcing pads and see that they have not broken free
OK If no pad is present, penetrant test for cracking of the weld or deck plate
OK Inspect the protective coating for breaks, disbondment, and deterioration

Remarks: _____

Fixed Roof Support Structure

OK Inspect the support columns for thinning in the upper two feet
N/A On API columns (two channels welded together) check for corrosion scale breaking the tack welds, unless the joint between the channels is completely seal welded
OK Check that the reinforcing pad on the bottom is seal welded to the tank bottom with horizontal movement restraining clips welded to the pad
OK Determine if pipe column supports are concrete filled or open pipe. If open pipe, check for a drain opening in the bottom of the pipe
OK Inspect and gauge rafters for thinning, particularly near the center of the roof. Report metal loss
OK Check for loose or twisted rafters
OK Inspect girders for thinning and check that they are attached securely to the top of the columns
OK Report if the columns have cross bracing in the area between the low pump out and top of the shell (for future internal floating roof installation)
OK Inspect and report presence of any roof-mounted swing line bumpers
OK Photograph the roof structure if no rafter layout drawing exists

Remarks:

FIXED ROOF APPURTENANCES

Inspection and Light Hatches

OK	Inspect the hatches for corrosion, paint and coating failures, holes, and cover sealing
OK	On loose covers, check for a safety chain in good condition
N/A	On light hatches over 30 inches across, check for safety rods
N/A	Inspect the condition of the gaskets on bolted or latched down hatch covers

Remarks:

Staging Support Connection

N/A	Inspect the condition of the staging support for corrosion

Remarks:

Breathers and Vents

N/A	Inspect and service the breather
OK	Inspect screens on vents and breathers

Remarks:

Emergency P/V Hatches

N/A	Inspect and service pressure/vacuum hatches (setting should be high enough to prevent chattering of breather during normal operation. See breather manufacturer's guide
N/A	Inspect liquid seal hatches for corrosion and proper liquid level in the sea

Remarks:

Sample Hatch

OK	Inspect sample hatch for corrosion
OK	Check that the cover operates properly
OK	If the tank has no gaugewell, check for a hold off distance marker and check measurement

Remarks: _____

FLOATING ROOF

Roof Deck

N/A Hammer test the area between roof rim and shell. (If access for hammer testing is inadequate, measure the distance from the bottom edge of the roof to the corroded area and then hammer test from inside the pontoon)

N/A In sour water service, clean and test all deck plate weld seams for cracking unless the lower laps have been seal welded

N/A Check that either the roof drain is open or the drain plug in the roof is open in case of unexpected rain

OK On flat bottomed and cone down bottom roof decks, check for a vapor dam around the periphery of the roof. The dam should be continuous without break to prevent escape of vapors to the seal area from under the center of the roof

Remarks: _____

Floating Roof Pontoons

N/A Visually inspect each pontoon for liquid leakage

N/A Run a light wire through the gooseneck vents on locked down inspection hatch covers to make sure they are open

N/A Inspect lockdown latches on each cover

Check and report if each pontoon is:

_____ Vapor tight (bulkhead seal welded on one side on bottom, sides and top

_____ Liquid tight (seal welded on bottom and sides only) or

_____ Unacceptable (minimum acceptable condition is liquid tight)

Remarks: _____

Floating Roof Cutouts

OK Inspect underside of cutouts for mechanical damage

OK Inspect welds for cracks

OK Inspect plate for thinning, pitting, and erosion

N/A Measure mixer cutouts and record plate thickness for future mixer installation or replacement

Plate thickness: _____

Remarks: _____

Floating Roof Supports

OK	Inspect fixed low and removable high floating roof legs for thinning
OK	Inspect for notching at bottom of legs for drainage
OK	Inspect for leg buckling or bellying at bottom
OK	Inspect pin hole in roof guide for tears
OK	Check plumb of all legs
OK	Inspect for adequate reinforcing gussets on all legs through a single portion of the roof
OK	Inspect the area around the roof legs for cracking if there is no internal reinforcing pad or if the topside pad is not welded to the deck plate on the underside
OK	Inspect the sealing system on the two-position legs and the vapor plugs in the fixed low leg for deterioration of the gaskets
OK	On the shell mounted roof supports, check for adequate clearance based on the maximum floating roof movement as determined by the position of the roof relative to the gaugewell and/or counter rotational device

Remarks:

FLOATING ROOF SEAL ASSEMBLIES

Primary Shoe Assembly

N/A	Remove four sections of foam log (foam filled seals) for inspection, on 90° locations
OK	Inspect hanger attachment to roof rim for thinning, bending, broken welds, and wear of pin holes
N/A	Inspect clips welded to roof rim for thinning
N/A	Shoes: Inspect for thinning and holes in shoes
OK	Inspect for bimetal bolts, clips, and attachments
OK	Seal fabric: Inspect for deterioration, stiffening, holes, and tears in fabric
OK	Measure length of fabric from top of shore to roof rim, and check against maximum anticipated annular space as roof operated
OK	Inspect any modification of shoes over shell nozzles, mixers, etc., for clearance
OK	Inspect shoes for damage caused by striking shell nozzles, mixers, etc.

Remarks:

Primary Toroidal Assembly

OK	Inspect seal fabric for wear, deterioration, holes, and tears
OK	Inspect hold down system for buckling or bending
N/A	Inspect foam for liquid absorption and deterioration

Remarks:

Rim Mounted Secondaries

OK	Inspect the rim-mounted bolting bar for corrosion and broken welds
N/A	Measure and chart seal-to-shell gaps
OK	Visually inspect seal from below, looking for holes as evident by light
OK*	Inspect fabric for deterioration and stiffness
OK	Inspect for mechanical damage, corrosion, and wear on tip in contact with shell
OK	Inspect for contact with obstructions above top of shell

Remarks: *rigidity of the leg seal is compromised; some sag is evident.

FLOATING ROOF APPURTENANCES

Roof Manways

OK	Inspect walls of manways for pitting and thinning
OK	On tanks with interface autogauges, check seal around gauge tape cable and guide wires through manway cover
OK	Inspect cover gasket and bolts

Remarks:

Rim Vent

N/A	Check rim vent for pitting and holes
N/A	Check vent for condition of screen
N/A	On floating roof tanks where the environmental rules require closing off the vent, check the vent piping for corrosion at the pipe-to-rim joint and check that the blinding is adequate

Remarks:

Vacuum Breaker, Breather Type

N/A	Service and check operation of breather valve
N/A	Check that nozzle pipe projects no more than 1/2 inch below roof deck
N/A	Inspect reinforcing pad and pad weld

Remarks:

Vacuum Breaker, Mechanical Type

OK	Inspect the stem for thinning. Measure how far the vacuum breaker cover is raised off the pipe when the roof is resting on high or low legs On high legs: _____ On low legs: _____

Remarks: _____

_____

Roof Drains: Open Systems, Including Emergency Drains

N/A Check liquid level inside open roof drains for adequate freeboard. Report if there is insufficient distance between liquid level and top of drain

N/A If tank comes under Air Quality Monitoring District rules, inspect the roof drain vapor plug

N/A If emergency drain is not at the center of the roof, check that there are at least three emergency drains

Remarks: _____

_____

Closed Drain Systems: Drain Basins

N/A Inspect for thinning and pitting

N/A Inspect protective coating (topside)

N/A Inspect basin cover or screen for corrosion

N/A Test operation of check valve

N/A Check for presence of check valve where bottom of basin is below product level

N/A Inspect drain basin(s) to roof deck welds for cracking

N/A Check drain basin(s) outlet pipe for adequate reinforcement to roof deck (including reinforcing pad)

Remarks: _____

_____

Closed Drain Systems: Fixed Drain Line on Tank Bottom

N/A Hammer test fixed drain line on tank bottom for thinning and scale/ debris plugging

N/A Inspect supports and reinforcing pads for weld failures and corrosion

N/A Check that pipe is guided, not rigidly locked to supports, to avoid tearing of tank bottom plate

Remarks: _____

_____

Closed Drain Systems: Flexible Pipe Drain

N/A Inspect for damage to exterior of pipe

N/A Check for obstructions that pipe could catch on

N/A Inspect shields to protect pipe from snagging

N/A Inspect results of hydrotest on flexible roof drain system

Remarks: _____

_____

Closed Drain Systems: Articulated Joint Drain

N/A	Hammer test rigid pipe in flexible joint system for thinning and scale debris plugging
N/A	Inspect system for signs of bending or strain
N/A	Inspect results of system hydrotest
N/A	Inspect landing leg and pad

Remarks:

Autogauge System and Alarms

OK	Check freedom of movement of tape through autogauge tape guide
OK	Inspect sheaves for freedom of movement
OK	Test operation checker
OK	Inspect tape and tape cable for twisting and fraying
OK	Test the tape's freedom of movement through guide sheaves and tape guide pipe
N/A	On open-top tanks, check that gate tapes with cables have no more than one foot of tape exposed with float at lowest point
N/A	Check float for leakage
OK	Test float guide wire anchors for spring action by pulling on wire and releasing
OK	Inspect floatwells in floating roofs for thinning and pitting of walls just above the liquid level
N/A	Check that the autogauge tape is firmly attached to the float
OK	Inspect the tape cable and float guide wire fabric seals through the floatwell cover
OK	Inspect the bottom guide wire attachment clip; inspect for a temporary weighted bar instead of a permanent welded down clip
N/A	Inspect board-type autogauges indicators for legibility and freedom of movement of indicator
N/A	Measure and record these distances to determine if seal damage will occur if tape is run over:
	From shell top angle to underside of tape guide system
	From liquid level on floating top to top of secondary seal
OK*	Identify floating roofs where the tape is connected directly to the roof
OK	Overfill alarm: Inspect tank overfill prevention alarm switches for proper operation

Remarks: *tape cable is directly attached to the floating roof; no gauge float is provided.

COMMON TANK APPURTENANCES

Gauge Well

OK	Inspect gauge well pipe for thinning at about two-thirds distance
OK	above the bottom: look for thinning at the edge of the slots
N/A	Check for corrosion on the pipe joint. Check that sample cords, weights, thermometers, etc., have been removed from pipe
OK	Check for cone at bottom end of pipe about one foot above the bottom

OK	Check condition of well washer pipe and that its flared end is directed at the near side of the hold-off pad
OK	Check that the supports for the gaugewell are welded to pad or to shell and not directly to bottom plate
OK	Check operation of gaugewell cover
OK	Check presence of a hold-off distance marker in well pipe and record hold-off distance
	Hold-Off Distance
*	Identify and report size and pipe schedule, and whether pipe is solid or slotted. Report slot size
N/A	Check that the hold-off distance plate is seal welded to the bottom and that any gaugewell supports are welded to the plate and not directly to the bottom
N/A	Inspect vapor control float and cable
N/A	Check for presence and condition of gaugewell washer
N/A	Check for bull plug or plate blind on gaugewell washer valve
N/A	Inspect gaugewell guide in floating roof for pitting and thinning
N/A	Inspect the guide rollers and sliding plates for freedom of movement
N/A	Inspect condition of gaugewell pipe seal system
N/A	On black oil and diesel services: if gaugewell is also used for sampling, check for presence of a thief- and gauge-type hatch to avoid spillage
OK	Visually inspect inside of pipe for pipe weld protrusions which could catch or damage vapor control float

Remarks: *8-inch diameter gauge well; 2" x 9½" slots

Sampling Systems: Roof Sample Hatches

OK	Inspect roof mounted sample hatches for reinforcing pads and cracking
OK	Inspect cover for operation
N/A	For tanks complying with Air Quality Monitoring District rules, inspect sample hatch covers for adequate sealing
OK	Check horizontal alignment of internal floating roof sample hatches under fixed roof hatches
OK	Inspect the sealing system on the internal floating roof sample hatch cover
N/A	Inspect floating roof sample hatch cover recoil reel and rope

Remarks:

Shell Nozzles

OK	Inspect shell nozzles for thinning and pitting
OK	Inspect hot tap nozzles for trimming of holes
OK	Identify type of shell nozzles
OK	Identify and describe internal piping, including elbow up and elbow down types

Remarks:

For Nozzles Extended into the Tank

OK	Inspect pipe support pads welded to tank bottom
OK	Inspect to see that pipe is free to move along support without strain or tearing action on bottom plate
OK	Inspect nozzle valves for packing leaks and damaged flange faces
N/A	Inspect heater steam nozzle flanges and valves for wire cutting
N/A	Report which nozzles have thermal pressure relief bosses and valves
N/A	In internal elbow-down fill line nozzles, inspect the wear plate on the tank bottom
N/A	On elbow-up fill lines in floating roof tanks, check that opening is directed against underside of roof, not against vapor space. Inspect impact area for erosion

Remarks:

Diffusers and Air Rolling Systems

N/A	Inspect diffuser pipe for erosion and thinning
N/A	Check holes in diffuser for excessive wear and enlargement
N/A	Inspect diffuser supports for damage and corrosion
N/A	Check that diffuser supports restrain, not anchor, longitudinal line movement
N/A	Inspect air spiders on bottom of lube oil tanks for plugging and damaged or broken threaded joints

Remarks:

Swing Lines

N/A	Inspect flexible joint for cracks and leaks
N/A	Scribe the flexible joint across the two moving faces and rise end of swingline to check the joint's freedom of movement, indicated by separation of scribe marks
N/A	Check that flexible joints over six inches are supported
N/A	Inspect the swing pipe for deep pitting and weld corrosion
N/A	Loosen the vent plugs in the pontoons and listen for a vacuum. Lack of a vacuum indicates a leaking pontoon
N/A	Check the results of air test on pontoons during repairs
N/A	Inspect the pontoons for pitting
N/A	Inspect the pull-down cable connections to the swing
N/A	Inspect the condition of the bottom-mounted support, fixed roof limiting bumper, or shell mounted limiting bumper of wood condition, weld and bolt corrosion, and seal welding to bottom or shell
N/A	Inspect safety hold-down chain for corrosion and weak links
N/A	Check that there is a welded reinforcing pad where the chain connects to the bottom
N/A	If the floating swing in a floating or internal floating roof does not have a limiting device preventing the swing from exceeding 60 degrees, measure and calculate the maximum angle possible with the roof on overflow
_____	Maximum angle on overflow

(If the calculated angle exceeds 65 degrees, recommend installation of a limiting bracket)

N/A Inspect pull down cable for fraying

N/A Inspect for three cable clamps where cable attaches to end of swingline (single-reeved) or to roof assembly (double-reeved). Inspect sheaves for freedom of movement

N/A Inspect winch operation and check the height indicator for legibility and accuracy

N/A Inspect bottom-mounted sheave assembly at end of pontoon for freedom of rotation of sheave

N/A Inspect shell mounted lower sheave assembly for freedom of rotation of sheave, corrosion thinning, and pitting of sheave housing

N/A Inspect upper sheave assembly for freedom of movement of sheave

N/A Inspect the cable counterbalance assembly for corrosion and freedom of operation

Remarks:

Manway Heater Racks

N/A Inspect the manway heater racks for broken welds and bending of the sliding rails

N/A Measure and record the length of the heater and length of the track

Remarks:

Mixer Wear Plates and Deflector Stands

N/A Inspect bottom and shell plates and deflector stands

N/A Inspect for erosion and corrosion on the wear plates. Inspect for rigidity, structural soundness, corrosion, and erosion of deck plates and reinforcing pads that are seal welded to the bottom under the deflector stand legs

N/A Measure for propeller clearance between the bottom of deflector stand and roof when the roof is on low legs

Remarks:

ACCESS STRUCTURES

Handrails

OK Identify and report type (steel pipe, galvanized pipe, square tube, angle) and size of handrails

OK Inspect for pitting and holes, pain failure

OK Inspect attachment welds

OK Identify cold joints and sharp edges. Inspect the handrails and midrails

OK Inspect safety drop bar (or safety chain) for corrosion, functioning and length

N/A Inspect the handrail between the rolling ladder and the gauging platform for a hazardous opening when the floating roof is at its lowest level

Remarks: *steel angle, 2½" welded

Platform Frame

OK Inspect frame for corrosion and paint failure
OK Inspect the attachment of frame to supports and supports to tank; for corrosion and weld failure
OK Check reinforcing pads where supports are attached to shell or roof
OK Inspect the surface that deck plate or grating rests on, for thinning and holes
OK Check that flat-surface to flat-surface junctures are seal welded

Remarks:

Deck Plate and Grating

N/A Inspect deck plate for corrosion-caused thinning or holes (not drain holes) and paint failure
N/A Inspect plate-to-frame weld for rust scale buildup
N/A Inspect grating for corrosion-caused thinning of bars and failure of welds
N/A Check grating tie-down clips. Where grating has been retrofitted to replace plate, measure the rise of the step below and above the grating surface and compare with other risers on the stairway

Remarks:

Stairway Stringers

OK Inspect spiral stairway stringers for corrosion, paint failure, and weld failure. Inspect attachment of stairway treads to stringer
OK Inspect stairway supports to shell welds and reinforcing pads
OK Inspect steel support attachment to concrete base for corrosion

Remarks:

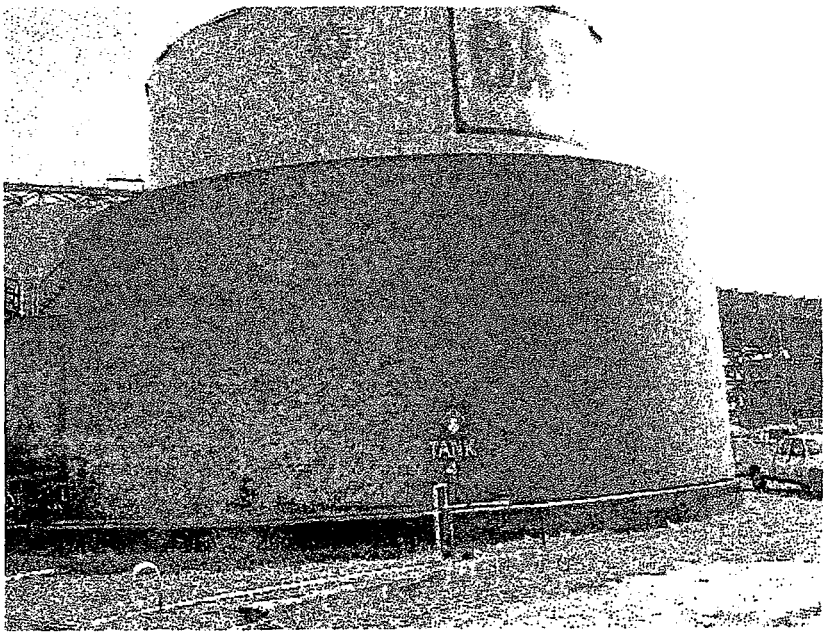
Rolling Ladder

N/A Inspect rolling ladder stringers for corrosion
N/A Identify and inspect ladder fixed rungs (square bar, round bar, angles) for weld attachment to stringers and corrosion, particularly where angle rungs are welded to stringers
N/A Check for wear and corrosion where rolling ladder attaches to gauging platform
N/A Inspect pivot bar for wear and secureness

N/A	Inspect operation of self-leveling stairway treads
N/A	Inspect for corrosion and wear on moving parts
N/A	Inspect rolling ladder wheels for freedom of movement, flat spots, and wear on axle
N/A	Inspect alignment of rolling ladder with roof rack
N/A	Inspect top surface of rolling ladder track for wear by wheels to assure at least 18 inches of unworn track (track long enough)
N/A	Inspect rolling ladder track welds for corrosion
N/A	Inspect track supports on roof for reinforcing pads seal welded to deck plate
N/A	Check, by dimensioning, the maximum angle of the rolling ladder when the roof is on low legs Maximum angle: _____
N/A	If rolling ladder track extends to within five feet of the edge of the roof on the far side, check for a handrail on the top of the shell on that side

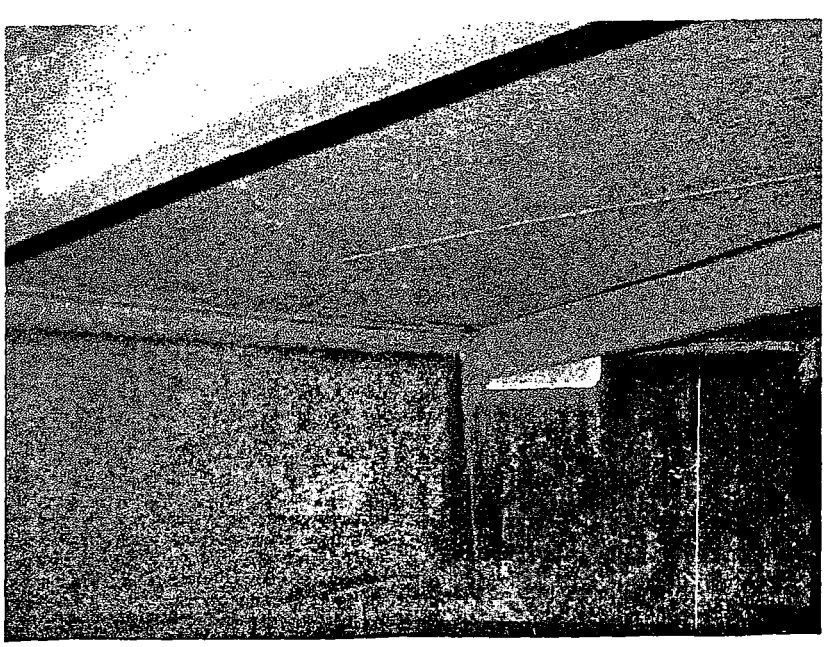
Remarks:

VI. PHOTOGRAPHS

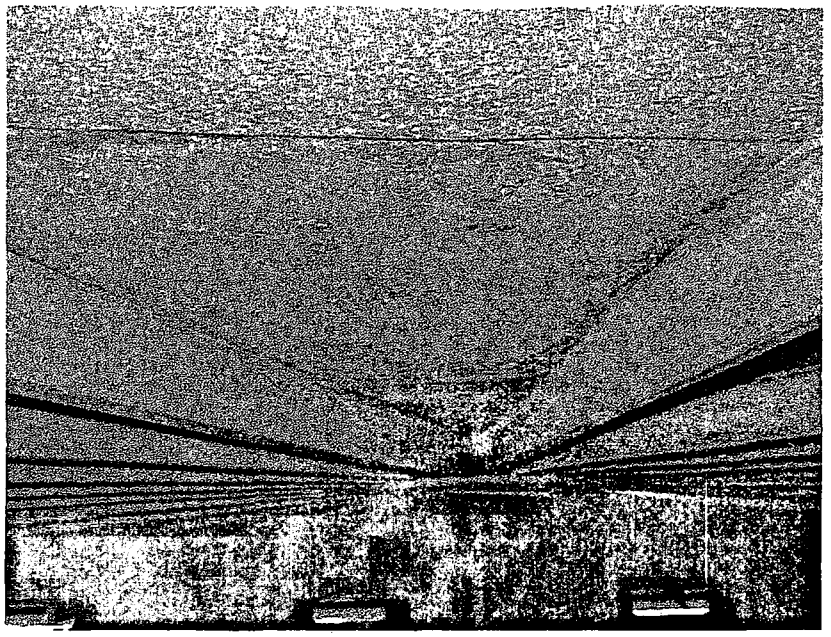


P9030009.JPG
9/3/02
Tank No. 4 - overview

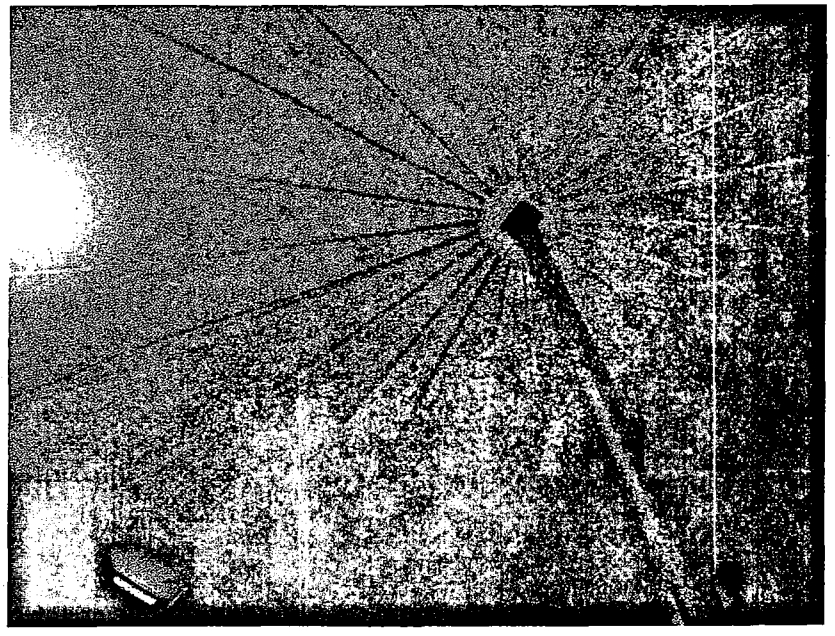
P9030004.JPG
9/3/02
Roof overview



P9030006.JPG
9/3/02
Upper shell / roof joint



P8140028.JPG
8/14/02
Underside of roof



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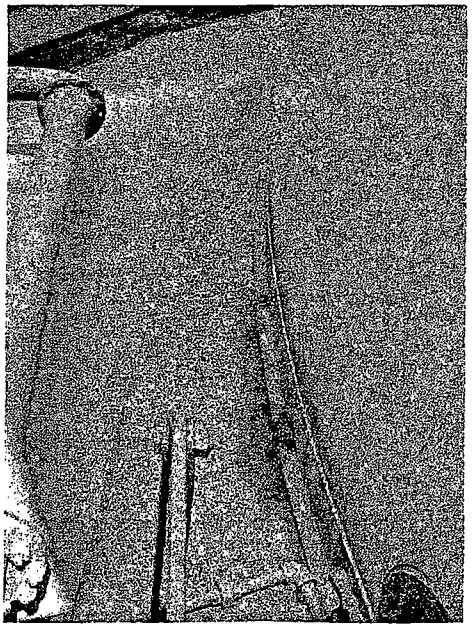
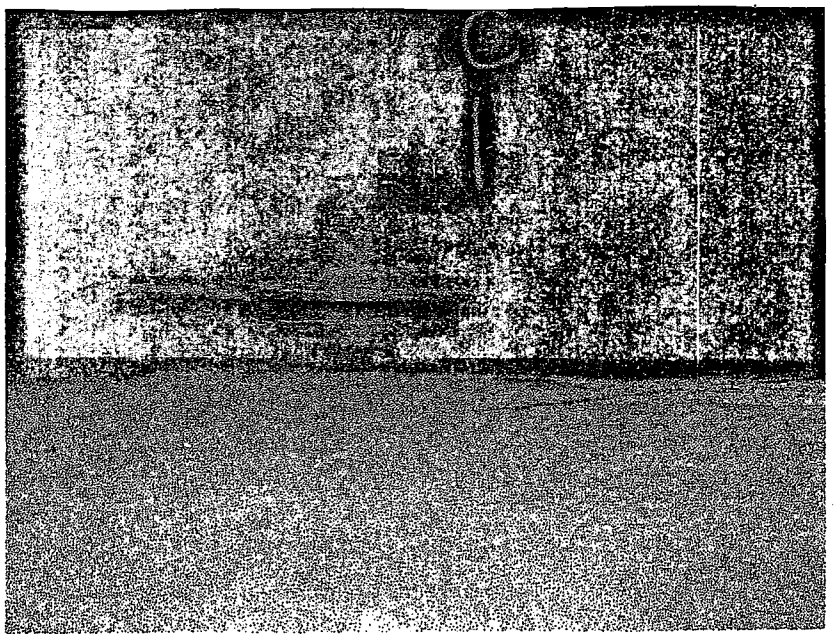
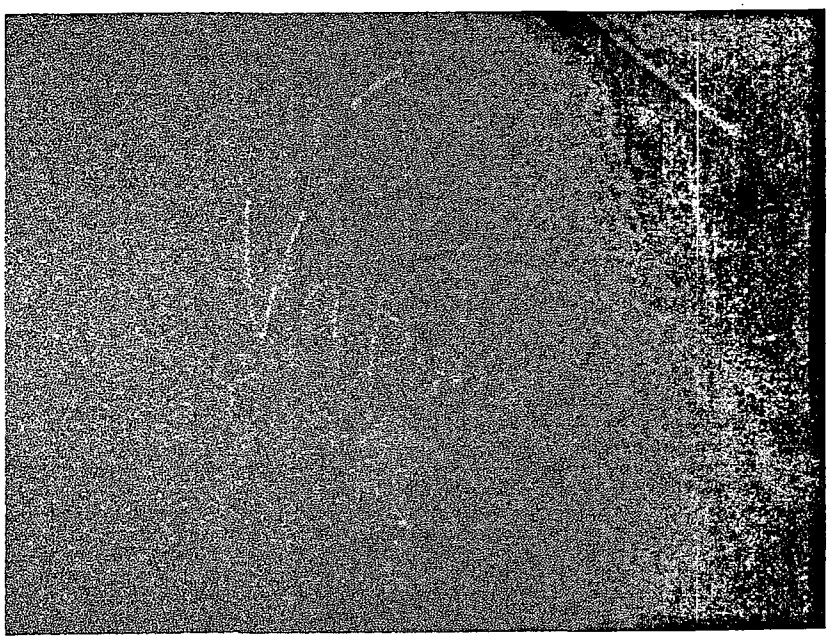
9/3/02
Underside of roof



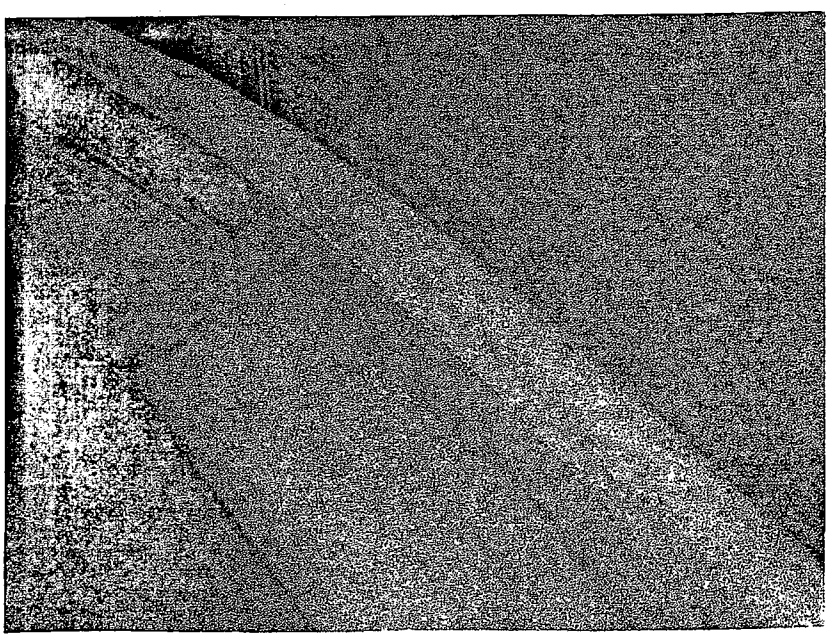
P8140012.JPG
8/14/02
Minor paint loss / scaling of bottom angle area



P8140052.JPG
8/14/02
Fuel leakage from vapor seal



P9030042.JPG
9/3/02
Leak in vapor seal



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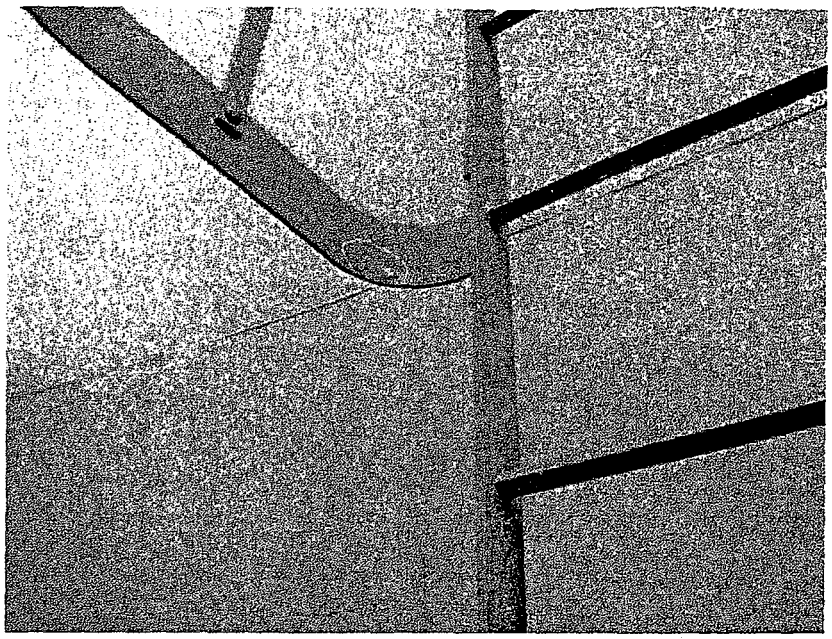
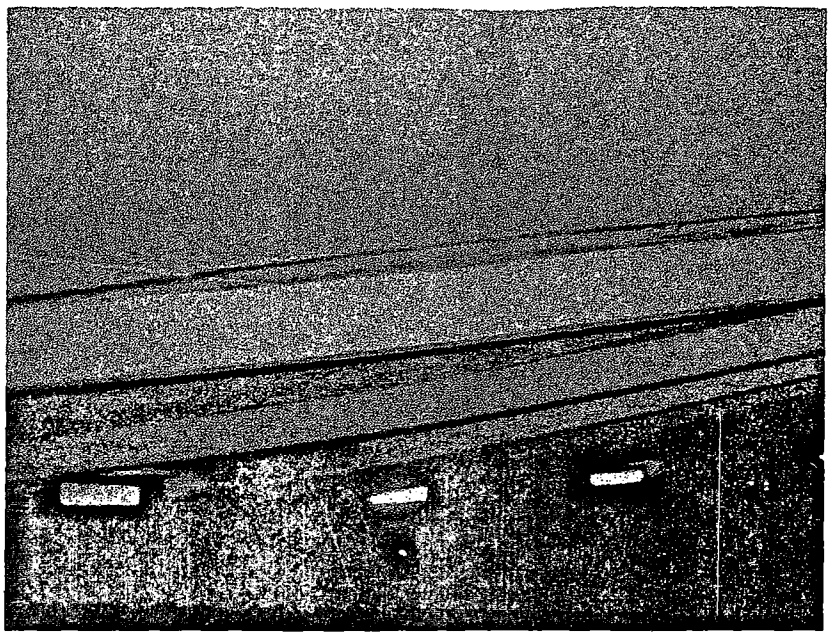
9/3/02
Marginal condition of vapor seal



P9030018.JPG
9/3/02
Typical paint failure

P9030031.JPG
9/3/02
No seal welded re-pad provided to interior piping

P9030013.JPG
9/3/02
Deteriorated ladder negotiator



P9030007.JPG
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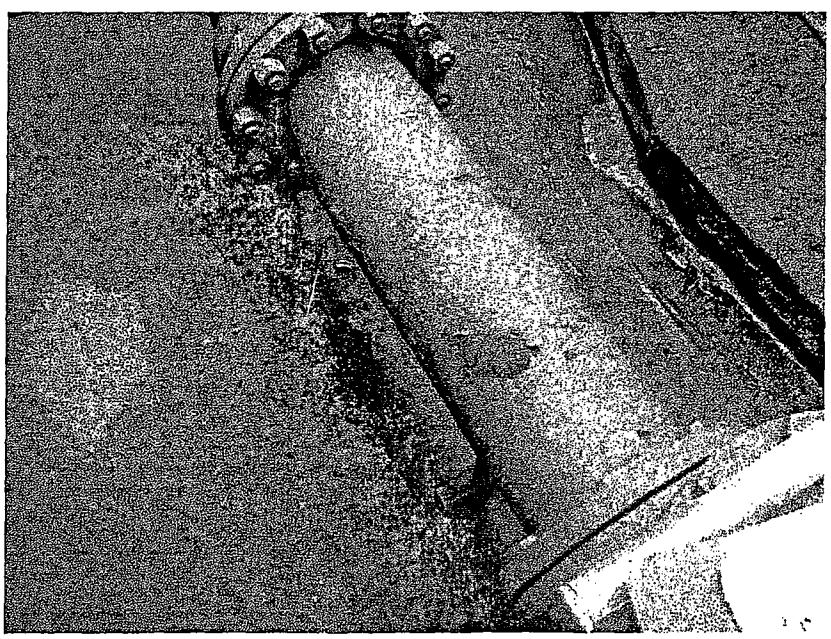
Typical roof rafter



P9030001.JPG
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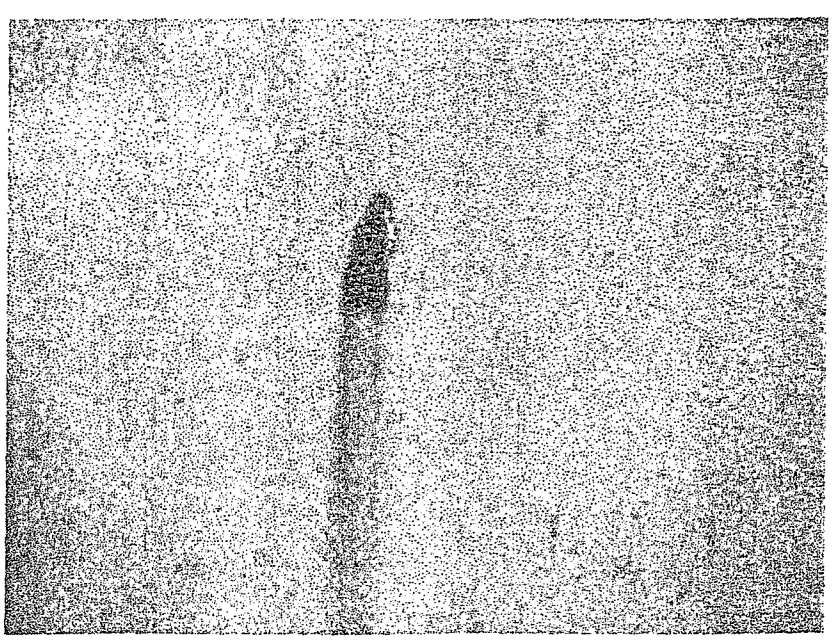
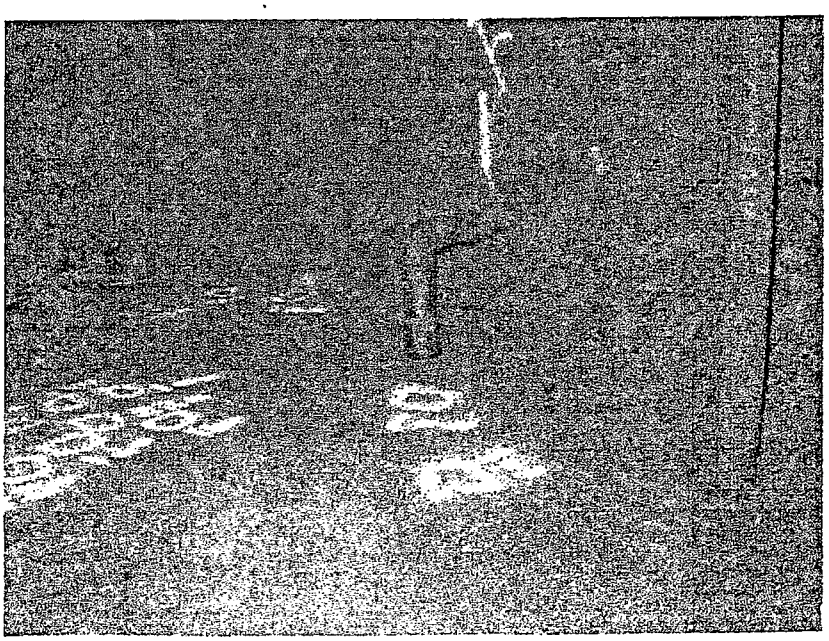
Minor paint failure of exterior piping



P9030002.JPG
9/3/02
Minor paint failure / pitting of secondary containment wall

P9030010.JPG
9/3/02
Accumulated debris on interior floating roof

P8140057.JPG
8/14/02
Typical floor pitting



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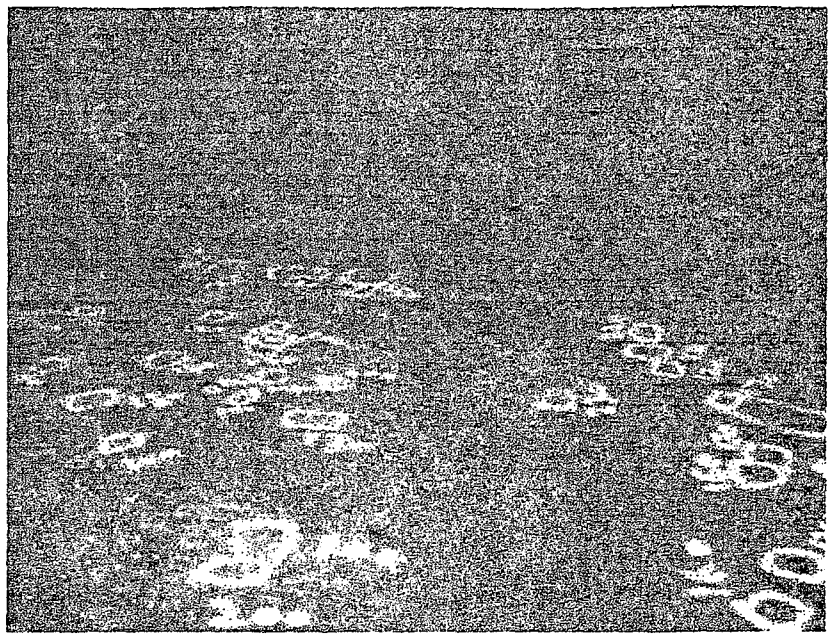
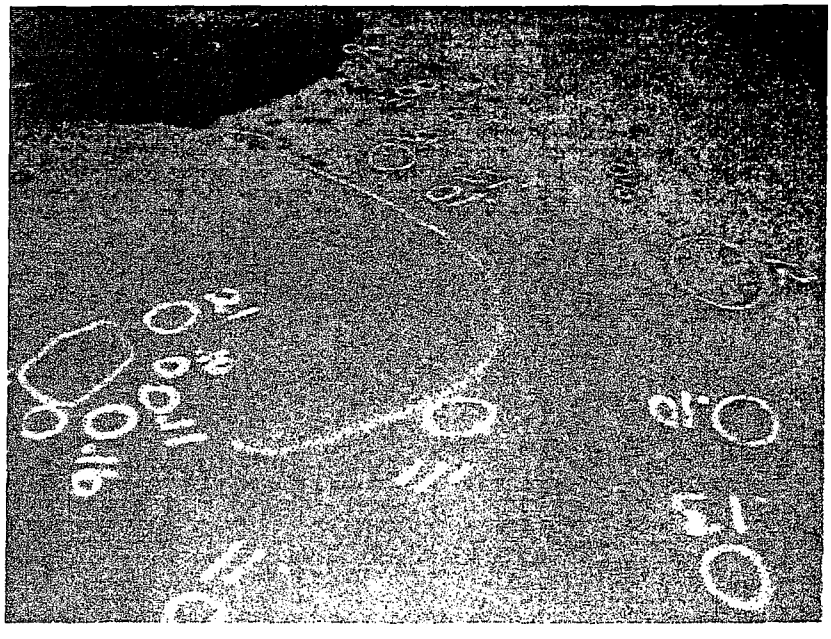
8/14/02
Typical floor pitting

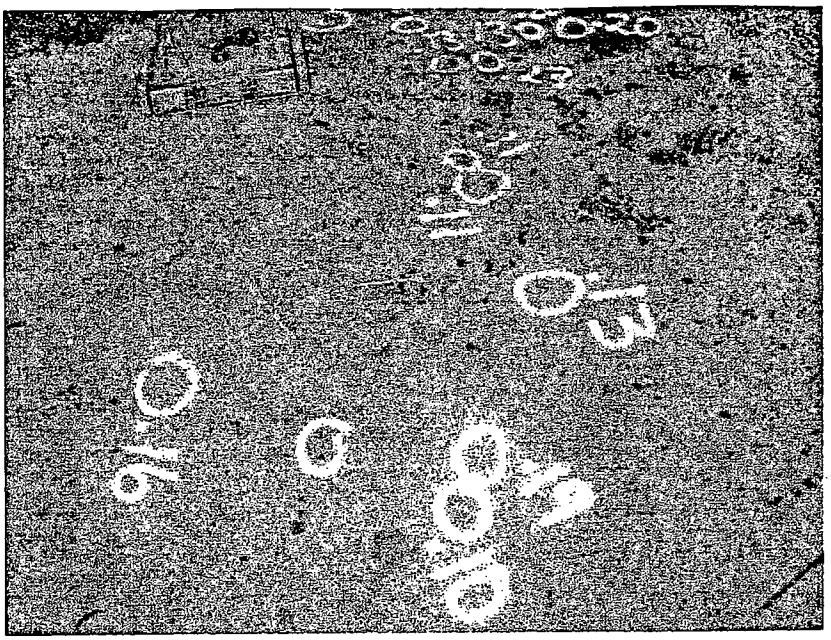


P8140061.JPG
8/14/02
Typical floor pitting

P8140062.JPG
8/14/02
Typical floor pitting



P9030022.JPG
9/3/02
Pitting



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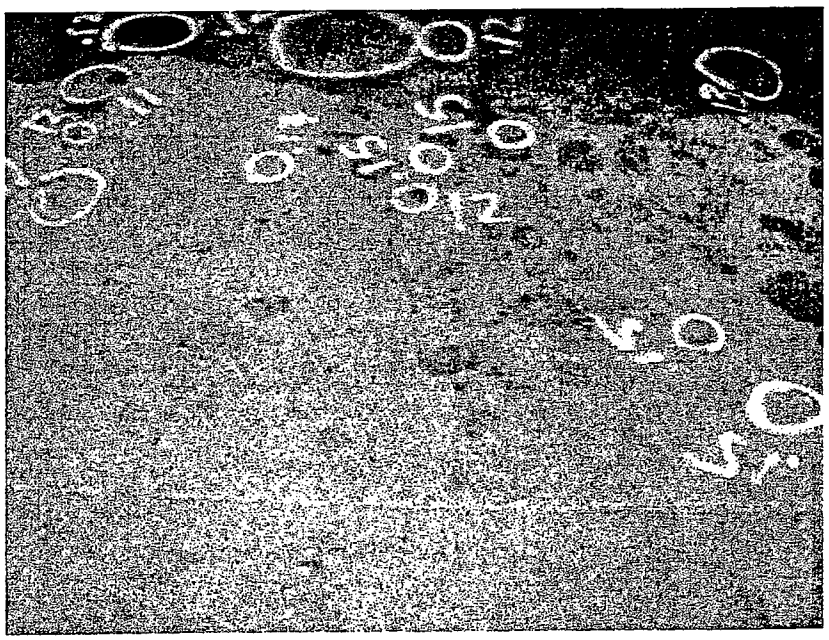
9/3/02
Pitting



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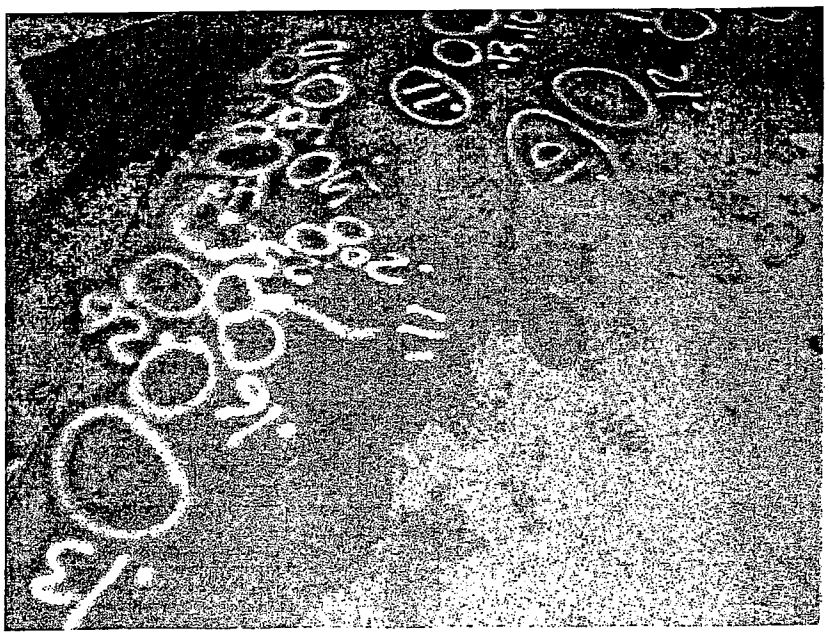
9/3/02
Pitting



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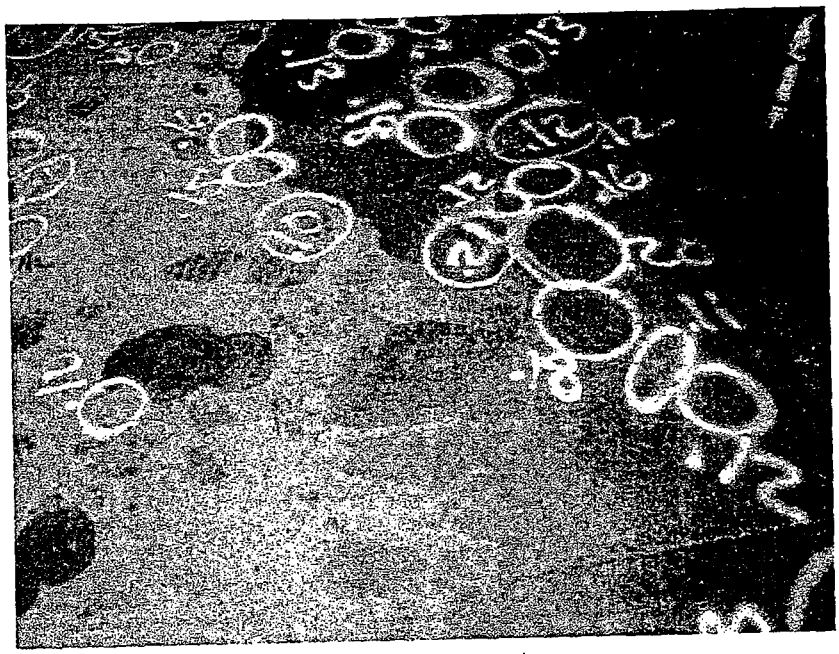
9/3/02
Pitting



P9030033.JPG
9/3/02
Pitting

VII. RECOMMENDATIONS

As a result of the findings disclosed in the inspection of Tank No. 4, PCA Engineering, Inc. makes the following recommendations:

- Considering the severe consumption of the tank floor, PCA recommends consideration for replacing the floor in its entirety, in accordance with API 653 and other applicable standards.
- Remove or restore the perforated floating roof vapor seal as needed.
- Restore the exterior paint coatings.

The maximum interval until the next internal inspection would be 10 years based on New York State Regulation, the attached calculation, the available data, and assumes completion of above repairs, operation under the same service and operating conditions. This does not preclude regular in-service inspection by terminal personnel and qualified inspector, and it is not a guarantee of future performance. The inspection/service interval can be substantially improved through the addition of cathodic protection corrosion control and/or an internal floor coating system, per applicable standards.

VII. RECOMMENDATIONS (Cont'd)

All repairs should be completed per API 650, 653 and other applicable Standards. An inspection of all repairs should be performed prior to return to service.

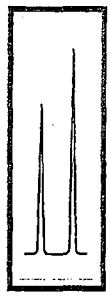
Based on the extent of the inspections performed on Tank No. 4, the test results indicate no substantial corrosion or defects above and beyond that noted, as of the test date August 13, 14 and September 3, 2002. This is not to be construed as an expressed or implied warranty of future performance.

Bayside Fuel Oil Depot
Tank No. 4
August 13, 14 and September 3, 2002
PCA Job No. 22443

WILLIAM M. KENT
PCA ENGINEERING, INC.
API Certification No. 297

WMK:lms

Notwithstanding anything contained in this report, nothing herein shall be construed as a representation, warranty or guarantee, either expressed or implied, regarding the future structural integrity or future life expectancy of any of the items tested. This report and any analysis provided is in all respects subject to and shall be interpreted within the limitations and parameters of the test procedures performed. In the event testing is performed using a sampling procedure, this report and any analysis shall be limited to those areas actually tested and the type of test conducted, and the customer is cautioned not to extrapolate the results of the test samples.



Tanks 1, 2 & 3

SMITH STREET

***TRACER TIGHT®* Leak Test**
of
One Giant
Underground Storage Tank
at
Bayside Fuel Oil Depot Corporation
Brooklyn, New York
February 21 through March 8, 2000

***Tracer Tight®* Leak Test**

One Giant Underground Storage Tank
at
Bayside Fuel Oil Depot Corporation
537 Smith Street
Brooklyn, New York 11231

Prepared for:

Bayside Fuel Oil Depot Corporation
1776 Shore Parkway
Brooklyn, New York 11214

Telephone: (718) 372-9800

Attention: Anthony Natale

Prepared by:

Tracer Research Corporation
1 Deerpark Drive, Suite G
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Telephone: (800) 303-4523
Facsimile: (732) 274-2922

Submitted By:

Marjorie D. Stivers

Marjorie D. Stivers / Sr. Project Mgr.

36217-000.G

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APPENDIX C: MAP.....C

INTRODUCTION

Tracer Research Corporation (Tracer Research) performed *Tracer Tight*® leak testing on one compartmentalized giant underground storage tank (GUST) at the Smith Street Terminal of Bayside Fuel Oil Depot Corporation in Brooklyn, New York. Testing was performed on each tank between February 21 through March 8, 2000. The following table lists the tank location, tank number, capacity and product in each tank:

Tank Location	Compartment Number	Tank Capacity (Gallons)	Product in UST At Time of Test
Bulk Storage Area	1	500,000	No. 6 Fuel Oil
Bulk Storage Area	2	400,000	No. 6 Fuel Oil
Bulk Storage Area	3	200,000	No. 4 Fuel Oil

Tracer Research installed Leak Detection Monitoring System (LDMS) probes in the backfill surrounding the tank during a previous testing event. The LDMS had a total of 14 sample locations surrounding the tanks.

Tracer Research inoculated Tank1 with Tracer A, Tank 2 with Tracer R and Tank 3 with Tracer W on February 21, 2000.

DISCUSSION

Tracer Tight® leak testing is performed by mixing a volatile chemical concentrate, a tracer, with the product inside a tank. The tracer was selected for its compatibility with the product and its performance characteristics in each specific test environment. The tracer chemicals are non-corrosive, inert compounds, that are added to the product at very low concentrations, typically ranging between 1 to 10 parts per million (PPM) with a target concentration of 1 PPM.

The tracer chemical is distributed throughout the tank and piping system by the motion of the product. If the product from the tank or pipeline escapes into the soil, the tracer then partitions out of the product and disperses into the surrounding soil by molecular diffusion.

After the tracer has had time to diffuse and migrate through the soil around the leak, soil gas samples are collected from a leak detection probe system that is installed around the tank perimeter. The system is tested by collecting a soil vapor sample from each probe, and analyzing these samples for the presence of tracer and hydrocarbon vapors. The detection of tracer in the soil vapor samples is used, as the sole criteria, for determining if there is an active leak.

PROCEDURES

The *Tracer Tight*® Leak Detection system is designed to test a tank while still in service. The *Tracer Tight*® test is performed in three phases; Probe Installation, Inoculation and Testing (sample collection and analysis). Typical procedures for each phase are outlined below:

Probe Installation

The *Tracer Tight*® Test utilizes a probe system designed for each tank and pipeline based on the dimensions of the storage system. Probes are placed vertically around the tank at twenty foot intervals. Twenty feet is the approximate zone of influence for each probe. This probe layout will effectively allow the testing of the tank's perimeter wall and the perimeter of the floor.

Once properly installed the *Tracer Tight*® Leak Detection System can be used for future testing with minimal service and repair.

Inoculation

Inoculation is the introduction of the tracer compound to the product in the system to be tested. Only a small quantity of the tracer compound is added to the product. Because of the detectability of the tracer, this small concentration is enough to allow proper testing of the system.

Testing

The *Tracer Tight*® test involves collecting soil gas samples from LDMS probes around the perimeter of the tank and then analyzing the samples with a gas chromatograph (GC) for the tracer compound. The tracer inoculant must be in the system for at least one week prior to testing. The sampling of large USTs (greater than 20 feet in diameter) with the tank bottoms in groundwater involves multiple sampling events.

Samples are typically collected one week to four weeks (passive test) after inoculation. The passive test is designed to test the perimeter wall and the perimeter of the tank floor. When fuel leaks underwater, it rises to the surface of the water table and releases the tracer into the air above the water. Samples are collected and analyzed for the tracer inside the tank.

RESULTS

The results of the *Tracer Tight*® test confirm that Tanks 1,2 and 3 at the Smith Street Terminal of Bayside Fuel Oil Depot Corporation, Brooklyn, New York pass the *Tracer Tight*® test.

Appendix A contains the certification page for the GUST. Appendix B contains the condensed data from the *Tracer Tight*® tests. The data lists the probe number and concentration of each tracer compound. Appendix C contains the map for the underground storage tanks.

Appendix A: Certification Pages

TRACER TIGHT® LEAK DETECTION CERTIFICATION

Smith Street Terminal
Bayside Fuel Oil Depot Corporation
Brooklyn, New York

Date: March 2000
Job #: 36217-000.G

TANK No.	SIZE (gal)	PRODUCT	TRACER	LEAK STATUS
1	500,000	No. 6 Fuel Oil	A	Pass
2	400,000	No. 6 Fuel Oil	R	Pass
3	200,000	No. 4 Fuel Oil	W	Pass

Tracer Research Corporation certifies that the tank listed in the above table has been tested by means of *Tracer Tight®*, which meets the criteria set forth in NFPA 329 for a precision leak test. According to EPA standard test procedures for evaluating leak detection methods, this method is capable of detecting leaks of 0.05 gallons per hour with a Probability of Detection (PD) of 0.97 and a Probability of False Alarm (PFA) of 0.029.

Marjorie D. Stivers

Marjorie D. Stivers
Submitted by: Tracer Research Corporation

The following criteria is used for the classification of leakage.

PASS CRITERIA:

TRACER NOT DETECTED

FAIL CRITERIA

TRACER DETECTED

Appendix B: Analytical Data

Client/Site: Bayside/Brooklyn NY
Date: 03/08/2000
Job Number: 36217-000.G

SAMPLE	COMPOUND	CONCENTRATION
LV1	A	0.0000
LV1	W	0.0000
LV1	R	0.0000
LV1	TVHC	0.0680
LV2	A	0.0000
LV2	W	0.0000
LV2	R	0.0000
LV2	TVHC	0.2920
LV3	A	0.0000
LV3	W	0.0000
LV3	R	0.0000
LV3	TVHC	0.0000
LV4-L.S.	A	0.0000
LV4-L.S.	W	0.0000
LV4-L.S.	R	0.0000
LV4-L.S.	TVHC	0.0000
LV5	A	0.0000
LV5	W	0.0000
LV5	R	0.0000
LV5	TVHC	0.0000
LV6	A	0.0000
LV6	W	0.0000
LV6	R	0.0000
LV6	TVHC	0.0590
LV7	A	0.0000
LV7	W	0.0000
LV7	R	0.0000
LV7	TVHC	0.0000
LV8	A	0.0000
LV8	W	0.0000
LV8	R	0.0000
LV8	TVHC	0.0000
LV9	A	0.0000
LV9	W	0.0000
LV9	R	0.0000
LV9	TVHC	0.0000
LV10	A	0.0000
LV10	W	0.0000
LV10	R	0.0000
LV10	TVHC	0.0000
LV11	A	0.0000
LV11	W	0.0000
LV11	R	0.0000

Tracer concentrations are reported in micrograms per liter (µg/L).
TVHC concentrations are reported in milligrams per liter (mg/L).

Client/Site: Bayside/Brooklyn NY
Date: 03/08/2000
Job Number: 36217-000.G

SAMPLE	COMPOUND	CONCENTRATION
LV11	TVHC	0.0000
LV12	A	0.0000
LV12	W	0.0000
LV12	R	0.0000
LV12	TVHC	0.0000
LV13	A	0.0000
LV13	W	0.0000
LV13	R	0.0000
LV13	TVHC	0.0000
LV14	A	0.0000
LV14	W	0.0000
LV14	R	0.0000
LV14	TVHC	0.0000

Tracer concentrations are reported in micrograms per liter (µg/L).
TVHC concentrations are reported in milligrams per liter (mg/L).

Appendix C: Map

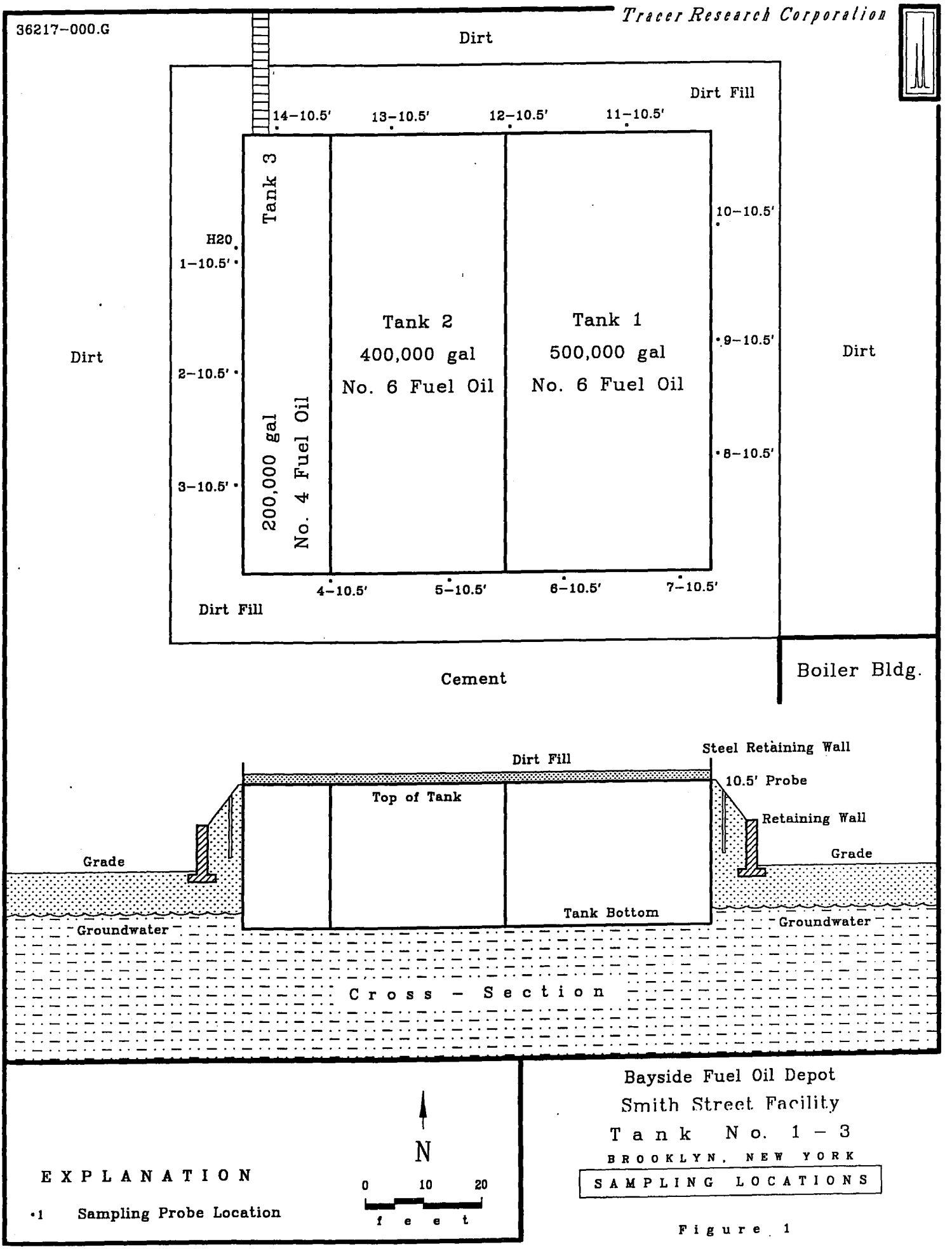
Tracer Research Corporation
36217-000.G
Dirt
Dirt Fill
14-10.5'
13-10.5'
12-10.5'
11-10.5'
Tank 3
200,000 gal
No. 4 Fuel Oil
Tank 2
400,000 gal
No. 6 Fuel Oil
Tank 1
500,000 gal
No. 6 Fuel Oil
10-10.5'
9-10.5'
8-10.5'
H20
1-10.5'
2-10.5'
3-10.5'
Dirt
Dirt
4-10.5'
5-10.5'
6-10.5'
7-10.5'
Dirt Fill
Cement
Boiler Bldg.
Steel Retaining Wall
Dirt Fill
10.5' Probe
Top of Tank
Retaining Wall
Grade
Grade
Tank Bottom
Groundwater
Groundwater
Cross - Section
EXPLANATION
•1 Sampling Probe Location
N
0 10 20
feet
Bayside Fuel Oil Depot
Smith Street Facility
Tank No. 1 - 3
BROOKLYN, NEW YORK
SAMPLING LOCATIONS

Figure 1

Tanks
4&5

TRACER TIGHT®
ABOVEGROUND STORAGE TANK
LEAK DETECTION TESTING
at
BAYSIDE FUEL OIL DEPOT CORPORATION
Brooklyn, New York
February 21 through 23, 2000

SMITH STREET

Prepared for:

Bayside Fuel Oil Depot Corporation
1776 Shore Parkway
Brooklyn, New York 11214

Telephone: (718) 372-9800

Attention: Anthony Natale

Prepared by:

TRACER RESEARCH CORPORATION
1 Deerpark Drive, Suite G
Monmouth Junction, New Jersey 08852

Telephone: (800) 303-4523
FAX: (732) 274-2922

Submitted by:

Marjorie D. Stivers

Marjorie D. Stivers / Sr. Project Mgr.

36217-000.G

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2.0 TEST RESULTS ---------- 1

3.0 TEST SUMMARY ---------- 1

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1.0 INTRODUCTION

Tracer Research Corporation (Tracer Research) performed Tracer Tight® Leak Detection testing on two (2) aboveground storage tanks (ASTs) at the Bayside Fuel Oil Depot Corporation located in Brooklyn, New York. The tanks tested, designated as TK4 and TK5, contained No. 2 Fuel Oil and are 45 feet in diameter. A series of two-foot vertical probes placed at fifteen-foot intervals were previously installed along the tank bottom circumference of both tanks. Inoculation and testing was performed February 21 through 23. All phases of testing were conducted as outlined in Tracer Research Corporation's, *Tracer Tight® Aboveground Storage Tank, Leak Detection Procedures*, dated April 1996.

2.0 TEST RESULTS

The results of the Tracer Tight Test® performed on the oil tanks indicate that each tank has passed. No tracer was detected.

3.0 TEST SUMMARY

A diagram showing the installed probe system for the tank can be found in Appendix A: Maps. Each probe is labeled by a number designation and the vertical length under the surface. The probe installed for the leak simulation is designated as LS.

The tracer compound was introduced into each tank February 21, 2000. The volume of tracer introduced was calculated to achieve a 5 ppm concentration in the product based on the product volume at the time of inoculation.

The leak simulation tracer was introduced under the floor of the tank the same day as the tank inoculation. The tracer was introduced under the tank floor via a leak simulation probe. The results of the 48 hour sample collection confirm that there is adequate coverage of the tank bottom and that tracer can readily migrate across the tank floor.

Testing was conducted February 22 and 23. Sampling and analysis were conducted as outlined in the standard test procedures. As stated in the results, tracer compound was not detected in any probe. Therefore, both tanks pass the Tracer Tight ® Leak Detection test.

Data from the test is located in the Appendices. Appendix A contains a map showing the probe system installed in relationship to the tank. Appendix B contains condensed analytical data for the inoculation tracer (Tracer A), leak simulation tracer (Tracer W) and Total Volatile Hydrocarbons (TVHC) detected for each test round. The information is listed by test round, probe number and analyte concentration. TVHC is given for client's information and is not used in determining the test results.

This information is proprietary and may not be transmitted, copied or disclosed in whole or in part without written permission from Tracer Research Corporation.

Certification

Job Number: 36217-000.G
Date: 03/00

Location: Bayside Fuel Oil Depot Corporation
537 Smith Street, Brooklyn, New York

TANK #	DIAMETER(FT)	TRACER	PASS/FAIL
4	45	A	**PASS**
5	45	A	**PASS**

Tracer Research Corporation certifies that the tanks listed in the above table have been tested by means of Tracer Tight®, which meets the criteria set forth in NFPA 329 for a precision leak test. According to EPA standard test procedures for evaluating leak detection methods, the Tracer Tight® method is capable of detecting leaks of 0.05 gallons per hour with a probability of Detection (P_D) of 0.97 and Probability of False Alarm (P_{FA}) of 0.029.

Submitted by: Marjorie D Stivers

Marjorie Stivers
Tracer Research Corporation

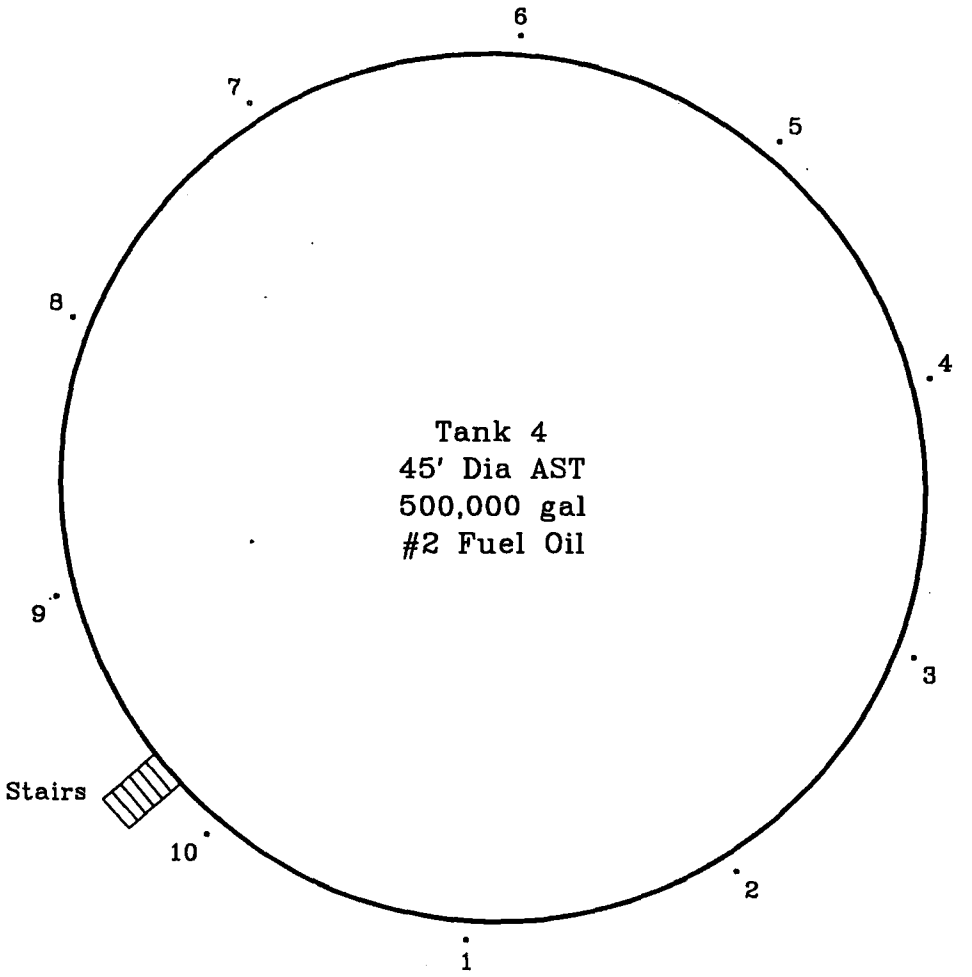
The following criteria are used for the classification of leakage is based on the presence or absence of tracer.

PASS	FAIL
Criteria:	Criteria:
NO tracer detected	tracer detected

This information is proprietary and may not be transmitted, copied or disclosed in whole or in part without written permission from Tracer Research Corporation.

APPENDIX A: Maps

This information is proprietary and may not be transmitted, copied or disclosed in whole or in part without written permission from Tracer Research Corporation.



E X P L A N A T I O N

•1 Sampling Probe Location

Note: All Probes Are Vertical
(2' Deep)

Tanks 1,2,3

D i k e

N

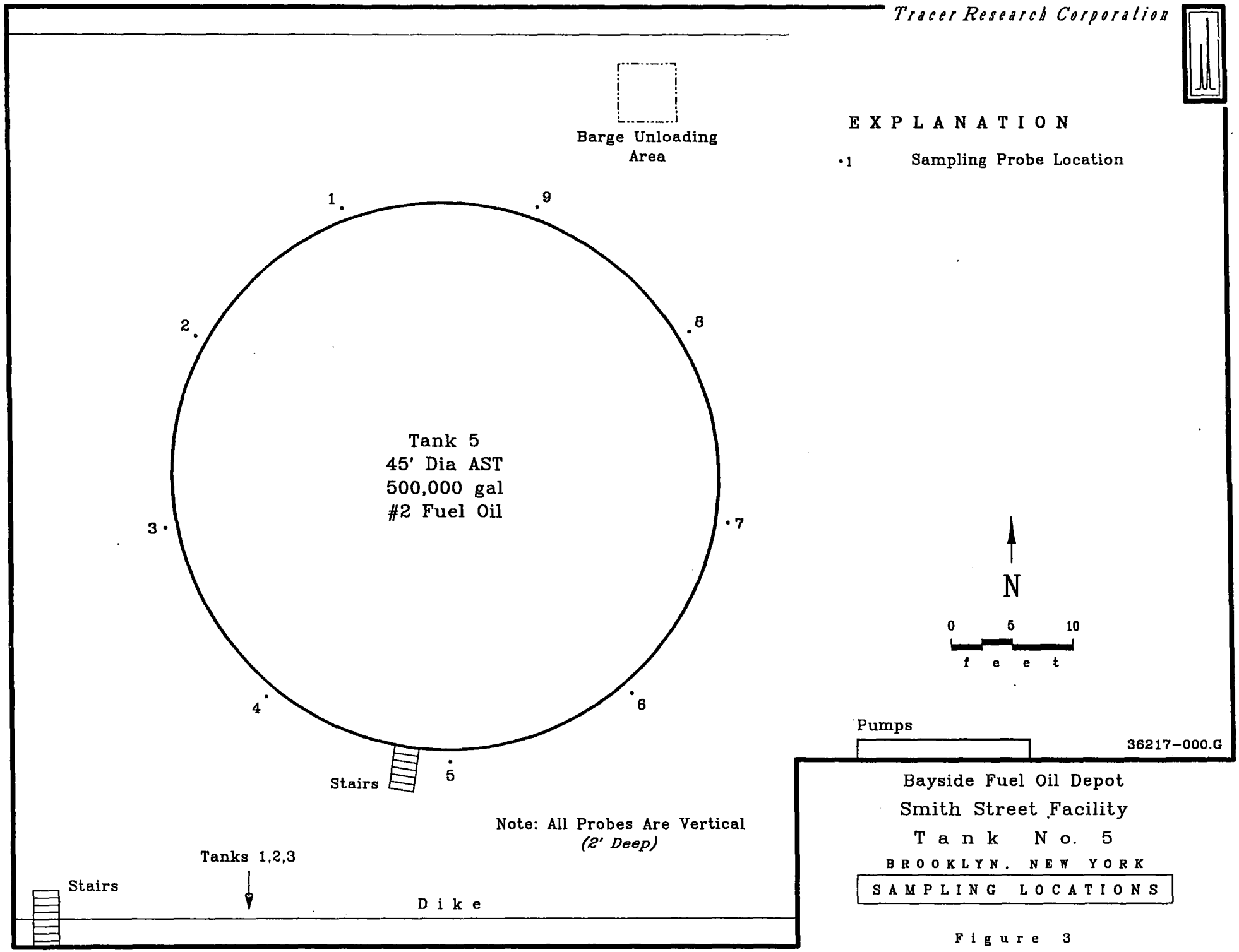
0 5 10

f e e t

36217-000.G

Bayside Fuel Oil Depot
Smith Street Facility
T a n k N o. 4
B R O O K L Y N, N E W Y O R K
S A M P L I N G L O C A T I O N S

F i g u r e 2



Bayside Fuel Oil Depot
Smith Street Facility
Tank No. 5
BROOKLYN, NEW YORK
SAMPLING LOCATIONS

Figure 3

APPENDIX B: Analytical Data

This information is proprietary and may not be transmitted, copied or disclosed in whole or in part without written permission from Tracer Research Corporation.

Client/Site: BAYSIDE/BROOKLYN
Date: 02/18/2000
Analyst: A.SCUDDER
Job Number: 36217-000.G

SAMPLE	A µg/L	C µg/L
TK4-1A	<0.0001	<0.002
TK4-2A	<0.0001	<0.002
TK4-3A	<0.0001	<0.002
TK4-4A	<0.0001	<0.002
TK4-5A	<0.0001	<0.002
TK4-6A	<0.0001	<0.002
TK4-7A	<0.0001	<0.002
TK4-8A	<0.0001	<0.002
TK4-9A	<0.0001	<0.002
TK4-10A	<0.0001	<0.002
TK5-1A	<0.0001	<0.002
TK5-2A	<0.0001	<0.002
TK5-3A	<0.0001	<0.002
TK5-4A	<0.0001	<0.002
TK5-5A	<0.0001	<0.002
TK5-6A	<0.0001	<0.002
TK5-7A	<0.0001	<0.002
TK5-8A	<0.0001	<0.002
TK5-9A	<0.0001	<0.002

Client/Site: BAYSIDE/BROOKLYN NY
Date: 02/29/2000
Analyst: A. SCUDDER
Job Number: 36217-000.G

SAMPLE	A µg/L	C µg/L	TVHC µg/L
TK4-1B	<0.0001	<0.0003	<0.0004
TK4-2B	<0.0001	<0.0003	<0.0004
TK4-3B	<0.0001	<0.0003	<0.0004
TK4-4B	<0.0001	<0.0003	<0.0004
TK4-5B	<0.0001	<0.0003	<0.0004
TK4-6B	<0.0001	<0.0006	0.3
TK4-7B	<0.0001	<0.0006	<1.0
TK4-8B	<0.0001	<0.0006	<1.0
TK4-9B	<0.0001	<0.0006	<1.0
TK4-10B	<0.0001	<0.0006	<1.0
TK5-1B	<0.0001	<0.0006	<1.0
TK5-2B	<0.0001	<0.0006	<1.0
TK5-3B	<0.0001	<0.0006	<1.0
TK5-4B	<0.0001	<0.0006	<1.0
TK5-5B	<0.0001	<0.0006	<1.0
TK5-6B	<0.0001	<0.0006	<1.0
TK5-7B	<0.0001	<0.0006	<1.0
TK5-8B	<0.0001	<0.0006	<1.0
TK5-9B	<0.0001	<0.0006	<1.0

Client/Site: BAYSIDE/BROOKLYN NY
Date: 02/29/2000
Analyst: A. SCUDDER
Job Number:3 36217-000.G

SAMPLE	A µg/L	C µg/L	TVHC µg/L
TK4-1C	<0.0001	0.02	<1.0
TK4-2C	<0.0001	0.01	<1.0
TK4-3C	<0.0001	<0.0006	<1.0
TK4-4C	<0.0001	0.0007	<1.0
TK4-5C	<0.0001	<0.0006	<1.0
TK4-6C	<0.0001	<0.0006	<1.0
TK4-7C	<0.0001	<0.0006	<1.0
TK4-8C	<0.0001	<0.0006	<1.0
TK4-9C	<0.0001	<0.0006	<1.0
TK4-10C	<0.0001	1	<1.0
TK5-1C	<0.0001	0.03	<1.0
TK5-2C	<0.0001	0.0007	<1.0
TK5-3C	<0.0001	<0.0006	<1.0
TK5-4C	<0.0001	<0.0006	<1.0
TK5-5C	<0.0001	<0.0006	<1.0
TK5-6C	<0.0001	<0.0006	<1.0
TK5-7C	<0.0001	<0.0006	<1.0
TK5-8C	<0.0001	<0.0006	<1.0
TK5-9C	<0.0001	<0.0006	<1.0

Tracer Research Corporation appreciates the opportunity of being of service to your organization. Because we are constantly striving to improve our service to you, we welcome any comments or suggestions you may have about how we can be more responsive to the needs of your organization. If you have any questions about the field work, analytical results, or this report, please give Marj Stivers a call at (800) 303-4523.

AKRF

116 East 27th Street, 7th Floor
New York, NY 10016
tel: 646 459-3500
fax: 212 726-0942
www.akrf.com

Transmittal Form

Date: June 1, 2004

To:	Distribution	**From:**	Julie Foley
		Phone:	646-459-3524
Job Title:	Bayside Fuel Oil Depot - Gowanus	**Job No.:**	10442

Please find attached the BCP Application for the Bayside Fuel Oil Depot – Bond Street Terminal located on the Gowanus Canal in Brooklyn. This package includes a completed application, Citizen Participation Plan, and a previous Phase I and Phase II ESA.

Please call me with any questions or concerns.

Regards,

Distribution:

Daniel Walsh, NYS DEC

Denise D'Ambrosio, NYS DEC

Robert Pascucci, Gowanus Canal

Chief, Site Control Section, NYS DEC

John Ferrante, Jobco, Inc.

Vincent Allegretti, Bayside Fuel Oil Depot

David Freeman, Paul Hastings

Julie Foley

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

BROWNFIELD CLEANUP PROGRAM (BCP) APPLICATION

ECL ARTICLE 27 / TITLE 1

Applicant Information

NAME GOWANUS CANAL JV, LLC; HIRSCH GROUP, LLC; AND ALLEGRETTI GROUP, LLC		
ADDRESS (SEE ATTACHMENT A)		
CITY/TOWN		ZIP CODE
PHONE	FAX	E-MAIL
NAME OF APPLICANT'S REPRESENTATIVE MARCUS SIMONS, VICE PRESIDENT, AKRF, INC.		
ADDRESS 116 EAST 27TH STREET, 7TH FLOOR		
CITY/TOWN NEW YORK, NEW YORK		ZIP CODE 10016
PHONE 646-459-3527	FAX 212-726-0942	E-MAIL MARCUS_SIMONS@AKRF.COM

THE APPLICANT MUST CERTIFY THAT IT IS EITHER A PARTICIPANT OR VOLUNTEER IN ACCORDANCE WITH ECL § 27-1405 (1) BY CHECKING ONE OF THE BOXES BELOW: (SEE ATTACHMENT A)

☒ Participant

An applicant who either 1) was the owner of the site at the time of the disposal of hazardous waste or discharge or petroleum or 2) is otherwise a person responsible for the contamination, unless the liability arises solely as a result of ownership, operation of, or involvement with the site subsequent to the disposal of hazardous waste of discharge of petroleum.

☒ Volunteer

An applicant other than a participant, including an applicant whose liability arises solely as a result of ownership. Operation of or involvement with the site subsequent to the disposal of hazardous waste or discharge of petroleum.

NOTE: By checking this box, the applicant certifies that he/she has exercised appropriate care with respect to the hazardous waste found at the facility by taking reasonable steps to: i) stop and continuing discharge; ii) prevent any threatened future release; and iii) prevent of limit human, environmental, or natural resource exposure to any previously released hazardous waste.

Applicant Relationship to Property (check one):

☐ Previous Owner ☐ Current Owner ☐ Potential/Future Purchaser ☒ Other SEE ATTACHMENT A

Current Owner/Operator Information

OWNER'S NAME BAYSIDE FUEL OIL DEPOT CORP. AND THE ESTATES OF VICTOR V. ALLEGRETTI AND ALFRED ALLEGRETTI		
ADDRESS (OWNERSHIP SPECIFIC TO BLOCK AND LOT LISTED IN ATTACHMENT B)		
CITY/TOWN		ZIP CODE
PHONE	FAX	E-MAIL
OPERATOR'S NAME (if different from applicant) BAYSIDE FUEL OIL DEPOT CORP., MR. VINCENT ALLEGRETTI		
ADDRESS 1776 SHORE PARKWAY		
CITY/TOWN BROOKLYN, NEW YORK		ZIP CODE 11214-0002
PHONE 718-372-9800	FAX 718-266-3744	E-MAIL VINNYA@BAYSIDEDEPOT.COM

Site Information

SITE NAME **BAYSIDE FUEL OIL DEPOT - BOND STREET TERMINAL (ADDITIONAL ADDRESSES LISTED IN APPENDIX C)**

SITE ADDRESS **510 SACKETT STREET** CITY/TOWN **BROOKLYN, NEW YORK** ZIP CODE **11231-5020**

COUNTY **KINGS**	SITE SIZE (ACRES) **2.27**
LATITUDE **40.680232**	LONGITUDE **-73.988781**

PLEASE ATTACH A COUNTY TAX MAP WITH IDENTIFIER NUMBERS, ALONG WITH ANY FIGURES NEEDED TO SHOW THE LOCATION AND BOUNDARIES OF THE SITE. ALSO INCLUDE A USGS 7.5 MINUTE QUAD MAP IN WHICH THE SITE IS LOCATED. **(MAPS INCLUDED IN ATTACHMENT C)**

1. DO THE SITE BOUNDARIES CORRESPOND TO TAX MAP METES AND BOUNDS? IF NO, PLEASE ATTACH A METES AND BOUNDS DESCRIPTION OF THE SITE. ☒ YES ☐ NO
2. IS THE SITE PART OF A DESIGNATED BROWNFIELD OPPORTUNITY AREA PURSUANT TO GML970-R? IF YES, IDENTIFY AREA (NAME) _____ ☐ YES ☒ NO
3. IS THE SITE PART OF A DESIGNATED EN-Zone PURSUANT TO TL § 21(b)(6)? IF YES, IDENTIFY AREA (NAME)_____. ☐ YES ☒ NO

Applicant Eligibility Information (Please refer to ECL § 27-1407)

1. ARE ANY ENFORCEMENT ACTIONS PENDING AGAINST THE APPLICANT REGARDING THIS SITE? ☐ YES ☒ NO
2. IS THE APPLICANT SUBJECT TO AN OUTSTANDING CLAIM BY THE SPILL FUND FOR THIS SITE? ☐ YES ☒ NO
3. HAS THE APPLICANT VIOLATED ANY PROVISION OF ECL ARTICLE 27? ☐ YES ☒ NO
4. HAS THE APPLICANT BEEN PREVIOUSLY DENIED ENTRY TO THE BCP? ☐ YES ☒ NO
5. HAS THE APPLICANT COMMITED A NEGLIGENT OR INTENTIONALLY TORTIOUS ACT REGARDING HAZARDOUS WASTE OR PETROLEUM? ☐ YES ☒ NO
6. HAS THE APPLICANT BEEN CONVICTED OF A CRIMINAL OFFENSE THAT INVOLVES A VIOLENT FELONY, FRAUD, BRIBERY, PERJURY, THEFT, OR OFFENSE AGAINST PUBLIC ADMINISTRATION? ☐ YES ☒ NO
7. HAS THE APPLICANT KNOWINGLY FALSIFIED STATEMENTS OR CONCEALED MATERIAL FACTS IN A MATTER RELATED TO THE DEPARTMENT? ☐ YES ☒ NO
8. HAS THE APPLICANT, BASED ON THE PROVISIONS OF ECL ARTICLE 27-1407 (OR SIMILAR PROVISION OF FEDERAL OR STATE LAW), COMMITTED AN ACT OR FAILED TO ACT, AND SUCH ACT OR FAILURE TO ACT COULD BE THE BASIS FOR DENIAL OF A BCP APPLICATION? ☐ YES ☒ NO

Site eligibility Information (Please refer to ECL § 27-1405)

1. DOES THE SITE MEET THE DEFINITION OF A BROWNFIELD SITE (REAL PROPERTY, THE REDEVELOPMENT OR REUSE OF WHICH MAY BE COMPLICATED BY THE PRESENCE OR POTENTIAL PRESENCE OF HAZARDOUS WASTE, PETROLEUM, POLLUTANT, OR CONTAMINANT)? ☒ YES ☐ NO
2. IS THE SITE LISTED ON THE NATIONAL PRIORITIES LIST? ☐ YES ☒ NO
3. IS THE SITE LISTED ON THE NYS REGISTRY OF INACTIVE HAZARDOUS WASTE DISPOSAL SITES? IF YES, PLEASE PROVIDE: SITE #_____ CLASS#_____ ☐ YES ☒ NO
4. IS THE SITE SUBJECT TO A PERMIT UNDER ARTICLE 27, TITLE 9, OTHER THAN AN INTERIM STATUS FACILITY? ☐ YES ☒ NO
5. IS THE SITE SUBJECT TO A CLEANUP ORDER UNDER NAVIGATION LAW ARTICLE 12 OR ECL ARTICLE 17 TITLE 10? ☐ YES ☒ NO
6. IS THE SITE SUBJECT TO A STATE OR FEDERAL ENFORCEMENT ACTION RELATED TO HAZARDOUS WASTE OR PETROLEUM? ☐ YES ☒ NO

Project Description

PLEASE ATTACH A DESCRIPTION OF THE PROJECT WHICH INCLUDES THE FOLLOWING COMPONENTS:**(ATTACHMENT D)**

- PURPOSE AND SCOPE OF THE PROJECT
- ESTIMATED PROJECT SCHEDULE

Site's Environmental History

TO THE EXTENT THAT EXISTING INFORMATION /STUDIES/REPORTS ARE AVAILABLE TO THE APPLICANT, PLEASE ATTACH THE FOLLOWING: **(SEE ATTACHMENT E)**

1. **ENVIRONMENTAL DATA**
   A PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT PREPARED IN ACCORDANCE WITH ASTM E 1527 (American Society for Testing and Materials: Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process), AND ALL ENVIRONMENTAL REPORTS RELATED TO CONTAMINANTS ON OR EMANATING FROM THE SITE.
   IF A FINAL INVESTIGATION REPORT IS INCLUDED, INDICATE WHETHER IT MEETS THE REQUIREMENTS OF ECL ARTICLE 27-1415(2):
   ☐ YES ☐ NO

2. **OWNERS**
   A LIST OF PREVIOUS OWNERS WITH NAMES, LAST KNOWN ADDRESSES AND TELEPHONE NUMBERS (DESCRIBE APPLICANT'S RELATIONSHIP, IF ANY, TO EACH PREVIOUS OWNER LISTED. IF NO RELATIONSHIP, PUT "NONE").

3. **OPERATORS**
   A LIST OF PREVIOUS OPERATORS WITH NAMES, LAST KNOWN ADDRESSES AND TELEPHONE NUMBERS (DESCRIBE APPLICANT'S RELATIONSHIP, IF ANY, TO EACH PREVIOUS OWNER LISTED. IF NO RELATIONSHIP, PUT "NONE").

Contact List Information

PLEASE ATTACH, AT A MINIMUM, THE NAMES AND ADDRESSES OF THE FOLLOWING: **(SEE ATTACHMENT F)**

1. THE CHIEF EXECUTIVE OFFICER AND ZONING BOARD CHAIRPERSON OF EACH COUNTY, CITY, TOWN AND VILLAGE IN WHICH THE SITE IS LOCATED.
2. RESIDENTS, OWNERS, AND OCCUPANTS OF THE SITE AND PROPERTIES ADJACENT TO THE SITE.
3. LOCAL NEWS MEDIA FROM WHICH THE COMMUNITY TYPICALLY OBTAINS INFORMATION.
4. THE PUBLIC WATER SUPPLIER WHICH SERVICES THE AREA IN WHICH THE SITE IS LOCATED.
5. ANY PERSON WHO HAS REQUESTED TO BE PLACED ON THE SITE CONTACT LIST.
6. THE ADMINISTRATOR OF ANY SCHOOL OR DAY CARE FACILITY LOCATED ON OR NEAR THE SITE.
7. THE LOCATION OF A DOCUMENT REPOSITORY FOR THE PROJECT (E.G., LOCAL LIBRARY)

Contaminant Information

INDICATE KNOWN OR SUSPECTED CONTAMINANTS AND THE MEDIA WHICH ARE KNOWN OR SUSPECTED TO HAVE BEEN AFFECTED:

Contaminant Category	Soil	Groundwater	Surface Water	Sediment	Soil Gas
Petroleum	known	suspected			
Chlorinated Solvents					
Other VOC's					
SVOC's	suspected				
Metals	suspected				
Pesticides					
PCBs					
Other*					

* Please describe: _____

Land Use Factors (Please refer to ECL § 27-1415 (3))

Current Use: ☐ Residential ☒ Commercial ☒ Industrial ☐ Other_____

Future Use: ☒ Residential ☒ Commercial ☐ Industrial ☐ Other **APPLICATION WILL BE SUBMITTED TO CITY PLANNING FOR REZONING OF SITE**

Please check the appropriate boxes and provide an explanation as an attachment if appropriate. **(INCLUDED IN ATTACHMENT G)**	Yes	No	Unknown
1. Do current historical and/or recent development patterns support the proposed use?	☒	☐	☐
2. Is the proposed use consistent with applicable zoning laws/maps?	☐	☒	☐

3. Is the proposed use consistent with applicable brownfield opportunity area designations? (See GML 970-r)	☒	☐	☐
4. Is the proposed use consistent with applicable comprehensive community master plans, local waterfront revitalization plans, other adopted land use plans?	☐	☐	☒
5. Are there any Environmental Justice Concerns? (See § 27-1415(3)(p)).	☐	☒	☐
6. Are there any federal or State land use designations relating to this site?	☐	☒	☐
7. Do the population growth patterns and projections support the proposed use?	☒	☐	☐
8. Is the site accessible to existing infrastructure?	☒	☐	☐
9. Are there important cultural resources, including federal or state historic or heritage sites or Native American religious sites proximate to the site?	☐	☐	☒
10. Are there important federal, state or local natural resources, including waterways, wildlife refuges, wetlands, or critical habitats or endangered or threatened species proximate to this site?	☒	☐	☐
11. Are there floodplains proximate to the site?	☒	☐	☐
12. Are there any institutional controls currently applicable to the site?	☐	☒	☐
13. Describe on attachment the proximity to real property currently used for residential use, and to urban, commercial, industrial, agricultural, and recreational areas. (SEE ATTACHMENT G)			
14. Describe on attachment the potential vulnerability of groundwater to contamination that might migrate from the site, including proximity to wellhead protection and groundwater recharge areas. (SEE ATTACHMENT G)			
15. Describe on attachment the geography and geology of the site. (SEE ATTACHMENT G)			
(Note: the 16th criteria relates to comments from the public, which would not be received at the time of application)			

Statement of Certification

(By applicant other than an individual)
I certify that I am Manager (title) of GOWANUS CANAL JV LLC (entity); that I am authorized by that entity to make this application; that this application was prepared by me or under my supervision and direction; and that information provided on this form and its attachments is true and complete to the best of my knowledge and belief. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to section 210.45 of the Penal Law.

Date: 5/14/04 Signature: [signature] Print Name: Robert M. Pasewaii

(By applicant other than an individual)
I certify that I am Manager (title) of HIRSH GROUP LLC (entity); that I am authorized by that entity to make this application; that this application was prepared by me or under my supervision and direction; and that information provided on this form and its attachments is true and complete to the best of my knowledge and belief. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to section 210.45 of the Penal Law.

Date: 5/14/04 Signature: [signature] Print Name: Robert M. Pasewaii

(By applicant other than an individual)
I certify that I am MEMBER (title) of ALLEGRETTI GROUP LLC (entity); that I am authorized by that entity to make this application; that this application was prepared by me or under my supervision and direction; and that information provided on this form and its attachments is true and complete to the best of my knowledge and belief. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to section 210.45 of the Penal Law.

Date: 5-17-04 Signature: [signature] Print Name: Vincent Allegretti

FOR DEPARTMENT USE ONLY

BCP SITE NO: _____ BCP SITE T&A CODE: _____ PROJECT MANAGER _____

ATTACHMENT A

APPLICANT INFORMATION

Gowanus Canal JV, LLC (Volunteer)
277 Northern Boulevard, Suite 203
Great Neck New York, 11021
Contact: Robert M. Pascucci
Tel: 516-487-0050
Fax: 516-487-0014
Email: rmpascucci@jobco.biz

A. Hirsch Group LLC (Volunteer)
277 Northern Boulevard, Suite 203
Great Neck, New York 11021
Contact: Robert M. Pascucci
Tel: 516-487-0050
Fax: 516-487-0014
Email: rmpascucci@jobco.biz

1. Robert M. Pascucci, Member
2. GWC LLC, Member (Michael Fischer, Member)
3. AMR LLC, Member (Angella Rupelli, Member)

B. Allegretti Group LLC (Participant)
c/o Bayside Fuel Oil Depot Corp.
1776 Shore Parkway
Brooklyn, New York 11214-0002
Contact: Vincent Allegretti
Tel: 718-372-9800
Fax: 718-266-3744
Email: vinnya@baysidedepot.com

1. Vincent Allegretti
2. Michael Allegretti
3. Linda Allegretti
4. Sergio Allegretti
5. Bartolo Allegretti
6. Madeline Allegretti
7. Santina Allegretti
8. Orsella Allegretti
9. Estate of Victor Allegretti

Applicant Relationship to Property

Gowanus Canal JV, LLC (Volunteer) - Potential/Future Developer
Hirsch Group LLC (Volunteer) - Potential/Future Purchaser
Allegretti Group LLC (Participant) – Related Party to the Current Owner

ATTACHMENT B

CURRENT OWNER INFORMATION

Vincent Allegretti and Michael Allegretti, as executors and trustees u/l/w/t/ of Alfred Allegretti, late of Kings County

- Block 424, Lot 1, Parcel A
- Block 424, Lot 20, Parcel B
- Block 431, Lot 12, Parcel C

Bayside Fuel Oil Depot Corp.

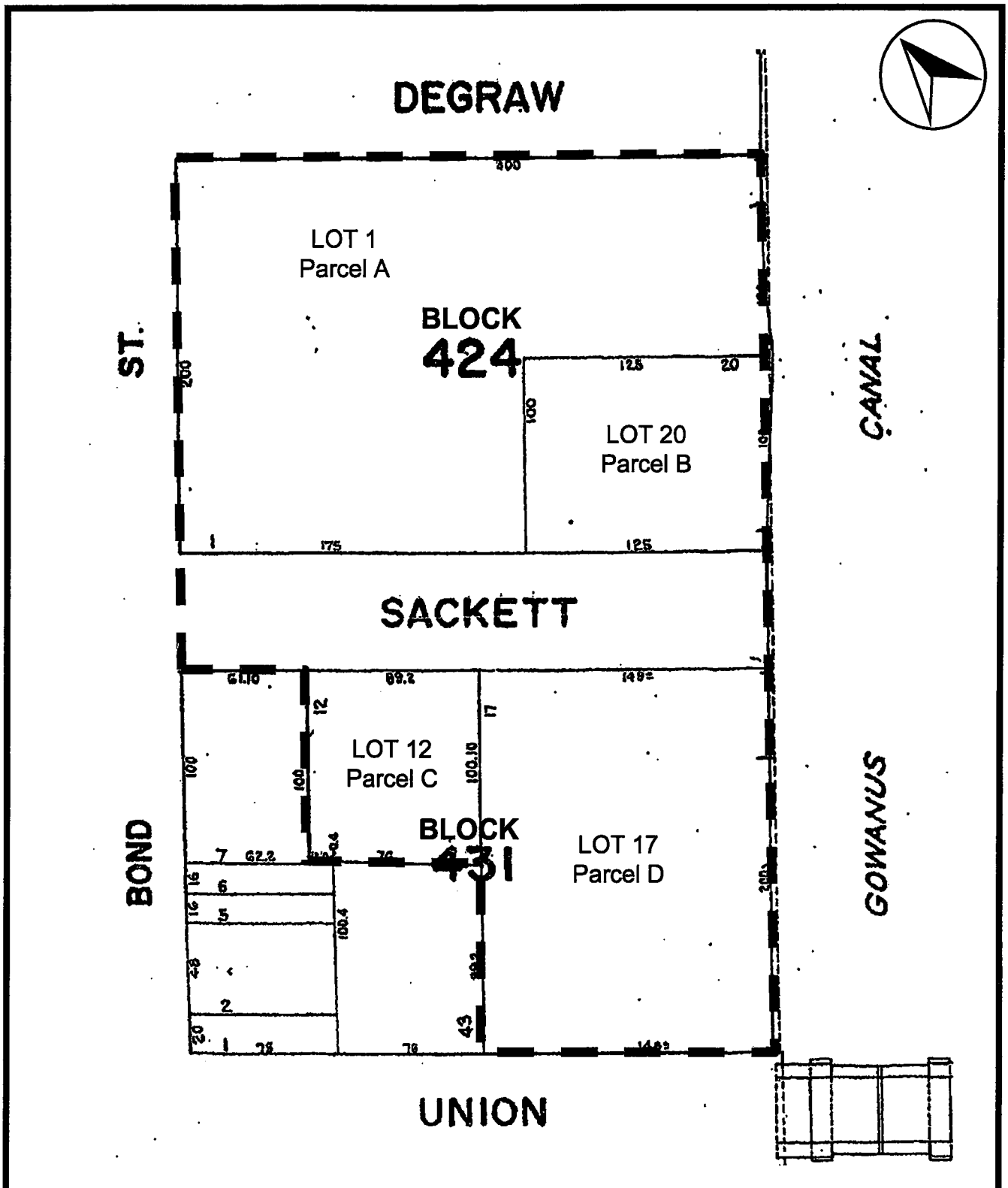
- Block 431, Lot 17, Parcel D

ATTACHMENT C

SITE INFORMATION

Additional addresses for the site:

- Block 424, Lot 1, Parcel A
    - 267-285 Bond Street a/k/a 484-508 Degraw Street a/k/a 479-493 Sackett Street
- Block 424, Lot 20, Parcel B
    - 495-505 Sackett Street
- Block 431, Lot 12, Parcel C
    - 498-502 Sackett Street
- Block 431, Lot 17, Parcel D
    - 508-520 Sackett Street a/k/a 505-517 Union Street



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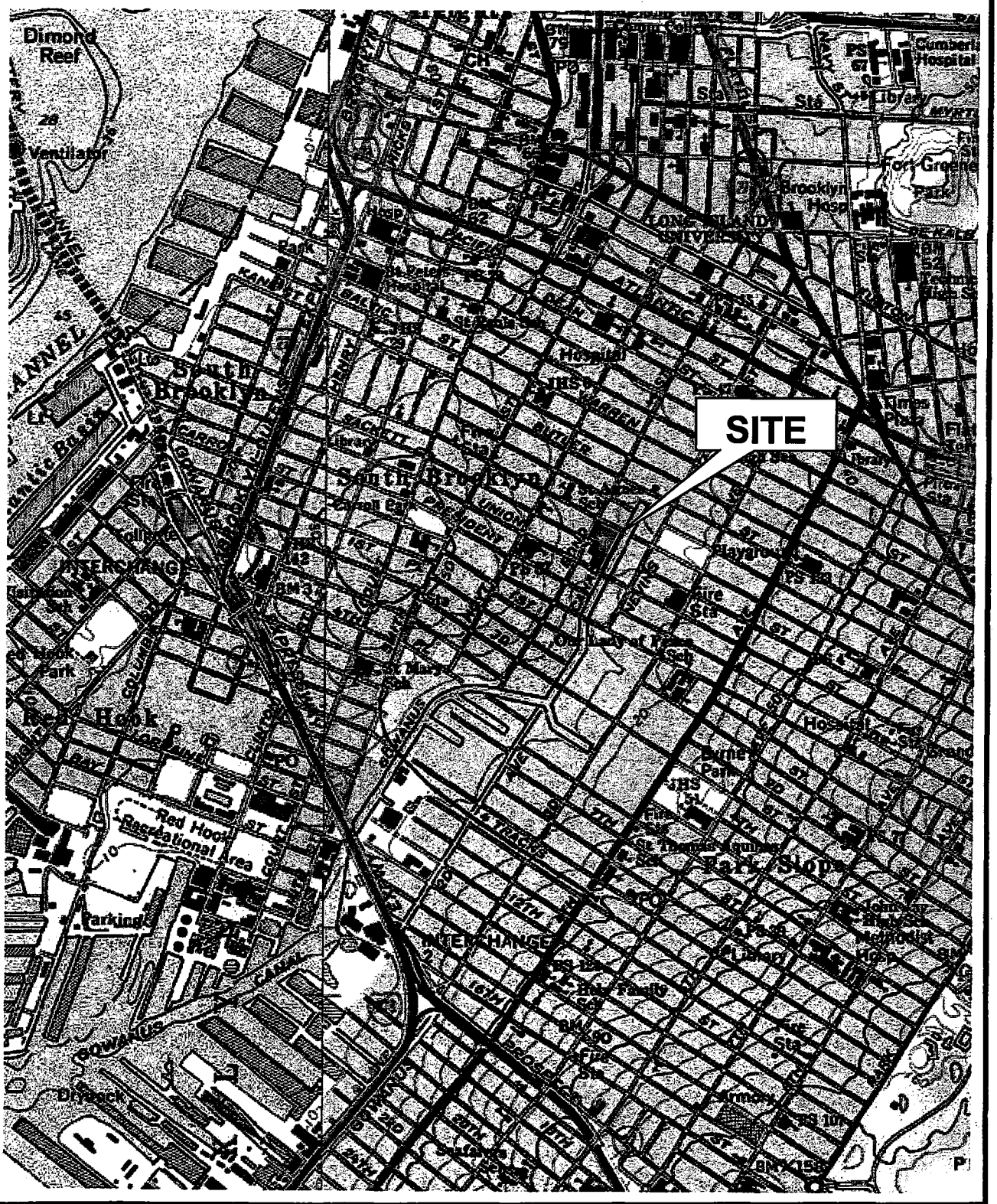
BAYSIDE FUEL OIL DEPOT
BOND STREET TERMINAL
510 SACKETT STREET, BROOKLYN

SITE PLAN

AKRF

Environmental Consultants
116 East 27th Street, New York, New York 10016

DATE: March 2004
DRAWING No.:
PROJECT No.: 10442
FIGURE No.:



Bayside Fuel Oil Depot
Brooklyn, New York

USGS 7.5 Minute Quad Map

AKRF, Inc.
Environmental Consultants
117 East 29 Street New York, New York 10016

DATE	March 2004
DRAWING No.	
PROJECT No.	10442
FIGURE No.	

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ATTACHMENT D

PROJECT DESCRIPTION

The project scope involves the construction of a moderate density development consisting of approximately 300,000 SF of residential and approximately 20,000 SF of retail space, along with open space along the Gowanus Canal. Construction is expected to begin June 2005 and the duration will be approximately 36 months. An application will be submitted to the New York City Department of City Planning for the rezoning of the site.

ATTACHMENT E

SITE'S ENVIRONMENTAL HISTORY

SECTION 1 - ENVIRONMENTAL DATA

Draft Phase I and Phase II - Gowanus Bayside Fuel Oil Depot

Prepared by Galli Engineering, December 27, 2002

ATTACHMENT E

SITE'S ENVIRONMENTAL HISTORY

SECTION 2 - OWNERS

Previous site owners based on title certification and New York City Department of Finance records. No other information is available at this time.

- Block 424, Lot 1, Parcel A
    - Allegretti acquired title from Christopher Castoro and Anthony Castoro by deed dated 9/6/84 and recorded 9/28/98 in Reel 1156 page 1176.
    - Christopher Castoro and Anthony Castoro acquired title from Ladon Realty Company by deed recorded 9/28/82 in Reel 1342 page 1195.
- Block 424, Lot 20, Parcel B
    - Allegretti acquired title from Northville Industries Corp. f/k/a Premium Coal & Oil Co., Inc. by deed dated 10/29/85 and recorded 11/13/85 in Reel 1721 page 261.
- Block 431, Lot 12, Parcel C
    - Allegretti acquired title from Vincy Realty Corporation by deed dated 4/30/85 and recorded 5/7/85 in Reel 1639 page 1995.
- Block 431, Lot 17, Parcel D
    - Bayside Fuel Oil Depot Corp. acquired title from Sergio Allegretti by deed dated 10/13/65 and recorded 9/25/67 in Record Liber 534 page 433.

ATTACHMENT E

SITE'S ENVIRONMENTAL HISTORY

SECTION 3 - OPERATORS

Previous site operator information is unknown.

ATTACHMENT F

CONTACT LIST INFORMATION

1. **Chairperson**
   Amanda M. Burden, AICP, Chair of the City Planning Commission and Director of Department of City Planning
   NYC Department of City Planning, 22 Reade Street,New York, NY 10007-1216

2. **Current owners on subject blocks** based on NYC Department of Finance records

   Block 431, Lot 1: MVM Holdings LLC, 31 Douglas Street, Brooklyn, NY 11231
   Block 431, Lot 2: Damian Lubrano, 456 Degraw Street, Brooklyn, NY 11231
   Block 431, Lot 5: MVM Holdings LLC, 31 Douglas Street, Brooklyn, NY 11231
   Block 431, Lot 6: Zachary Levy, 216 Court Street, Brooklyn, NY
   Block 431, Lot 7: 287 Realty Corp., 8 Warren Street, New York, NY 10007
   Block 431, Lot 43: Salim Fouerteh, 1237 Avenue T, Brooklyn, NY 11229

   Current owners on adjacent lots based on NYC Department of Finance records

   Block 417, Lot 1: Usbond Realty LLC, 60 E. 42nd St. Rm 1814,New York, NY 10165-1814
   Block 417, Lot 21: Magnifico Enterprises, 210 Douglass St. Brooklyn, NY 11217-3025
   Block 423, Lot 35: Sharon Ackerman, 976 E. 10th St. Brooklyn, NY 11230-3519
   Block 423, Lot 41: Nets Electric Tax Service, 1 Home Campus, Des Moines, IA 50328-0001
   Block 430, Lot, 35: No contact information listed
   Block 430, Lot, 36: Narwest Mtg Inc, 5024 Parkway Plaza Blvd., Charlotte, NC 28217-1962
   Block 430, Lot, 37: Mr. Flor Otero, 279 Smith St., Brooklyn, NY 11231-4739
   Block 430, Lot, 38: Juris Cimbulis, 302 Bond St., Brooklyn, NY 11231-5013
   Block 430, Lot, 39: Thomas J Giuliano, 304 Bond St., Brooklyn, NY 11231-5013
   Block 430, Lot, 42: No contact information listed
   Block 438, Lot 7: Regency Service Carts Inc., 337 Carroll St. Brooklyn, NY 11231-5007

3. **News**
   Carroll Gardens Courier
   Courier-Life, Inc., 1733 Sheepshead Bay Rd., Brooklyn, NY 11235-3606

4. **Public Water**
   New York City Department of Environmental Protection

5. **Additional Contacts**
   None

6. **Schools**
   New Horizons School
   317 Hoyt Street
   Brooklyn, NY, 11215
   Ms. Mary Lou Aranyos, Director

7. **Library**
   Carroll Gardens Branch
   New York Public Library
   Carroll Gardens
   396 Clinton St. (@ Union St.)
   Brooklyn, NY 11231

ATTACHMENT G

LAND USE FACTORS

13. **Real Property Uses**

The following map illustrates land uses in the subject neighborhood. Note the residential nature of the areas to the west and north of the subject site. The project site is located on the edge of an under-utilized industrial zone. Commercial uses are densest along Smith Street, two blocks to the west, though a number of commercial businesses are located along the adjacent Bond Street. There are no proximate urban centers or agricultural uses.

14. **Groundwater**

The potential vulnerability of groundwater to contamination that might migrate from the site is very low. Groundwater is not used for potable supply and is not proximate to any known well heads. There is a potential that groundwater has been contaminated from historical industrial uses along the Gowanus Canal.

15. **Geography and Geology**

The subject property is located in the Carroll Gardens neighborhood of Brooklyn, New York. The property comprises the majority of two blocks bounded to the north by Degraw Street, to the east by the Gowanus Canal, to the south by Union Street and to the west by Bond Street (Attachment B). The legal definition of the subject property is Tax Block 431, Lots 12 and 17 Tax Block 424, Lots 1 and 20.

Based on reports compiled by the U.S. Geological Survey, the property lies at an approximate elevation of three to ten feet above the National Geodetic Vertical Datum of 1929 (an approximation of mean sea level), depending on Site location. The approximate depth to bedrock is between 100 and 200 feet below the surface, with groundwater most likely situated approximately between five and ten feet below the surface. The expected direction of groundwater flow would be to the southeast, toward the Gowanus Canal.

Gowanus / Bayside Fuel Oil Depot Site
510 Sackett Street, Brooklyn, New York

AKRF, Inc.
440 Park Avenue South New York, NY 10016
212-696-0670

Submitted to:

Gowanus Canal JV, LLC
277 Northern Boulevard,
Suite 203
Great Neck, NY 11021

REMEDIAL INVESTIGATION WORK PLAN

Bayside Fuel Oil Depot - Bond Street Terminal

Brooklyn, New York

Project Number: 10442
BCP ID C224080

February 2006

Bayside Fuel Oil Depot - Bond Street Terminal

BCP ID No. C224080

BROOKLYN, NEW YORK

Remedial Investigation Work Plan

AKRF Project Number: 10442

Prepared for:

Gowanus Canal JV, LLC
277 Northern Boulevard, Suite 203
Great Neck, NY 11021

Prepared by:

AKRF, Inc.
440 Park Avenue South
New York, NY 10016
212-696-0670

JANUARY 2006

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Appendix A Health and Safety Plan
Appendix B Glossary of Terms Used (Acronyms)
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1.0 INTRODUCTION

The Bayside Fuel Oil Depot – Bond Street Terminal Site (the "Project" or "Site"), consisting of approximately 2.3 acres, is located at 510 Sackett Street and 267-285 Bond Street in the Carroll Gardens neighborhood of Brooklyn, New York (see Site Location Map, Figure 1). Specifically, the Site consists of Block 424, Lots 1 and 20, and Block 431, Lots 12 and 17, as shown on Figure 2. The Site is currently used for commercial purposes. It contains offices and garage buildings, a truck parking lot, and a fuel depot registered as a Major Oil Storage Facility (MOSF). The previous and present uses of properties surrounding the Site are mainly light industry, residential, and retail. These uses include truck repair businesses, a former chemical factory, commercial businesses, and residential dwellings. These properties are depicted on Figure 4.

In June 2004, Gowanus Canal JV, LLC; Hirsch Group, LLC; and Allegretti Group, LLC ("Joint Venture") submitted an application to the Brownfield Cleanup Program (BCP) of the New York State Department of Environmental Conservation (NYSDEC) for the Site. The contemplated use for the Site is mixed-use commercial and residential. The Project Site will be redeveloped with a moderate density multi-story development consisting of approximately 300,000 square feet of residential space and 20,000 square feet of retail space, a subgrade parking garage covering approximately 90 percent of the Site, and open space along the Gowanus Canal (see Figure 5). The formal Brownfield Cleanup Agreement was signed by the NYSDEC and the Joint Venture on May 12, 2005.

A Draft Phase I and Phase II Environmental Site Assessments Report, dated December 27, 2002, prepared by Galli Engineering, identified a number of on-site recognized environmental conditions (RECs) including: a 1,500,000-gallon compartmentalized petroleum storage tank; five above ground storage tanks (ASTs), and six underground petroleum storage tanks (USTs); soil and groundwater contamination from a former leaking tank, which was called in to NYSDEC as a spill; and a former coal storage area. Identified off-site RECS include vehicle maintenance and repair garages; a large manufacturing facility, which appeared to include facilities for chemical handling, and adjacent USTs. Chemical discharges from these facilities may result in contaminated groundwater flowing beneath the Site.

The Remedial Investigation Work Plan (RIWP), dated October 2005, was submitted to the NYSDEC and the New York State Department of Health (NYSDOH) in early November 2005. A copy of a NYSDEC-approved November 2005 Fact Sheet was mailed to the Citizen Participation Plan's mailing list on November 18, 2005. A copy of the Fact Sheet and the October 2005 RIWP were sent to the Document Repository, located at the Carroll Gardens Branch of the Brooklyn Public Library. The public comment period commenced on November 21, 2005 and ended on December 21, 2005. As directed by the NYSDEC, the RIWP and the Citizen Participation Plan have been revised to reflect comments from the public, the NYSDOH, and the NYSDEC.

This January 2006 Remedial Investigation Work Plan (RIWP) provides a scope of work for conducting a geophysical survey to determine the presence of underground storage tanks, for investigating the subsurface soil and groundwater beneath the Site to characterize the areas of proposed excavation, and for monitoring soil vapor to determine the presence of Volatile Organic Compounds (VOCs) in the soil along the perimeter of the Site. The specific tasks/submissions proposed for the RIWP and the Remedial Investigation Report (RIR) are listed in Table 1. The remedial investigation will be conducted in accordance with the NYSDEC Draft DER-10 Technical Guidance for Site Investigation dated December 2002. Acronyms used in the RIWP are described in the glossary provided as Appendix B. The Health and Safety Plan (HASP) presented in Appendix A includes measures to protect on-site personnel and the public from potential contaminants of concern during the implementation of the RIWP.

As required under the BCP, a Citizen Participation Plan (CPP) has been prepared and submitted along with the RIWP. The CPP includes: a schedule of activities for each Project milestone (e.g., Fact Sheet preparation and distribution, public notices, comment periods, placing documents in the document repositories), a list of project contacts, a list of public document repositories, and a public notification contact list, including local newspapers used for official notices. Regarding the completed application for acceptance in the BCP, a notice was published in the Environmental Notice Bulletin and in a local newspaper, and distributed to adjacent property owners and appropriate governmental officials. The 30-day comment period occurred between June 16 and July 16, 2004. A document repository was set up at the Carroll Gardens Branch of the Brooklyn Public Library. Pursuant to public comments received during the RIWP comment period from November 21, 2005, to December 21, 2005, a second document repository has been set up at Community Board # 6 in Brooklyn. After approval by the NYSDEC and New York State Department of Health NYSDOH, the Fact Sheet describing the RIWP and all other reports and/or documents regarding this project will be made available at the these repositories. The addresses and hours for inspecting the files are as follows:

Carroll Gardens Branch
Brooklyn Public Library
396 Clinton Street (at Union Street)
Brooklyn, NY 11231
Telephone (718) 596-6972
Monday: 1:00PM-6:00PM
Tuesday: 10:00AM – 6:00 PM
Wednesday: 1:00 PM – 8:00 PM
Thursday: 1:00 PM – 6:00 PM
Friday: 10:00 AM – 6:00 PM
Saturday: 11:00AM-3:00PM
Sunday: Closed

Community Board # 6
250 Baltic Street
Brooklyn, NY 11201
Telephone (718) 643-3027
Monday: 9:00AM-5:00PM
Tuesday: 9:00AM-5:00PM
Wednesday: 9:00AM-5:00PM
Thursday: 9:00AM-5:00PM
Friday: 9:00AM-5:00PM
Saturday: 9:00AM-5:00PM
Sunday: Closed

1.1 Site Characterization

1.1.1 Location, Legal Description, Surface Conditions

The Project Site is an approximately 2.3-acre property located at 510 Sackett Street and 267 -285 Bond Street in Brooklyn, New York. The legal definition of the property is Tax Block 424, Lots 1 and 20, and Tax Block 431, Lots 12 and 17. Figure 2 depicts the general layout of the Site.

The Site is bounded to the north by Degraw Street, to the east by the Gowanus Canal, to the south by Union Street, and to the west by Bond Street. Sackett Street bisects the Site. The Site contains five one and two-story buildings used for offices, warehouse, and truck repair purposes. With the exception of the soil over the compartmented ASTs and some small vegetated areas along the Site perimeter, the remainder of the Site is paved. The surrounding area to the north and south is primarily industrial/commercial in nature, with some residences across Bond Street to the west of the study Site. The Gowanus Canal adjoins the study Site to the east.

1.1.2 Subsurface Conditions

The surface topography at the Site slopes downward from west to the east towards the Gowanus Canal. Based on interpretation of the National Geographic Vertical Datum of 1929, the center of the Site is approximately 11 to 12 feet above the mean low water level. Data from a limited on-site subsurface investigation was performed by Galli Engineering, P.C. (Galli) in November 2002 indicated that groundwater was encountered between 9 and 11 feet below grade. The direction of groundwater flow is expected to be generally eastward, towards the Gowanus Canal. However, actual groundwater flow at the Site can be affected by many factors, including current and past pumping of groundwater, past filling activities, underground utilities, and other subsurface openings or obstructions, such as basements or underground parking garages, bedrock geology, and other factors. The groundwater in the uppermost aquifer at the Site is anticipated to be brackish. Regarding the underlying material, Galli reportedly encountered up to four feet of "demolition fill material," underlain by fine sand and silt loam, interbedded with clay layers. Galli did not encounter bedrock in the Geoprobe® borings. Based on U.S. Geological Survey Open-File Report 81-1186, the approximate depth to bedrock is 150 feet below ground. Galli further stated that the Site is located within a 100-year Flood Zone, noted by the Federal Emergency Management Agency.

1.2 Proposed Development

The proposed Project includes the construction of new buildings that would include parking and mechanical space at the cellar levels. The parking garage would extend to encompass approximately 90 percent of the Site. The contemplated use for the Site is mixed-use commercial and residential. Planned development of the Project Site consists of moderate density multi-story development. The plan consists of approximately 300,000 square feet of residential and 20,000 square feet of retail space. The building would consist of one sub-grade level as a parking garage, which would contain a ventilation system to address vehicle exhaust. The Site would be nearly entirely covered except for a corridor of open space along the Gowanus Canal for public use. The proposed development of the Site is shown on Figure 5.

Development of the Contemplated Use would consist of excavation of soil above the groundwater table to a depth of approximately 8 to 10 feet below current grade, which is approximately 1.5 feet above the mean water level in the canal. Limited additional excavation for footings or pile caps may be required.

1.3 Site History

The regulatory databases, Fire Department records, electronic Building Department records, historical land-use maps, and visual inspections indicate that the Site historically was used for industrial purposes, including a coal yard, truck rental and auto and truck repair. Aboveground and underground storage tanks were identified on the Project Site for the storage of gasoline, fuel oil, kerosene, and unknown contents. The locations of the suspected and known underground storage tanks and aboveground storage tanks are depicted on Figure 3. These known and suspected aboveground storage tanks and underground storage tanks were based on previous investigation reports, AKRF's observations, and historical Sanborn Maps. Historical Sanborn Fire Insurance Maps were reviewed to evaluate previous land use at the Site.

Block 424, Lots 1 and 20 comprised a coal yard, a box factory, one or more dwellings, and stores from prior to 1886 through at least 1939. A small garage was present near the corner of Sackett Street and Bond Street from circa 1915 through at least 1939. A wood box manufacturer occupied

the majority of Lots 1 and 20 in 1950. A coal yard was shown in the southeastern corner of the property and a gas tank was indicated near the southeastern corner. The coal yard and gasoline tank were still shown in the southeastern corner of the Site circa 1969, and the remainder of the parcels comprised parking with an auto repair building and a gasoline tank on the northwestern corner. Circa 1979 through at least 2002, the parcels remained largely unchanged, except the garage was labeled as "Ryder Truck Rental" and the associated gasoline tank was no longer shown.

Block 431, Lots 12 and 17 comprised mainly a coal and wood yard with associated buildings from prior to 1886 to at least 1939. By 1950, the Site approximately reflected the current configuration and has been used as an oil terminal, motor freight station, two garages and an auto repair business. Two gasoline tanks are shown in a garage on the southern end of Lot 17. From prior to 1969 through at least 2002, the Site remained unchanged from the 1950 map except the garage located on the corner of Bond Street and Sackett Street was shown as a factory.

1.4 Previous Investigations

1.4.1 Underground Storage Tank Removal

In November 1998, A Cleaner Environment (ACE) directed the removal of fourteen 550-gallon USTs from the northern area of the study Site. The tank removal activities were documented in a Tank Closure Report, dated February 17, 1999, and provided as Appendix C to the Draft Phase I and Phase II Environmental Site Assessments report dated December 27, 2002. (A summary of this report is included in Section 1.4.2.) Ten of the tanks reportedly contained diesel fuel and four of the tanks contained kerosene.

The tanks and all associated pipes, fills, pumps and vents were reportedly cut, cleaned and removed at this time. ACE collected endpoint soil and water samples from within the tank excavation, and seven soil samples and three water samples were submitted for laboratory analysis of STARS-list volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs). Based on soil staining, odor, and elevated PID readings, ACE directed 120 yards of impacted soil excavated and disposed of as non-hazardous. **Endpoint soil samples collected after tank and contaminated soil removal reportedly contained concentrations of VOCs below NYSDEC's Technical and Administrative Guidance Memorandum (TAGM) #4046 Recommended Soil Cleanup Objectives (RSCOs) concentrations of polycyclic aromatic hydrocarbons (low parts per million) slightly above RSCOs, but typical of urban fill material.**

Two spills were reported to NYSDEC in November 1998 (No. 9809650 on November 2, 1998 and No. 9810785 on November 25, 1998). Spill No. 9809650 was closed on November 4, 2002. According to the ACE Tank Closure Report, the fourteen former underground storage tanks were removed during the week of November 30, 1998. The ACE report references the Project Site as a "spill location," though the report makes no reference to a specific spill number. Spill No. 9810785 was likely reported during the underground storage tank removal; however, this spill number remains active.

1.4.2 Phase I and Phase II Environmental Site Assessments

Phase I and Phase II Environmental Site Assessments were performed at the Site by Galli Engineering, P.C. (Galli) in 2002. The investigation results were presented in a report entitled Draft Phase I and Phase II Environmental Site Assessments, dated December 27,

2002. A copy of this report was forwarded to NYSDEC by Galli on March 5, 2003. The Phase I included the following information:

- Lots 1 and 20 were used for truck repair, offices, and a parking lot. Two 275-gallon fuel oil aboveground storage tanks were noted in the office and one 275-gallon fuel oil AST was noted in the garage. A coal yard was formerly present on Lot 20.
- The Major Oil Storage Facility on Lot 17 includes a 1,500,000-gallon compartmented tank surrounded by an earthen berm and concrete wall. The compartmented tank contains five aboveground storage tanks: 500,000-gallon #2 fuel oil, 400,000-gallon #2 fuel oil, 300,000-gallon diesel fuel, 200,000-gallon kerosene, and 100,000-gallon #2 fuel oil. The tanks are filled via supply vessels on the Gowanus Canal, and used to distribute to supply trucks. A cathodic protection system was installed in 1989 and tested in 2002. The tanks passed tightness testing in 2001. Three monitoring wells at the perimeter of the aboveground storage tank berm were reportedly sampled for benzene, toluene, ethylbenzene, and xylene (BTEX) and SVOCs in 2002 with no parameters detected.
- One 1,000-gallon fuel oil underground storage tank was identified near the offices on Lot 17. The tank is reportedly an epoxy-lined steel tank installed in 1947.
- One steel 4,000-gallon gasoline underground storage tank and dispenser pump was noted in the warehouse on Lot 12. The tank was installed in 1979 and was reportedly regularly tested. Two fuel oil aboveground storage tanks were also identified in the warehouse.
- Many off-site spills were reported that may have affected the soil and/or groundwater in the study area. Numerous RCRA generator/transporters and chemical and petroleum bulk storage facilities are reported in the vicinity. These facilities are considered potential sources of contamination.
- Sanborn Maps indicate that the block adjoining the subject block to the south was used for industrial purposes from 1886 to 1996, including a foundry, auto repair and auto wrecking, and coal storage. The Gowanus Canal was depicted adjoining the study Site to the east since at least 1886. Sanborn Maps were not included for the adjoining properties to the west and north.

Galli's Phase II Subsurface Investigation consisted of five Geoprobe® soil borings. The locations of the borings are depicted on Figure 3. Five soil samples from unknown depths and five groundwater samples were submitted for laboratory analysis of VOCs, Base-Neutral SVOCs, and Priority Pollutant Metals. Groundwater was identified at a depth of 9 to 11 feet below grade.

Evidence of petroleum contamination was encountered at boring location GP-1 (also known as soil sample 1-S), located in the north-central portion of the block. Petroleum-related VOCs were detected in soil collected from GP-1 at concentrations above the TAGM #4046 RSCOs. Boring GP-1 was located adjacent to the east of the area where the fourteen underground storage tanks were removed in 1998. Although the concentrations of petroleum-related VOCs detected in GP-1 were orders of magnitude greater than those detected in the tank removal endpoint soil samples, it is possible that the contamination detected in GP-1 is related to the former underground storage tanks, as there are no other known sources in the immediate vicinity.

Boring GP-5 was located in a former coal storage area. Elevated SVOC, chromium, nickel, and zinc levels were reported in the soil above the TAGM #4046 RSCOs. No SVOCs were detected in the groundwater sample from GP-5. However, elevated concentrations of toluene and various metals were identified in the groundwater at this location.

1.4.3 Spill Investigation

At the request of NYSDEC, AKRF submitted a Spill Investigation Work Plan to address Spill Nos. 0208144 and 98010785 to Mr. Timothy DeMeo of the NYSDEC on January 14, 2004. The work plan proposed investigation activities to delineate petroleum contamination in the vicinity of boring GP-1. Since the spill-related work plan has not been approved to date, AKRF (with the concurrence of NYSDEC) is incorporating this investigation as part of the overall Site investigation conducted in the Brownfields Cleanup Program. A copy of the work plan is included in this document as Appendix C.

2.0 PROPOSED SITE INVESTIGATION

The objective of the remedial investigation is to gather data on-site that will be used to guide remediation and construction, and be useful in guiding further investigations or interim remedial measures. To accomplish this objective, AKRF will perform the following scope of work:

- Perform an electromagnetic survey across portions of the Site where underground storage tanks are suspected, followed by the use of ground penetrating radar, where indicated;
- Investigate large-scale geophysical anomalies and remove any underground storage tanks and contaminated soil encountered;
- Install 24 soil borings across the Site. Collect two soil samples for laboratory analysis from each of the borings;
- Install 14 new groundwater monitoring wells at 11 of the soil boring locations. Collect groundwater samples for analysis from the 11 new groundwater monitoring wells and the 3 existing groundwater monitoring wells; and
- Install five soil vapor probes (gas monitoring wells) and collect samples for analysis.

This work will be performed in accordance with industry standards to ensure the safety of all invasive work and the structural integrity of excavations and structures that may be affected by those excavations (such as adjacent building foundations). All intrusive remedial investigation activities will be conducted under the observation of qualified AKRF personnel. In addition, all groundwater monitoring wells, soil borings, test pits, tanks, and other pertinent features will be accurately located to existing Site features and surveyed as necessary. This has been be performed by a Registered Land Surveyor licensed to practice in the State of New York (see Figure 7) and will be updated to include the aforementioned sampling locations and on-site RECs for inclusion in the RIR.

2.1 Geophysical Investigation and Remediation

An electromagnetic survey will be conducted across the entirety of accessible areas of the Site, excluding the 1,500,000-gallon MOSF tank. The geophysical survey will be performed in accordance with Section 2.1.1. If geophysical anomalies and potential underground storage tanks are detected, appropriate equipment will be mobilized to excavate in the vicinity of the anomalies, in accordance with the protocol presented in Section 2.1.2. Any underground storage tanks identified during the geophysical investigation will be properly registered.

2.1.1 Geophysical Survey

The geophysical survey will be completed by using a combination of electromagnetic (EM) induction metal detector and ground penetrating radar (GPR) surveys. The EM and GPR survey methods are able to detect anomalies in subsurface conductivity caused by the presence of buried metal objects and changes in soil characteristics. The cause of these anomalies will then be inferred based on knowledge of previous land usage and observed Site conditions. Target areas will be surveyed on transects at 20-foot intervals to detect any subsurface anomalies. Gradiometer magnetometry will also be considered to enable distinction of the magnitude and depth of metallic objects in the subsurface. AKRF will defer to the geophysical survey technician's judgment regarding the usefulness and reliability of the data collected on lots filled with construction and demolition debris. The locations of any readings will be marked on the pavement or ground and recorded on a Site diagram.

In areas covered with steel-reinforced cement concrete, such as building floors and outside concrete pads, the use of EM and GPR may not be effective. If this occurs, a radio detection multi-frequency receiver and transmitter will be used to locate the metal lines, such as tank fill pipes and the vent line. The multi-frequency transmitter can be directly connected to the target line (e.g., fill line, vent pipe), and the receiver is used to get the signal from the "engergized lines." In the case where a fill line or vent pipe is not visible, a TW-6 device that contains a transmitter and receiver will be used.

2.1.2 Geophysical Anomaly Investigation

All tanks that are discovered will be cleaned and removed in accordance with all federal, State, and local requirements, as detailed in the RIWP. Prior to excavation, AKRF will contact the New York City/Long Island One Call Center (800-272-4480) to have the utilities marked out around the Site.

The approximate location of each geophysical anomaly will be marked on the asphalt surface with spray paint. The work area will be cordoned off with safety tape/construction fencing or other appropriate barricades to prevent pedestrian or vehicular traffic during excavation.

An excavator and crew will be mobilized to investigate the potential underground storage tanks and other unexplainable large-scale geophysical anomalies (unexplainable areas are those that are not associated with known structures, e.g., manholes, utility lines, transformer vaults). At each anomaly or suspected tank location, the excavator will be directed by AKRF personnel to fully explore and identify the cause of the anomaly (i.e., a pit will be excavated approximately ten feet beyond the outermost anomaly markout and approximately ten feet deep).

Geophysical Anomalies

If there is reason to believe that contamination is associated with any other buried objects encountered during excavation activities, the suspect materials (sludge, liquid, or solids) and any suspected affected media (soil and/or groundwater) will be sampled for appropriate waste disposal characteristics. Contaminated material will be stockpiled on plastic sheeting and, if the soil will remain on-site overnight, the stockpile will be covered with plastic sheeting in accordance with Section 3.1.2. Excavated soil, sand, and/or gravel exhibiting photoionization detector (PID) readings of less than five parts

per million (ppm) and no other evidence of contamination will be segregated in a separate stockpile for possible use as backfill. Lateral excavation will be terminated once all noticeably contaminated soil has been removed from the excavation walls, vertical excavation will be terminated once all noticeably contaminated soil has been removed from the excavation bottom (or until bedrock or the water table is encountered), whichever is shallower. Excavated soil will be managed in accordance with Section 3.0.

Once excavation appears complete, the number and locations of endpoint samples will be collected consistent with the guidance in Section 3.9(a)(3) of "Draft DER-10 Technical Guidance For Site Investigation and Remediation," dated December 2002. Samples will be analyzed for STARS volatile organic compounds (VOCs) and MTBE using EPA Method 8021, and STARS semivolatile organic compounds (SVOCs) using EPA Method 8270. Table 3 summarizes the laboratory methods that will be used to analyze the samples and the sample container type, preservation, and applicable holding times.

Underground Storage Tank Removal

All appropriate authorities, including NYSDEC and the New York City Fire Department, will be notified of tank removal activities, as required by law. All applicable permits will be obtained before commencing any work, including temporary closure of sidewalks and/or access roads. All work will be accomplished in accordance with federal, State, and local requirements and accepted safety standards, and will be performed in accordance with the specifications provided in the STET (Appendix A).

If tank entry is necessary to carry out the recommended tasks, the procedures outlined in American Petroleum Institute (API) Publications 2015, 2015A, and 2217; Recommended Practice 1631; and applicable OSHA standards for confined space entry shall be followed. All the tanks will be closed and removed according to the most current API Recommended Practice 1604, and any applicable federal, State and local regulatory agency requirements.

The following subsections are for guidance purposes only, and should be used only as a reference to requirements and recommendations.

Tank Preparation

The liquid product from any piping will be drained into each tank. Piping from each tank will be disconnected. If applicable, piping will be disconnected and capped with non-shrinking concrete plaster where it enters the building. The liquid product from each tank will be emptied using either an explosion proof or air-driven pump or vacuum truck and will be disposed of in accordance with applicable federal, State, and local regulations and the Investigation-Derived Waste Management Plan (Section 3.0).

Initially, the paved surface and soil from above and around the tanks will be excavated and stockpiled in an area designated for uncontaminated soils in accordance with Section 3.0. The area above the top of each tank will be excavated; if necessary, hand-excavation techniques will be employed in the immediate vicinity of each tank. Drop tubes, fill pipes, gauge pipes, and any other tank fixtures, except the vent lines, will be removed and then all openings will be plugged. The vent lines will remain connected until the tank is purged. Each tank will be purged of all flammable vapors using a method outlined in API Recommended Practices 1604. During purging of each tank, the work area will be monitored for flammable vapors with a CGI or equivalent instrumentation. If the

monitoring shows flammable, toxic, or oxygen-deficient conditions, corrective action will be taken, as specified by the HASP (Appendix A).

In the absence of a manway, an access hole will be cut into each tank for the removal of residual liquids and solids after CGI readings show a nonexplosive atmosphere within the tank (i.e., less than 10 percent of the LEL or oxygen levels that cannot sustain a fire). Only non-sparking tools will be used for cutting the required access hole. The tanks will then be removed from the ground and placed on an 8-millimeter plastic liner. All associated piping will be removed from the ground and placed on the liner.

Tank Cleaning

If liquid is present in the tank (petroleum, petroleum-water mixture or other liquid), it will be pumped into New York State Department of Transportation (DOT)-approved drums or a vacuum truck, transported by a licensed Past 364 Permit hauler, and disposed of in accordance with applicable federal, State, and local regulations. The tanks will be cleaned of residual liquids and sludge. All tank cleaning activities will meet the requirements of OSHA 29 CFR 1910.146 for confined space entry. Contaminated sand which may have been used to close the tanks will be segregated and stockpiled on plastic sheeting and, if the soil will remain on-site overnight, the stockpile will be covered with plastic sheeting in accordance with Section 3.1.2. Any clean sand will be stockpiled with clean, excavated soils. If the tanks have been closed with concrete or foam, they will be treated as a single item and no attempt will be made to clean the inside. Any removed liquids and/or sludge, along with spent cleaning materials and/or personal protection equipment, will be placed in DOT-approved drums for proper off-site disposal in accordance with Section 3.0.

Tank Removal

If encountered, any overlying concrete pad and underlying concrete tank support structures or vaults will be removed. Contaminated concrete will be stockpiled in a separate pile and managed in accordance with Section 3.1.2. Uncontaminated concrete will be managed as construction/demolition debris in accordance with Section 3.0. Tanks and all associated piping will be removed from the ground and placed on 8-millimeter polyethylene plastic. The outside of the tanks will be cleaned and inspected for integrity. The appropriate local authorities will be contacted for any required inspections. Each removed and cleaned system will be disposed of at an appropriate off-site facility or scrap dealer.

Soil surrounding the tank will be monitored for contamination using a PID and visual and olfactory inspection. Soil exhibiting PID readings greater than five ppm above background and/or obvious odors or staining will be stockpiled for testing and subsequent off-site disposal (along with any contaminated sand removed during tank cleaning). Contaminated material will be stockpiled on plastic sheeting and, if the soil will remain on-site overnight, the stockpile will be covered with plastic sheeting in accordance with Section 3.1.2. Excavated soil, sand, and/or gravel exhibiting PID readings of less than five ppm and no other evidence of contamination will be segregated in a separate stockpile for possible use as backfill. Lateral excavation will be terminated once all noticeably contaminated soil has been removed from the tank pit walls; vertical excavation will be terminated once all noticeably contaminated soil has been removed from the tank pit bottom or until bedrock or the water table is encountered, whichever is shallower. Excavated soil will be managed in accordance with Section 3.0.

The number and location of endpoint samples to be collected for analysis for soil around tanks and associated piping will be consistent with the guidance provided in Sections 3.9(a)(3) and 3.9(a)(5), respectively, of "Draft DER-10 Technical Guidance For Site Investigation and Remediation," dated December 2002. Samples will be analyzed for STARS VOCs and MTBE using EPA Method 8021, and STARS SVOCs using EPA Method 8270.

2.2 Soil and Groundwater Investigation

The subsurface investigation will be performed to determine the presence and nature of potential contamination in the soil and groundwater beneath the Site. The proposed initial investigation consists of the advancement and sampling of 24 borings. Eleven of the borings will be converted into shallow groundwater monitoring wells, and STET additional deep groundwater monitoring wells will be installed. (The three locations where the deep groundwater monitoring wells will be installed will not require soil samples.) These 14 groundwater monitoring wells and the 3 existing wells (if found to be operable and functional) around the 1,500,000-gallon tank will be sampled. The proposed locations of the soil borings and groundwater monitoring wells are shown on Figure 3. Soil boring and groundwater monitoring well locations were selected based on suspected or known tanks and areas of known or suspected soil contamination, in order to assess groundwater conditions across the Site. Monitoring well locations will be surveyed to determine groundwater flow direction. The perimeter well locations will assist in determining the potential for off-site contaminants to migrate on-site and for possible on-site contaminants to flow off-site, as well as general groundwater conditions across the Site. The proposed locations of the soil borings and groundwater monitoring wells are shown on Figure 3. The construction details of the three existing monitoring groundwater monitoring wells are not known. These wells will be sounded and the depth of groundwater ascertained. If acceptable, these wells will be sampled for petroleum-related chemical compounds as a check on the MOSF compartmentalized tank. Locations may be offset due to unexpected conditions in the field such as utilities and surface or subgrade obstructions. Prior to the commencement of drilling, utility mark-outs will be requested from the New York City/Long Island One Call Center (telephone number 800-272-4480).

2.2.1 Soil Boring Installation

The 24 borings will be advanced using a 4¼-inch internal diameter hollow stem auger rotary drill. The 11 soil borings not intended for completion as groundwater monitoring wells will be advanced to approximately 2 feet beyond the groundwater table or to the bedrock surface, whichever is shallower. The 11 soil borings intended for completion as groundwater monitoring wells will be advanced to approximately five to eight feet beyond the groundwater table, if possible. Groundwater is anticipated at a depth of eight to ten feet below the ground surface.

A stainless steel, 24-inch split-spoon sampler will be driven through the subsurface ahead of a hollow-stem auger to approximately two feet beyond the groundwater table. Soil sampling will begin beneath any building floor slabs, outside concrete pads, or asphalt concrete (pavement). Soil samples will be collected on a continuous basis using split-spoon samplers until two feet beyond the groundwater table, and every five feet thereafter. Each sample will be logged and screened for organic vapors using a PID by AKRF field personnel.

One or two soil samples from each of the borings will be selected for laboratory analysis based on PID response and visual and olfactory indications of contamination. The depth intervals of samples collected will be determined based on trends observed in the field. In the absence of contamination, one soil sample will be collected from the soil-groundwater interface. (Since the entire Site will be excavated, soil samples near the surface are not required, unless contamination is indicated, as discussed above.)

Drilling cuttings and decontaminatSTET water will be containerized and handled as described in Section 3.1.1. Boreholes will be grouted with a bentonite-cement slurry upon completion. Soil sampling equipment (split spoons) will be decontaminated between samples, and augers will be decontaminated between soil boring locations as described in Section 4.2.2.

2.2.2 Soil Sample Collection

Certain soil samples will be submitted for laboratory analysis of target compound list (TCL) volatile organic compounds (VOCs), TCL semi-volatile organic compounds (SVOCs), target analyte list (TAL) metals, polychlorinated biphenyls (PCBs), and pesticides. The remaining soil samples will not be analyzed for PCBs and pesticides. Table 3 summarizes the laboratory methods that will be used to analyze laboratory samples as well as the sample container type, preservation, and applicable holding times. Tables 2A and 2B the borings and the chemical analyses for the soil sample(s) from each boring.

Soil sampling will be conducted according to the following procedures and the sample handling procedures outlined in Section 4.2.4:

- Characterize the sample according to the modified Burmister soil classification system. The modified Burmister system complies with the New York State Department of Transportation soil description procedure (NYSDOT Soil Mechanics Bureau STP-2, dated December 1994).
- If advancing soil borings, collect a sample of soil from each vertical location and place in labeled sealable plastic bags. Place the plastic bags in a chilled cooler to await selection of samples for laboratory analysis.
- After selecting which samples will be analyzed in the laboratory, fill the required laboratory-supplied sample jars with the soil from the selected sampling location or labeled sealable plastic bags. Seal and label the sample jars as described in Section 4.2.4 and place in an ice-filled cooler.
- Decontaminate any soil sampling equipment between sample locations as described in Section 4.2.2.
- Record boring number, sample depth and sample observations (evidence of contamination, PID readings, soil classification) in field log book and boring log data sheet, if applicable.

2.2.3 Groundwater Monitoring Well Installation

Monitoring wells will be installed at 11 of the 24 soil boring locations and at 3 additional locations as deep wells. The monitoring wells will be installed within the soil borings as described as follows, and will consist of two-inch internal diameter Schedule 40 PVC

casing. Once reaching the desired depth, monitoring wells will be installed in the borings according to the following procedure:

- Measure the depth to water in the open hole using a Solinst Water Table Meter – Model 101 or equivalent.
- Each monitoring well will be constructed with a two-foot solid pipe segment at the base to function as a sediment trap. A cap will be placed over the base of the trap.
- Place PVC riser with a ten-foot length of PVC 0.10-slotted screen at the bottom of the borehole. In determining the amount of screen that will be located beneath the water table, the elevation of the seasonal water table will be considered. The well screen will be situated to provide sufficient water in the well for sampling at all times and to limit sample collection close to the base of the well. It is anticipated that at least seven feet of screen will be placed below the water table for each shallow well. For the deep wells, the bottom of the ten foot screen will be placed 17 feet below the water table.
- Install No. 1 sand filter pack around the well screen to a depth of one to two feet above the top of the screen.
- Install a bentonite seal to a depth of one to two feet above the filter pack.
- Backfill the remainder of the annular space using a bentonite-cement grout.
- Complete the well with a locking cap and flush-with-grade curb box set in concrete. Provide a concrete apron around the curb box to direct run-off away from the well.
- Decontaminate the augers prior to and following installation of each well as described in Section 4.2.2.
- Document well installation data (location, depth, construction details, water level measurements) in the field log book or on field data sheets.

2.2.4 Groundwater Monitoring Well Development

Following well installation, the wells will be developed according to the following procedure:

- Measure the depth to water using an electric water level indicator (or oil/water interface probe, if appropriate) and the total depth of the well using a weighted tape. Use these measurements to calculate the length of the water column. Calculate the volume of water in the well using 0.163 gallons per foot of water column as the conversion factor for a 2-inch diameter well.
- Develop the well using a submersible pump and discharge the water to 55-gallon drums designated for well development water. Discharged water may also be collected in five-gallon buckets and subsequently transferred to a 55-gallon drum. Surging will be employed during development to remove finely-graded material from the sand pack, the adjacent formation, and the well.
- During development, collect periodic samples and analyze for turbidity and water quality indicators (pH, temperature, dissolved oxygen, reduction-oxidation potential, and specific conductivity) with measurements collected approximately every five minutes.

- Continue developing the well until turbidity is less than 50 nephelometric turbidity units (NTUs) for 3 successive readings and until water quality indicators have stabilized to within 10 percent for pH, temperature, and specific conductivity for 3 successive readings, or until 3 well volumes have been purged from the well.
- Document the volume of water removed and any other observations made during well development in the field log book or on field data sheets.
- Decontaminate the equipment prior to and following development at each well location as described in Section 4.2.2.

All well development water, decontamination, and purge water will be containerized in 55-gallon drums and handled as described in Section 3.0.

2.2.5 Groundwater Monitoring Well Sampling

Groundwater samples will be collected at least one week following well development. As mentioned above, the three existing on-site wells, if found to be acceptable, will be sampled for VOCs, SVOCs, and TAL metals only, as a check on the integrity of the MOSF compartmentalized tank. Groundwater samples from designated upgradient and downgradient groundwater monitoring wells will be submitted for laboratory analysis of target compound list (TCL) volatile organic compounds (VOCs), TCL semi-volatile organic compounds (SVOCs), total target analyte list (TAL) metals, polychlorinated biphenyls (PCBs), and pesticides. The remaining interior groundwater monitoring wells will be sampled for VOCs, SVOCs, and TAL metals. All groundwater samples will also be submitted for analysis of dissolved TAL metals and chloride. One groundwater monitoring well will be sampled for New York City Department of Environmental Protection discharge parameters, as shown on Table 5. Table 3 summarizes the laboratory methods that will be used to analyze laboratory samples as well as the sample container type, preservation, and applicable holding times. This table also lists the monitoring wells and the chemical analysis for each well sample.

Low flow sampling techniques will be used based on the guidance in the USEPA Region II's Ground Water Sampling Procedure for Low Stress (Low Flow) Purging and Sampling dated March 16, 1998. Sampling will be conducted according to the following procedure and the sample handling procedures outlined in Section 4.2.4:

- Remove the locking cap and measure the vapor concentrations in the well with a PID.
- Measure the depth to water and total well depth. If evidence of contamination (e.g., oil-like product, staining, sheens, odors) is detected during drilling, check for the presence of light non-aqueous phase liquid (LNAPL) or dense non-aqueous phase liquid (DNAPL) using an oil/water interface probe. Measure the thickness of NAPL, if any, and record in field book and well log. Collect a sample of NAPL using a disposable plastic weighted bailer or similar collection device. Groundwater samples will not be collected from wells containing measurable NAPL.
- Use the water level and total well depth measurements to calculate the length of the mid-point of the water column within the screened interval. For example, for a shallow well where the total depth is 15 feet, screened interval is 5 to 15 feet, and depth to water is 7 feet, the mid-point of the water column within the screened interval would be 11 feet. Similarly, for a deep well where the total depth is 40 feet,

screened interval is 30 to 40 feet, and depth to water is 15 feet, the mid-point of the water column within the screened interval would be 35 feet.

- Connect dedicated tubing to either a submersible or bladder pump and lower the pump such that the intake of the pump is set at the mid-point of the water column within the screened interval of the well. Connect the discharge end of the tubing to the flow-through cell of a Hydrolab Quanta (or equivalent) multi-parameter meter. Connect tubing to the output of the cell and place the discharge end of the tubing to a 55-gallon drum designated for well-purge water. Discharged water may also be collected in five-gallon buckets and subsequently transferred to a 55-gallon drum.
- Activate the pump at the lowest flow rate setting of the pump.
- Measure the depth to water within the well. The pump flow rate may be increased such that the water level measurements do not change by more than 0.3 feet as compared to the initial static reading. The well-purging rate should be adjusted so as to produce a smooth, constant (laminar) flow rate and so as not to produce excessive turbulence in the well. The expected targeted purge rate will be around 500 milliliters per minute and will be no greater than 4 liters per minute.
- During purging, collect periodic samples and analyze for water quality indicators (e.g., pH, specific conductivity, temperature, oxidation-reduction potential [ORP], turbidity, and dissolved oxygen) with measurements collected approximately every five minutes.
- Continue purging the well until turbidity is less than 50 NTU and water quality indicators have stabilized to the extent practicable. The criteria for stabilization will be three successive readings for the parameters and criteria outlined in Tables 2A and 2B.
- If the water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within 2 hours, purging may be discontinued. Efforts to stabilize the water quality for the well must be recorded in the field book, and samples may then be collected as described herein.
- After purging, disconnect the tubing to the inlet of the flow-through cell. Collect groundwater samples directly from the discharge end of the tubing, and place into the required sample containers. Samples should be collected first for VOCs, then SVOCs, PCBs, and the remaining inorganic analyses. Label the containers and place in a chilled cooler as described in Section 4.2.4.
- Collect one final field sample and analyze for water quality parameters (pH, specific conductivity, temperature, ORP, turbidity, and dissolved oxygen).
- Once sampling is complete, remove the pump and tubing from the well. Disconnect the tubing and place it back in the well for reuse during the next sampling event.
- Decontaminate the equipment used, including the pump, water level indicator, oil/water interface probe, and flow-through cell as described in Section 4.2.2.
- Record all measurements (depth to water, depth to NAPL, water quality parameters, turbidity), calculations (well volume), and observations in the project log book and/or field data sheet.

2.2.6 Delineation Soil Boring

If contaminated soil is detected in soil borings, additional investigation will be performed to delineate the extent of the contamination on-site. Where similar contamination is detected in the same stratum in two neighboring sampling locations, and it is deemed likely that the contamination is continuous, then it will be assumed that the contamination is continuous between those two points and no additional testing will be performed in that area. Similarly, if contamination is detected at a sampling location near the Site boundary, then it may be assumed that the contamination extends to the boundary of the Site.

Soil contamination will be delineated using the drilling and sampling procedures described in Sections 2.2.1 and 2.2.2. If the soil contamination is readily detected visually and by field screening, the initial delineation may be performed by screening soil in the field, and laboratory analysis results will be used for confirmation. Starting from each soil sampling location where soil contamination was detected, an initial delineation sampling point will be located at a distance of approximately 25 feet in each direction (north, south, east, or west) in which the extent of the contamination is undetermined. If contamination is detected by field screening in any of the initial soil sampling locations, sampling will be performed at additional sampling locations at approximately 25-foot intervals until a location is reached where no contamination is detected by field screening, or to the property boundary. If the contamination appears to extend off-site, a separate plan will be submitted for off-site delineation.

2.2.7 Surface and Groundwater Level Measurements

The Gowanus Canal and the groundwater beneath and around the Site appear to be tidally influenced and/or further influenced by pumping or circulating operations on the canal. Synoptic ground and surface water levels will be continuously collected over a two-day period, using data logging pressure transducers (or similar devices) at four NYSDEC-selected on-site groundwater monitoring well locations and one location along the Gowanus Canal, during a fair weather period. These water level measurements and groundwater flow determination will take into account activities in the area which affect flow direction, such as local dewatering activity and/or steady rate, variable rate, or seasonally operated pumping wells.

2.2.8 Off-Site Investigation Activities

There are presently no off-site investigation tasks listed in the Remedial Investigation Work Plan (RIWP). The Remedial Investigation (RI) includes on-site tasks (e.g., surficial and subsurface soil analysis, groundwater analysis, soil vapor [soil gas] analysis, and groundwater monitoring well water measurements) that will be used to determine the presence of on-site contaminants and whether these contaminants are leaving the Site. The RI will also evaluate samples of surface water and sediment collected at or near the Site by Keyspan Corporation (see Figure 8 and Appendix G). If contaminants are leaving the Site, and if directed by NYSDEC, the Applicant will submit a proposed Supplemental Off-Site Investigation Plan to the NYSDEC and NYSDOH for review. The approved Supplemental Investigation will then be undertaken.

2.3 Soil Vapor (Gas) Investigation

Six soil vapor (gas) probes will be installed along the perimeter of the Site, two each (one shallow, one deep) at two locations and one deep probe at two other locations. The proposed locations are shown on Figure 3. Some of these locations are based on suspected or known tanks or areas of potential soil or groundwater contamination with volatile organic compounds (VOCs). Other locations are based on potential receptors. The perimeter vapor probes will assist in determining the potential for off-site migration of the VOCs in the on-site soil and the groundwater leaving the Site. Locations may be offset due to unexpected conditions in the field such as utilities and surface or subgrade obstructions.

The collected soil vapor (gas) samples will be submitted for laboratory analysis of VOCs by EPA Method TO-15. In addition to the soil gas samples, during each day of sampling, one background air sample will also be taken during the same period. A duplicate sample will be taken at one vapor probe location to serve as a MS/MSD. One of the laboratory-prepared Summa canisters will be selected at random in the field to serve as a trip blank. This canister will be filled with certified clean air upon return to the laboratory and analyzed with the other samples. Table 3 summarizes the laboratory methods that will be used to analyze laboratory samples as well as the sample container type, preservation, and applicable holding times.

2.3.1 Soil Gas Vapor Probe Installation

The soil (gas) vapor probes will consist of a one-inch diameter anchor point connected to 3/8-inch stainless steel implant, 6 inches in length. The implant is connected to 3/16-inch Teflon tubing, which extends upward to the surface. Around the anchor and the implant, the entire borehole will be filled with a coarse sand or glass beads to a minimum vertical thickness of six inches to prevent clogging. Above the implant, the borehole will be backfilled with at least 36 inches of hydrated bentonite to provide a seal to ensure the collection of a representative sample and to prevent short-circuiting via the surface. Clean fill, sand, or hydrated bentonite chips will used as backfill up to three feet from the surface. The final three feet will consist of two feet of hydrated bentonite chips and about one foot of concrete surrounding a seven-inch diameter flush mount road box set. The top of the box will be at surface elevation. The typical vapor probe section view is shown in Figure 6. Shallow wells will be screened at a depth of five to 5.5 feet below the surface. For well locations near existing basement, the deep wells will be screened either from 12 to 12.5 feet below the surface, or approximately 2 feet above the high groundwater level, whichever is shallower. At locations where existing basements are not present, the vapor probes will be located approximately two feet above the high groundwater level.

The following procedure will be followed:

- At the beginning of the installation process, if needed, the Site is prepared by drilling with a concrete bit if drilling through asphalt or cement concrete.
- The anchor is attached to a 1¼-inch push rod and driven into the ground using a Geoprobe®. The implant is connected to the tubing and is lowered into the hole. The tubing implant is then turned until the bottom of the implant connects to the anchor.
- The push rod is then raised approximately six inches and coarse sand or glass beads are poured into hole via the hollow center of the rod. The rod is then raised three feet and hydrated bentonite chips are poured into the hole though the rod. The rod is then raised gradually, while clean fill or sand is placed in the hole.

- Within three feet of the surface, the hole is filled with hydrated bentonite chips to within approximately one foot of the surface.
- A seven-inch flush mount road box is placed on the hole and backfilled with concrete, so that the top is at ground level. The well will be allowed to set overnight.

If the soil is such that geoprobes cannot be used, the hole will be drilled with a hollow-stem auger. The auger will drill to the approximate depth of the top of the implant. A split spoon is then inserted, driven six inches, and withdrawn. The anchor (serving as a weight), implant, and tubing will be lowered through the center of the auger. The backfilling will follow the same procedure as that of the geoprobe as described in the preceding paragraph. For shallow holes, the auger may be withdrawn; the anchor, implant, and tubing will then be lowered into the hole; the hole will be backfilled using the same materials and thicknesses discussed above. If the soil is loose or it appears that the borehole may collapse, then the procedure for the deep hole will be used.

2.3.2 Soil Vapor Probe Purging, Seal Integrity Check, and Sample Collection

Sampling will not occur until the day after the implant is installed; this will allow for the well to set. The initial step combines the well purging and the verification of the integrity of the soil vapor probe seal. This process involves creating a confined or sealed space around the tubing and the bentonite at the top of the well and introducing an inert tracer gas, in this case helium, into the sealed space while the well is being purged. This will determine whether the seal and soil immediately around the well prevent ambient air from entering the vapor probe when it is under negative pressure during pumping. The air drawn from the well is collected and analyzed using a calibrated photoionization detector, a methane or explosive gas meter, and a helium detector.

Two methods for sealing the confined space may be employed, dependent upon the surface and soil conditions. For surfaces such as cement concrete, asphalt concrete, or tight soil, a two-foot by two-foot plastic sheet will be placed over the well box. A small hole is made in the center of the sheet and the Teflon tubing is pulled upward through the sheet. The discharge tube from the helium tank is placed beneath the sheet; the sheet will be sealed with tape or weights around the entire perimeter (see Figure 6). For areas with porous soil or where soil vapor has entered the well (as evidenced by helium in the sample), the sheeting will be placed over the vapor probe and seven-inch diameter road box. A small hole is made in the sheet and the Teflon tubing is pulled upward through the sheet. Small holes are made into the bucket for the Teflon tube and the helium tube. The bucket is turned upside down and the tubes are pulled through the bucket. The perimeter (edge) of the bucket is taped to the sheet. The helium will be introduced into the bucket. In both cases, if the helium is not detected, the helium tank will be turned off and the sample will be collected using the same configuration. In addition to the soil vapor probe samples, upwind and downwind samples will be taken during the event, along with a trip blank, which will accompany the samples from the laboratory to the Site and back to the laboratory.

The specific procedure for sampling the soil gas monitoring point is as follows:

- Set up the equipment in the configuration as shown dependent on the surface type as shown on Figure 6.

- Introduce the helium tracer gas into the sampling shroud or upside down bucket (confined area) by connecting the tubing into the helium tank.
- Install a new flexible hose to a peristaltic pump and connect the Teflon tubing to the hose. Connect the other end (discharge end) of the flexible tubing to a one-liter Tedlar bag. Purge the soil gas sampler of approximately three sample volumes by activating the pump to completely fill the Tedlar bag. The purge rate will be 0.1 liters per minute or less.
- Analyze the sample within the Tedlar bag using a calibrated photoionization detector (PID) and a helium detector (Marks Model 9822 or equivalent). If elevated concentrations of helium are detected, inspect the surface seal, and if necessary, add hydrated bentonite to seal. If helium is not detected using the first method, the second method should then be used.
- After purging the soil gas sampler, disconnect the sample tubing from the peristaltic pump and connect it to the inlet of the Summa canister. Record the vacuum reading from the vacuum gauge on the canister at the beginning of the sampling period. Open the valve of the canister and record the time in the field book. (The sampling rate will not exceed 0.2 liters per minute.)
- For the duplicate sample (MS), which will be taken at one location, the tubing will have a "Y" or "T" connection so that two Summa Canisters will be filled simultaneously.
- The background sampling canister(s) will be set up and in operation before the commencement of the soil gas sampling and will be terminated after the last soil gas sample has been taken. The canisters will be 6.0 liters and operated at a rate low enough to allow for operation during the sampling of all soil gas points. These canisters used for Site background usually operate for eight hours.
- At the end of the sampling period and prior to the vacuum gauge returning to the ambient pressure, open the canister and record the time in the field book.

3.0 INVESTIGATION-DERIVED WASTE MANAGEMENT PLAN

This section outlines the plan for the management of investigation-derived wastes (IDW), including the approach for handling and disposal of various potential waste streams generated during the subsurface investigation. IDW will be treated as potentially contaminated; decisions will not be made regarding the fate of on-site soil or water by using field screening techniques.

3.1 Soil Management

To minimize emissions of odors and vapors, to the extent possible, the exposure of contaminated soil to the atmosphere will be minimized.

3.1.1 Drilling Cuttings

Soil cuttings will be transferred to 55-gallon drums, secured, and stored on-site in accordance with Section 3.3. Upon receipt of soil laboratory analytical results, the soil drums will be disposed of in accordance with Section 3.4.

3.1.2 Soil Stockpiling

Soil generated during excavation will be stockpiled on approximately eight-millimeter polyethylene sheeting. If the soil is expected to remain on-site overnight or longer, the stockpile will be covered with similar polyethylene sheeting and secured with large rocks or other appropriate weights. Soil stockpiles will also be covered if odors or vapors are notable. Contaminated soil will be promptly removed from the Site. IDW appropriate for reuse may remain on-site until the start of general excavation activities, provided this is in accordance with federal, State, and local regulations, and it is properly secured.

Soils will be stockpiled based on their known or anticipated type and/or level of contamination (based on previous data, PID readings, odor, staining, etc.) and whether they are intended for reuse on-site as grading/backfill material or intended for off-site disposal. Stockpiles will be separated by a sufficient distance to ensure that mixing of dissimilar or potentially dissimilar materials does not occur. The location and classification of stockpiles (clean, contaminated, or pending analysis) will be tracked on Site drawings and updated as necessary. Stockpiles intended for off-site disposal may be mixed with other compatible stockpiles on-site (compatibility will be determined by the requirements of the receiving disposal facility), but hazardous wastes will not be mixed with non-hazardous wastes. Stockpiles will not be placed outside of the Site boundaries without prior approval of NYSDEC.

3.2 Water Management

Water generated during Site investigation activities, such as from decontamination, well development, and well purging, will be transferred to 55-gallon drums and stored on-site in accordance with Section 3.3. Upon receipt of groundwater laboratory analytical results, the water will be disposed of in accordance with Section 3.6. Based on the results of characterization, liquid IDW may be disposed of off-site or disposed of in NYCDEP sewers, provided it is done in conformance with NYCDEP requirements.

3.3 Drum Storage

Drums will be stored in accordance with the following:

- A label will be placed on each drum with the name of the generator, contact name and phone number, results of characterization (or pending analysis), date generated, boring number, and medium (water, NAPL, soil, etc.).
- If the results of characterization indicate that a drum contains hazardous waste, requirements relating to maximum accumulation time (generally 90 days) will apply.
- One or more areas of secondary containment will be constructed (using plastic and berms or equivalent) and used for drum storage. All liquid drums will be in secondary containment per Sole Source Aquifer requirements.
- Spills or releases will be managed as specified in the Emergency Response Procedures of the Health and Safety Plan (HASP) attached as Appendix A.

3.4 Transportation

To minimize dust, odor, and vapors, excavated soil will be hauled in covered trucks. Transportation of material leaving the Site for off-site disposal will be in accordance with federal,

State, and local requirements covering licensing of haulers and trucks, placarding, truck routes, manifesting, etc. If applicable, manifests and truck tickets will be submitted to NYSDEC.

3.5 Soil Disposal

Soils will be disposed of off-site in accordance with applicable federal, State, and local requirements, including those for hazardous waste, industrial waste, petroleum-contaminated soil, construction and demolition debris, etc. Soil will be tested in accordance with the requirements of the receiving facility. Copies of correspondence with disposal facilities concerning classification of materials, testing, and permits/approvals will be submitted to NYSDEC.

Any imported off-site backfill material will be clean and free of debris, cinders, combustibles, wood, roots, and any staining or odors. Any off-site material used as backfill will be either from a NYSDOT-approved source, or will qualify as an "exempt fill" under 6 NYSCC Part 360.

3.6 Water Disposal

Based on the groundwater analytical results, water from investigation activities will be either transported to an off-site facility or disposed of on-site in NYCDEP sewers.

Off-site disposal will be in accordance with NYSDEC and USEPA regulations. If on-site disposal is feasible, water will be handled in conformance with federal, State, and local regulations, including, as necessary, SPDES requirements for discharge to stormwater conduits or surface waters and/or NYCDEP requirements for discharge to local sewer lines.

4.0 QUALITY ASSURANCE PROJECT PLAN

The Quality Assurance Project Plan (QAPP) presents the Project team (Section 4.1) and field laboratory procedures (Section 4.2).

4.1 Project Team

The Project team will be drawn from AKRF professional and technical personnel and AKRF's subcontractors. All field personnel and subcontractors will have completed a 40-hour training course and up-to-date 8-hour refresher course that meet the Occupational Safety and Health Administration (OSHA) requirements of 29 CFR Part 1910. In case of a day or night emergency, the following specific Project contacts are provided:

EMERGENCY CONTACTS

Company	Individual Name	Title	Contact Number
AKRF	Marcus Simons	Project Director	646-388-9527 (office)
	Richard Gardineer	Project Manager	914-922-2369 (office) 845-596-0552 (cell)
	Jessica Leber	Site Safety Officer	646-388-9533 (office) 917-612-6175 (cell)

The following sections describe the key Project personnel and their responsibilities.

4.1.1 Project Director

The Project Director will be responsible for the general oversight of all aspects of the Project, including scheduling, budgeting, data management, and decision-making regarding the field program. The Project Director will communicate regularly with all members of the AKRF Project team, the NYSDEC, and the Joint Venture to ensure a smooth flow of information between involved parties. Marcus Simons will serve as the Project Director for the Site investigation. Mr. Simons' resume is included in Appendix E.

4.1.2 Project Manager

The Project Manager will be responsible for directing and coordinating all elements of the Site investigation. He will prepare reports and participate in meetings with the Joint Venture and/or NYSDEC. Richard Gardineer, PE, will serve as the Project Manager of the Site investigation. Mr. Gardineer's resume is included in Appendix E.

4.1.3 Field Team Leader

The field team leader will be responsible for supervising the daily sampling and health and safety activities in the field and will ensure adherence to the work plan and HASP. He/she will report to the Project Manager on a regular basis regarding daily progress and any deviations from the work plan. The field team leader will be a qualified, responsible person, able to act professionally and promptly during soil-disturbing activities. The field team leader responsibilities will be assigned to appropriate AKRF personnel after approval of the SIWP.

4.1.4 Project Quality Assurance/Quality Control Officer

The Quality Assurance/Quality Control (QA/QC) Officer will be responsible for adherence to the QAPP. He will review the procedures with all personnel prior to commencing any fieldwork and will conduct periodic Site visits to assess implementation of the procedures. The QA/QC Officer will also be responsible for preparing a Data Usability Summary Report (DUSR) for soil, soil gas, and groundwater analytical results, as described in Section 4.2.5. Andrew Rudko, Ph.D., will serve as the QA/QC Officer for the Site investigation. Dr. Rudko's resume is included in Appendix E.

4.2 Field and Laboratory Procedures

This section presents protocols for calibration of field instrumentation (Section 4.2.1), decontamination of sampling equipment (Section 4.2.2), quality control sampling (Section 4.2.3), and sample collection and handling (Section 4.2.4). This section also discusses laboratory methods that will be used for the analyses (Section 4.2.5).

4.2.1 Field Instrumentation

Field personnel will be trained in the proper operation of all field instruments at the start of the field program. Instruction manuals for the equipment will be on file at the Site for referencing proper operation, maintenance, and calibration procedures. The equipment will be calibrated according to manufacturer specifications at the start of each day of fieldwork, if applicable. If an instrument fails calibration, the Project Manager or QA/QC Officer will be contacted immediately to obtain a replacement instrument. A calibration log will be maintained to record the date of each calibration, any failure to calibrate, and

corrective actions taken. The PID will be calibrated each day using 100 ppm isobutylene standard gas.

4.2.2 Field Decontamination Procedures

To avoid contamination and cross-contamination of samples, all sampling equipment will be cleaned before collection of each sample. The following field procedures will be followed for all samples:

- Step 1: Scrub equipment with a bristle brush using a non-phosphate detergent and distilled water.
- Step 2: Double rinse with distilled water.
- Step 3: Air dry the equipment.

The drilling augers will be decontaminated following each boring location using a steam cleaner or pressure washer. Decontamination will be conducted on plastic sheeting (or equivalent) that is bermed to prevent discharge to the ground. Decontamination water will be transferred to 55-gallon drums and stored and disposed of as described in Section 3.0.

4.2.3 Field Quality Control Sampling

A trip blank and field blank will be included in each batch of soil samples, or one for each 20 samples, whichever is greater in frequency. Trip blanks will be analyzed for volatile organic compounds (VOCs) to check for contamination during transport and sampling procedures. Field blanks, if required by NYSDEC, will be analyzed for VOCs, semivolatile organic compounds (SVOCs), PCBs, and metals to check for contamination arising from sample collection. Samples will be collected from laboratory-provided deioninzed water poured over or through the sampling equipment, as applicable. Table 3 summarizes the laboratory methods that will be used to analyze laboratory samples and the sample container type, preservation, applicable holding times, anticipated number of samples (soil, liquid, and gas), and number of quality control samples.

4.2.4 Sample Handling

This section provides protocols for sample identification, sample labeling and shipping, and sample custody.

Sample Labeling and Shipping

All sample containers will be provided with labels containing the following information:

- Project identification
- Sample identification
- Date and time of collection
- Analyses to be performed
- Sampler's initials

Once the samples are collected and labeled, they will be placed in chilled coolers and stored in a cool area away from direct sunlight to await shipment to the laboratory. At the start and end of each workday, field personnel will add ice to the coolers as needed. Soil gas samples will be placed in coolers that do not contain ice. Soil and groundwater

samples will be shipped to the laboratory once to twice per week. Soil gas samples will be shipped to the laboratory at the end of each workday.

The samples will be prepared for shipment by placing each sample in a sealable plastic bag, then wrapping each container in bubble wrap to prevent breakage and adding freezer packs and/or fresh ice in sealable plastic bags and the chain-of-custody form. Samples will be shipped overnight (e.g., via Federal Express) or transported by a laboratory courier. All coolers shipped to the laboratory will be sealed with mailing tape and a Chemical of Concern (COC) seal to ensure that the coolers remain sealed during delivery.

Sample Custody

To ensure the integrity of samples taken, a strict chain of custody record must be maintained on each sample. This begins after sampling with the entry in the sampler's field log book of the sampling details:

a) Date and time of sampling;

b) Sample location (as specific as possible);

c) The unique sample number, size, and container(s) used;

d) Sample description;

e) Weather conditions (if applicable); and

f) Any additional comments.

In addition, a record must be kept of the sample's progress from the sample Site to the laboratory where it will be analyzed. This chain-of-custody form must include:

a) The sample number;

b) The sampler's name;

c) Date and time of sampling;

d) Location at which the sample was taken, including the address, if possible;

e) A description of the sample, as best known;

f) Signatures of people involved in the chain of possession; and

g) Inclusive dates of possession of each person in the chain.

The chain-of-custody form must accompany the sample throughout its trip to the laboratory. If the sample(s) must be shipped to a laboratory, most shipping agents will refuse to sign or separately carry the chain-of-custody form. In this one case, it is permissible to put the chain-of-custody form into the box with the sample and then seal the box. The recipient of the box, the laboratory's sample custodian, can then attest to the box's arrival still sealed and unopened.

Accompanying the chain-of-custody record, or included in it, must be a request to the laboratory for sample analyses. Information required includes:

a) Name of person receiving the sample;

b) Laboratory sample number;

c) Date of sample receipt;

d) Sample allocation; and

e) Analyses to be performed.

Finally, on arrival at the laboratory, the sample custodian must enter the sample in the laboratory's sample log book. The chain-of-custody should be kept on file at the laboratory.

4.2.5 Laboratory Methods

Table 3 summarizes the laboratory methods that will be used to analyze field samples and the sample container type, preservation, and applicable holding times. A New York State ELAP certified laboratory will perform all analytical work. The laboratory will operate a Quality Assurance/Quality Control (QA/QC) program that will consist of proper laboratory practices (including the required chain-of-custody), an internal quality control program, and external quality control audits by New York State. Since investigative samples may be used as final endpoint or delineation samples, Category B deliverables will be requested.

5.0 REPORTING

5.1 Remedial Investigation Report

Upon completion of all field work and receipt of laboratory analytical results, a Remedial Investigation Report (RIR) will be prepared that will: document field activities; present field and laboratory data; evaluate exposure and risks to human health; and discuss conclusions and recommendations drawn from the results of the investigation. The RIR will include a CD with digital photographs of all remedial investigation tasks and a photo log with descriptions of each photo. Figures provided in the RIR will include surveyed locations of geophysical anomalies, above ground storage tanks (ASTs) and underground storage tanks (USTs); depiction of the extent of historic fill; geologic cross sections; soil boring and monitoring well locations; non-aqueous phase liquid (NAPL) locations and thickness, if encountered; a groundwater equipotential map; and groundwater contaminant map(s). The RIR will include a conceptual Site model that discusses contaminant sources and their fate and transport at the Site in the context of the local Site stratigraphy and hydrogeology. Tables to be provided in the RIR will include summaries of a subset of chemical parameters and computed parameters for on-site subsurface soil, which may include historical fill.

As required under the BCP, the Applicant will make the RIR available in the designated document repository. In addition, a fact sheet summarizing the remedial investigation will be mailed to the Site contact list. A public comment period of 30 days will commence with such notice; if no further action is proposed, the public comment period will be 45 days.

5.1.1 Description of Field Activities

The RIR will include a chapter which will describe the field methods used to characterize the Site conditions, including: sampling techniques; field screening equipment; drilling and excavation equipment; monitoring well installation procedures; and management of investigation-derived waste.

5.1.2 Soil Quality

The RIR will include a chapter on soil quality that presents field and laboratory data and a description of soil characteristics. Field and laboratory analytical results will be presented and compared with regulatory standards and/or guidance values. Figures will be provided that illustrate soil boring locations along with corresponding contaminant concentrations. Soil boring logs and laboratory analytical reports will be provided as attachments.

5.1.3 Groundwater Quality

The RIR will include a chapter which will present groundwater monitoring results. Well survey data and water level measurements will be used to create a groundwater contour map and determine groundwater flow direction. Groundwater analytical results will be presented in the body of the report and on figures, and the detected concentrations will be compared to regulatory standards and/or guidance values. Groundwater sampling logs and laboratory analytical reports will be provided as attachments.

5.1.4 Qualitative Human Health Exposure Assessment

The RIR will include a qualitative exposure assessment to characterize the exposure setting, identify exposure pathways, and evaluate contaminant fate and transport to determine if human receptors would be potentially affected by on-site contamination. The exposure assessment will be based upon the receptor survey and data collected as part of the Site investigation including the following:

- Comparison of contaminant concentrations in environmental media with typical background levels;
- Concentrations of contaminants in environmental media; and
- Field and laboratory data, including extent of NAPL in soil and groundwater.

5.1.5 Off-Site Investigation

The RIR will include a chapter to evaluate the nature and extent of possible off-site contamination. This will specifically evaluate the potential movement of contaminants from the Site eastward into the Gowanus Canal and inland, to the north, south, or west. The evaluation of the potential subsurface discharge of contaminants into the Gowanus Canal will utilize analytical data of samples of sediment and surface water collected at various locations from the canal in the vicinity of the Site. These samples are being collected and analyzed as part of an investigation being undertaken by Keyspan Corporation for the Carroll Gardens Brownfields Cleanup Project (BCP No. 224012). The eastern boundary of the Carroll Gardens project is at 5th Street and the Gowanus Canal, which is located approximately seven blocks southwest of the Site. The sampling locations are shown on Figure 8. A description of the sampling program, including parameters and procedures, is included on pages 4-11 of a June 8, 2005, Gowanus Canal Sediment Sampling Work Plan, submitted by Keyspan to the NYSDEC. This document is included as Appendix G. If the review of the Keyspan-generated analytical data from the sampling of the Gowanus Canal indicates that contaminants from the Site are affecting the canal, if required by the NYSDEC, a Supplemental Investigation Work Plan to undertake additional sampling of the canal surface water and sediment will be

submitted to NYSDEC and NYSDOH for review. The approved plan will then be implemented.

The evaluation for potential inland movement of any possible on-site contaminants will be based on the data generated from the analysis of the samples collected from the surficial and subsurface soil, groundwater and soil vapor, and the flow direction determined from the synoptic water level measurements. If contamination is determined to flow inland, a Supplemental Investigation Work Plan for off-site investigation, if required by NYSDEC, will be submitted to the NYSDEC and the NYSDOH for review. The approved work plan will then be implemented.

5.2 Remedial Work Plan

Based upon the findings of the remedial investigation, a Remedial Work Plan (RWP) will be developed for the Site. The RWP will include recommendations specific to the planned development. The plan will set forth any additional evaluation necessary to close data gaps and/or any remedial measures necessary to address potential complete exposure pathways identified as part of the qualitative human health exposure assessment. The plan will provide an evaluation that will demonstrate that the selected remedy can achieve the cleanup goals for the Site. The selected remedy will be compared to factors given in 6 NYCRR 375-1.10(c), which include: protection of human health and the environment; standards, criteria, and guidance; short-term effectiveness and impacts; long-term effectiveness and permanence; reduction of toxicity, mobility, or volume; and implementability.

As required under the BCP, the Applicant will make the RAP available in the designated document repositories. In addition, a fact sheet summarizing the remedial investigation will be mailed to the Site contact list. A public comment period of 45 days will commence with such notice.

5.3 Daily Reports

Daily reports, if required, will be provided to the Project Manager for NYSDEC and NYSDOH during all periods of major investigative activity. These reports will include daily investigative tasks and include a summary of substantive findings and other pertinent information including all complaints received from the public. Community air monitoring exceedances will be included in the daily report.

6.0 SCHEDULE

A tentative schedule for implementing the Site Investigation Work Plan is provided below.

Schedule

Bayside Fuel Oil Depot – Bond Street Terminal, Brooklyn, New York

ITEM	ESTIMATED TIME TO COMPLETION
DEC Approval of Site Investigation Work Plan	T
Prepare and Commence Investigation	T + 1 week
1. Electromagnetic (EM) Survey of Site • Perform EM Survey of Site; and	T + 1 week

• Submit Supplemental Investigation Task Report to NYSDEC.	
2. Boring and Well Installation • Install 9 borings and 11 wells and collect soil samples; • Develop monitoring wells.	T + 2 weeks to T + 3 weeks
3. Groundwater Sampling • Collect groundwater samples for laboratory analyses.	T + 6 weeks
4. Prepare Site Investigation Report • Review and summarize field and laboratory data; • Provide conclusions and recommendations.	T + 8 weeks to T + 10 weeks
Submit Site Investigation Report to NYSDEC.	T + 11 weeks

7.0 CITIZEN PARTICIPATION

A Citizen Participation Plan (CPP) dated October 2005 has been prepared and will be submitted to the document repositories listed in Section 1.0, as a required part of the NYSDEC Brownfield Cleanup Program (BCP). The CPP includes:

- A Site description and history, information on the types of contamination expected at the Site, and findings of previous environmental studies completed at the Site, including any major issues of public concern;
- A list of contacts representing the affected and interested parties;
- Designation of local repositories for information and reports generated during this Project; and
- A description of citizen participation (CP) activities that have already occurred and a schedule of planned CP activities.

CP activities, in accordance with BCP requirements, will be conducted for the remedial investigation by the NYSDEC in cooperation with the NYSDOH. These activities will include preparing a fact sheet that will describe the Site, provide a summary of the purpose and goals of the investigation, include a Project schedule, and list sources for additional information. The fact sheet will be sent to the contact list provided in the CPP, which includes adjacent property owners, elected officials, and local media.

New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau B
625 Broadway, Albany, New York 12233-7016
Phone: (518) 402-9768 • **FAX:** (518) 402-9773
Website: www.dec.state.ny.us

Alexander B. Grannis
Commissioner

Certified, Return Receipt Requested

November 1, 2007

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Gowanus Canal LLC
c/o Jobco Incorporated
277 Northern Boulevard
Great Neck, New York 11021

Marcus Simons
Vice President
AKRF, Inc.
440 Park Avenue South, 7th Floor
New York, New York 10016

Vincent Allegretti
Allegretti Group, LLC
c/o Bayside Fuel Oil Depot Corp.
1776 Shore Parkway
Brooklyn, New York 11214-0002

David J. Freeman, Esq.
Paul, Hastings, Janofsky & Walker
75 East 55th Street
New York, New York 10022

Re: Bayside Fuel Oil Depot - Bond Street Terminal
Brownfield Cleanup Program Site
BCP # C224080
BCA Index No: W2-1044-05-01

Dear Sirs:

This letter serves to formally respond to your second revised submittal dated September 12, 2007 regarding the Interim Remedial Measure Work Plan for the Bayside Fuel Oil Depot - Bond Street Terminal Site located at 510 Sackett Street and 267-285 Bond Street, Brooklyn, NY, 11217 (the "Site"). A certified letter was sent to you on August 29, 2007 disapproving a July 11, 2007 submittal. The New York State Department of Environmental Conservation (the "Department") disapproves this second revised submittal entitled, "Interim Remedial Measure Work Plan" dated September 12, 2007 ("the Second Revised Work Plan").

The Second Revised Work Plan has been disapproved because it is inconsistent with discussions held in June 2007 between the Department and the Volunteer concerning necessary changes to the draft March 23, 2007 schedule/proposal for it to be an acceptable Interim Remedial Measure (IRM) work plan, as discussed below.

In October 2005, AKRF, Inc (AKRF), submitted a document entitled, "Remedial Investigation Work Plan, Bayside Fuel Oil Depot - Bond Street Terminal, Brooklyn, NY". The Department issued an approval of this document by letter dated January 19, 2006, conditional on the receipt of a revised submittal which incorporated the changes in the January 19, 2006 letter.

The revised submittal ("the Approved RIWP") was received by the Department on March 3, 2006. The schedule in the Approved RIWP required the commencement of the Remedial Investigation within one week of Work Plan approval.

AKRF failed to implement the Approved RIWP and, as a result, the Department issued a certified letter, dated December 28, 2006, asking the BCP applicant to submit a revised schedule for implementation of the Approved RIWP within two weeks of receipt of that letter or the Department would have considered the applicant in violation of the Brownfield Cleanup Agreement (BCA). The applicants requested a 30-day extension (to February 12, 2007) to submit a revised schedule. The schedule was not received and on March 8, 2007, the applicants requested an additional week to submit the schedule to implement the Approved RIWP. On March 21, 2007, the applicants stated that they would submit a proposed schedule within one week. The schedule was received by the Department on March 23, 2007.

The March 23, 2007 schedule/proposal included a limited investigation in an open spill area (Spill # 98-10785) beginning in May 2007 with implementation of an Interim Remedial Measure (underground storage tank and soil removal) in March 2008. This schedule/proposal also included tank removals at the Site which were to be ongoing through August 2008 as the tanks were taken out of service. Finally, this schedule/proposal included implementation of the broader investigation as outlined in the Approved RIWP in May 2008. The Department responded on April 20, 2007 that this schedule/proposal was unacceptable and the schedule/proposal would only be acceptable if the Approved RIWP was implemented beginning May 2007.

Further discussions within the Department resulted in an agreement that an IRM approach, as proposed in the March 23, 2007 schedule/proposal was acceptable as long as a more compressed schedule was included. In a conversation between the Department and the Volunteer on June 14, 2007, the Volunteer agreed to an accelerated IRM approach and that a revised work plan would be provided to the Department by the end of June 2007. On June 29, 2007 the Volunteer requested an extension until the week of July 9, 2007, which the Department agreed to. The Volunteer submitted a revised work plan "the Revised Work Plan", dated July 11, 2007, on July 20, 2007.

The Revised Work Plan was more limited in scope than the March 23, 2007 schedule/proposal, proposing to remove only a single underground storage tank and investigate/remediate the open spill area (Spill # 98-10785) by April 2008. The Revised Work Plan contained no expressed commitment to conduct the broader investigative elements of the Approved RIWP (which includes the potential for an offsite investigation if warranted based on onsite data) or provide a reasonable schedule for removal of the remaining fuel storage tanks. This work plan was disapproved in a letter dated August 29, 2007.

The Second Revised Work Plan, dated September 12, 2007 and received by the Department on September 17, 2007, is identical to the Revised Work Plan with the exception of the inclusion of a table titled "Remaining Remedial Investigation Tasks". This table includes a schedule for the remaining elements of the Approved RIWP, however, this work is not scheduled to be completed until Spring 2009 (approximately 15 months), far longer than the original schedule in the Approved RIWP, which was scheduled to be completed in 11 weeks.

11 weeks vs. 15 months

Subparagraph II.E.2 of the fully executed Brownfield Cleanup Agreement relative to the Site, Index # W2-1044-05-01 dated May 12, 2005 (the "Agreement"), reads in part that ".... If Volunteer submits a revised submittal and it is disapproved, the Department and Volunteer may pursue whatever remedies may be available under this Agreement or under the law."

By copy of this letter, the Department's case attorney has been placed on notice regarding the disapproval of the Revised Work Plan and the Department reserves all rights regarding this matter, including the termination of the Brownfield Cleanup Agreement for the Site, Index #W2-1044-05-01.

If you have any questions, please call me at (518) 402-9768.

Sincerely,

Robert J. Cozzy
Acting Director
Remedial Bureau B
Division of Environmental Remediation

cc: S. Dewes/File
T. Gibbons
R. Rusinko, DEE

RECEIVED
NOV 06 2007
BY: Sergio

JOBCO

FACSIMILE TRANSMITTAL

DATE: 9/4/07
TO: Dave Freeman
COMPANY: Paul Hastings
FAX#: 212-230-7638

FROM: John Ferrante
COMPANY: Jobco Incorporated
ADDRESS: 277 Northern Boulevard, Great Neck, NY 11021
TELEPHONE: (516) 487-0050 FAX: (516) 487-0014

NUMBER OF PAGES INCLUDING THIS COVER: 5

RE: Bayside Fuel Oil Depot

DESCRIPTION:

See attached

New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau B
625 Broadway, Albany, New York 12233-7016
Phone: (518) 402-9768 • FAX: (518) 402-9773
Website: www.dec.state.ny.us

Alexander B. Grannis
Commissioner

Certified, Return Receipt Requested

August 29, 2007

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Re: Bayside Fuel Oil Depot - Bond Street Terminal
Brownfield Cleanup Program Site
BCP # C224080
BCA Index No: W2-1044-05-01

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In October 2005, AKRF, Inc (AKRF), submitted a document entitled, "Remedial Investigation Work Plan, Bayside Fuel Oil Depot - Bond Street Terminal, Brooklyn, NY". The Department issued an approval of this document by letter dated January 19, 2006, conditional on the receipt of a revised submittal which incorporated the changes in the January 19, 2006 letter. The revised submittal ("the Approved RIWP") was received by the Department on March 3, 2006.

The schedule in the Approved RIWP required the commencement of the Remedial Investigation within one week of Work Plan approval.

AKRF failed to implement the Approved RIWP and, as a result, the Department issued a certified letter, dated December 28, 2006, asking the BCP applicant to submit a revised schedule for implementation of the Approved RIWP within two weeks of receipt of that letter or the Department would have considered the applicant in violation of the Brownfield Cleanup Agreement (BCA). The applicants requested a 30-day extension (to February 12, 2007) to submit a revised schedule. The schedule was not received and on March 8, 2007, the applicants requested an additional week to submit the schedule to implement the Approved RIWP. On March 21, 2007, the applicants stated that they would submit a proposed schedule within one week. The schedule was received by the Department on March 23, 2007.

The March 23, 2007 schedule/proposal included a limited investigation in an open spill area (Spill # 98-10785) beginning in May 2007 with implementation of an Interim Remedial Measure (underground storage tank and soil removal) in March 2008. This schedule/proposal also included tank removals at the Site which were to be ongoing through August 2008 as the tanks were taken out of service. Finally, this schedule/proposal included implementation of the broader investigation as outlined in the Approved RIWP in May 2008. The Department responded on April 20, 2007 that this schedule/proposal was unacceptable and the schedule/proposal would only be acceptable if the Approved RIWP was implemented beginning May 2007.

Further discussions within the Department resulted in an agreement that an IRM approach, as proposed in the March 23, 2007 schedule/proposal was acceptable as long as a more compressed schedule was included. In a conversation between the Department and the Volunteer on June 14, 2007, the Volunteer agreed to an accelerated IRM approach and that a revised work plan would be provided to the Department by the end of June 2007. On June 29, 2007 the Volunteer requested an extension until the week of July 9, 2007, which the Department agreed to. The Volunteer submitted a revised work plan "the Revised Work Plan", dated July 11, 2007, on July 20, 2007.

The Revised Work Plan is more limited in scope than the March 23, 2007 schedule/proposal, proposing to remove only a single underground storage tank and investigate/remediate the open spill area (Spill # 98-10785) by April 2008. The Revised Work Plan contains no expressed commitment to conduct the broader investigative elements of the Approved RIWP (which includes the potential for an offsite investigation if warranted based on onsite data) or provide a reasonable schedule for removal of the remaining fuel storage tanks.

Subparagraph II.E.2 of the fully executed Brownfield Cleanup Agreement relative to the Site, Index # W2-1044-05-01 dated May 12, 2005 (the "Agreement"), reads in part that ".... If Volunteer submits a revised submittal and it is disapproved, the Department and Volunteer may pursue whatever remedies may be available under this Agreement or under the law."

By copy of this letter, the Department's case attorney has been placed on notice regarding the disapproval of the Revised Work Plan and the Department reserves all rights regarding this matter, including the termination of the Brownfield Cleanup Agreement for the Site, Index #W2-1044-05-01.

If you have any questions, please call me at (518) 402-9768.

Sincerely,

Robert J. Cozzy
Acting Director
Remedial Bureau B
Division of Environmental Remediation

cc: S. Dewes/File
T. Gibbons
R. Rusinko, DEE

cc: R. Cozzy
M. Lesser, DEE
D. Walsh, Reg. 2
R. Hernan, Reg. 2
C. Doroski, DOH
eDOCs: letter.hwC224080.2007-08-29.bay_BCA_Disapproval.pdf

AKRF
Environmental and Planning Consultants

440 Park Avenue South
New York, NY 10016
tel: 212 696-0670
fax: 212 213-3191
www.akrf.com

March 23, 2007

Mr. John Ferrante
Gowanus Canal Joint Venture, LLC
277 Northern Boulevard, Suite 203
Great Neck, New York 11021

Re: Bayside Fuel Oil Depot - Bond Street Terminal
Brooklyn, New York
BCP Site No. C224080

Dear Mr. Ferrante:

As we have recently discussed with you and David Freeman, AKRF, Inc. has reevaluated the remedial investigation approach at the Bayside Fuel Oil Depot - Bond Street Terminal site. We propose to prioritize the investigation to address the previously identified contamination associated with the open spill number on the northern portion of the subject site. This revised approach would change the order of completion, but does not substantively alter the investigation tasks outlined in the February 2006 Remedial Investigation Work Plan (RIWP). The investigation of this spill area was included as part of the RIWP, and there is no change in boring locations or analytical parameters planned.

Our revised approach would initially consist of completing the proposed soil borings and monitoring well installation in the immediate vicinity of the spill, similar to the activities outlined in AKRF's January 14, 2004 Spill Investigation Work Plan. The results of this investigation would be presented to the New York State Department of Environmental Conservation (NYSDEC) and the New York State Department of Health in Monthly Progress Reports as required under the Brownfield Cleanup Program. Based on the findings of the investigation, we would then propose appropriate action to remediate the contamination, if necessary, as an Interim Remedial Measure.

After the known contamination associated with the open spill number is addressed, the remaining remedial activities would proceed in accordance with the NYSDEC-approved RIWP. As the closure of the large major oil storage facility (MOSF) tanks proceeds, modification to this RIWP may be appropriate, but would be coordinated with the appropriate representatives at NYSDEC. Attached is a table outlining all of the remedial investigation activities with the proposed revisions, and the corresponding schedule.

We will provide under separate cover a contract for the first phase of the investigation, and await your formal authorization to proceed. If you have any questions, please contact Marcus at (646) 388-9527 or Kate at (646) 388-9525.

Sincerely,
AKRF, Inc.

Marcus Simons
Senior Vice President

Kathleen Brunner
Technical Director

Attachment

Cc: R. Pascucci – Gowanus Canal Joint Venture, LLC
D. Freeman, J. Hiney – Paul, Hastings, Janofsky & Walker, LLP

ATTACHMENT A
Revised Remedial Investigation Schedule
Bayside Fuel Oil Depot – Bond Street Terminal; Brooklyn, NY

INITIAL PHASE - SPILL INVESTIGATION AND REMEDIATION

RIWP Section	Activity	Anticipated Date
2.1.2	Tank removal - ongoing as tanks are taken out of service	Through Aug-08
	Discuss schedule revisions with NYSDEC	Mar-07
	Coordinate work--AKRF contract, arrange access, subcontractors, and other logistics	Apr-07
	Boring and monitoring well installation in vicinity of previous boring GP-1	
2.2.1 to 2.2.2	Install 3 soil borings (B8, B9, and B14--see RIWP Fig 3)	May-07
2.2.3 to 2.2.4	Install and develop 1 monitoring well (MW-12--see RIWP Fig 3)	May-07
	Prepare May 2007 Monthly Progress Report	Jun-07
2.2.5	Sample groundwater monitoring well	Jun-07
	Prepare June 2007 Monthly Progress Report	Jul-07
	Additional spill investigation (borings and/or wells) as needed based on initial results	Jul-07 to Sept-07
	Develop Interim Remedial Measure Work Plan (IRMWP) for spill remediation	Sept-07 to Jan-08
	Implement IRMWP	Mar-08 to Apr-08

REMAINING REMEDIAL INVESTIGATION TASKS

RIWP Section	Activity	Anticipated Date
2.1.1	Electromagnetic survey of the entire site	Oct-07
	Boring and monitoring well installation	
2.2.1 to 2.2.4	Install remaining outdoor soil borings and monitoring wells (8 borings and 12 wells)	May-08 to Jun-08
2.2.1 to 2.2.4	Install indoor borings and monitoring wells (3 borings and 1 well)	Jul-08
2.2.5	Groundwater sampling (17 wells)	Jul-08
2.3	Soil gas installation and sampling (6 probes)	Aug-08
	Discuss delineation soil borings with NYSDEC	Aug-08 to Sep-08
2.2.6	Delineation soil borings	Oct-07
2.1.2	Geophysical anomaly investigation/removal	Nov-08

TABLE 5
PROPOSED SCHEDULE OF ACTIVITIES
Bayside Fuel Oil Depot – Bond Street Terminal, Brooklyn, New York

INTERIM REMEDIAL MEASURE TASKS 11/07

TASK	Work Plan Section	Jun-07	Oct-07	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	To be Determined
IRM Work Plan		Sub mit draft	Re-submit	NYSDEC Review & Approval										
UST Closure Coordination														
UST Closure	RIWP 2.1.2 IRMWP 3.1.2													Ongoing - As tanks are permanently removed from service
Soil and Groundwater Investigation Coordination														
Preliminary (Spill-Related) Soil and Groundwater Investigation	RIWP 2.2.1 - 2.2.5 IRMWP 3.2.1 - 3.2.5													
IRM Report														

REMAINING REMEDIAL INVESTIGATION TASKS

TASK	Work Plan Section	Anticipated Date
Electromagnetic survey of the entire site	RIWP 2.1.1	Aug-07
Install remaining outdoor soil borings and monitoring wells (8 borings and 12 wells)	RIWP 2.2.1 - 2.2.4	Sep-08 to Oct-08
Install indoor borings and monitoring wells (3 borings and 1 well)	RIWP 2.2.1 - 2.2.4	Nov-08
Groundwater sampling (17 wells)	RIWP 2.2.5	Nov-08
Soil gas installation and sampling (6 probes)	RIWP 2.3	Dec-08
Discuss delineation soil borings with NYSDEC		Dec-08-Jan-09
Delineation of soil borings	RIWP 2.2.6	Feb-09 to Mar-09
Geophysical anomaly investigation and tank removal	RIWP 2.1.2	As tanks are permanantly removed from service - by early 2009

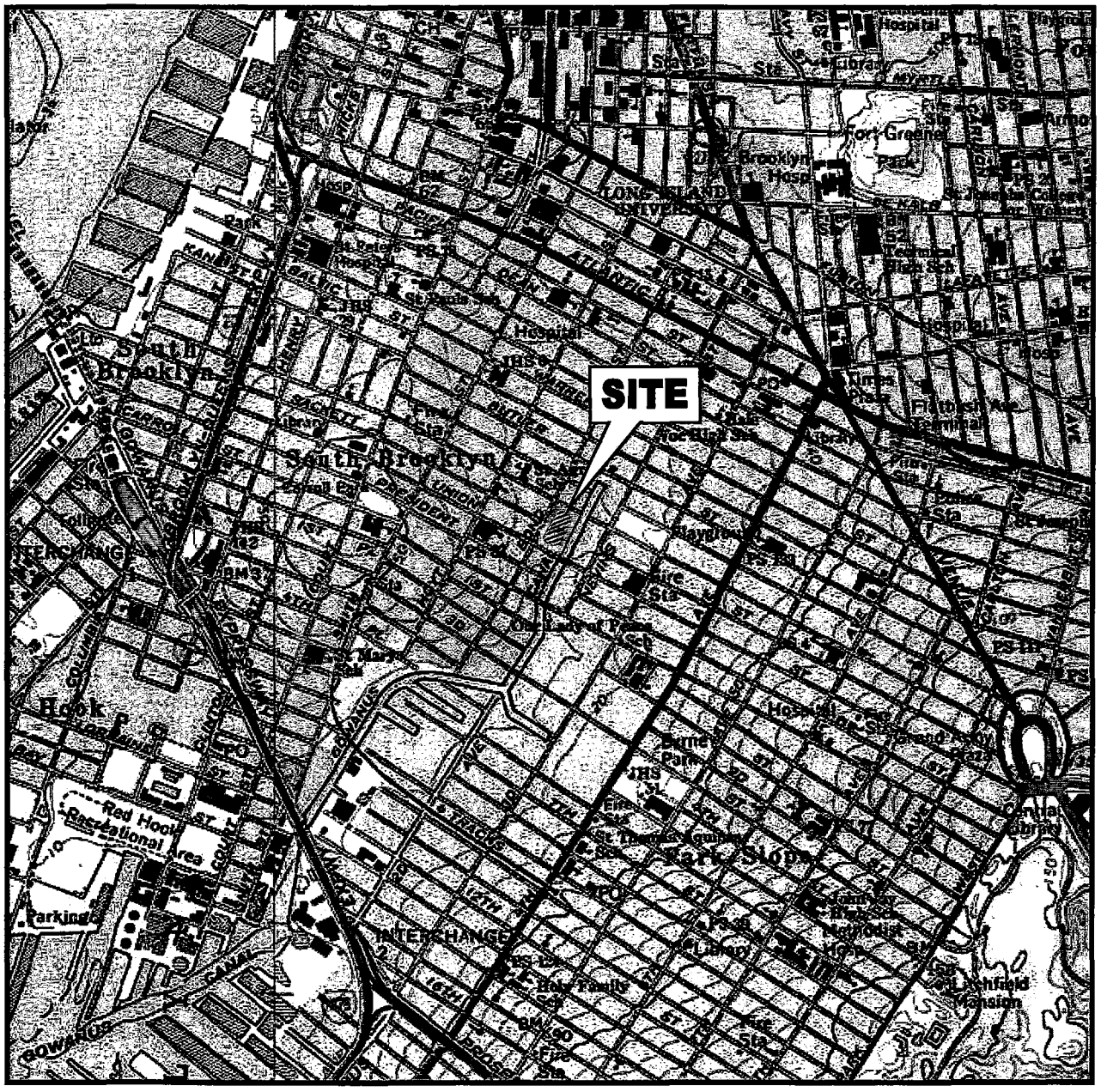
Table revised 9/10/07

TABLE 5
PROPOSED SCHEDULE OF ACTIVITIES
Bayside Fuel Oil Depot – Bond Street Terminal, Brooklyn, New York

TASK	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08
IRM Work Plan	Sub mit	NYSDEC Approval									
UST Closure Coordination											
UST Closure											
Soil and Groundwater Investigation Coordination											
Soil and Groundwater Investigation											
IRM Report											

FIGURES

FIGURES



QUADRANGLE

SCALE IN FEET

0' 1000' 2000' 4000'

SCALE: 1"=2000'

N

SOURCE:

USGS TOPOGRAPHIC MAP - BROOKYLN, N.Y.
QUADRANGLE - DATED 1966, PHOTOREVISED 1979

BAYSIDE FUEL OIL-BOND STREET TERMINAL
Brooklyn, New York

SITE LOCATION MAP

AKRF

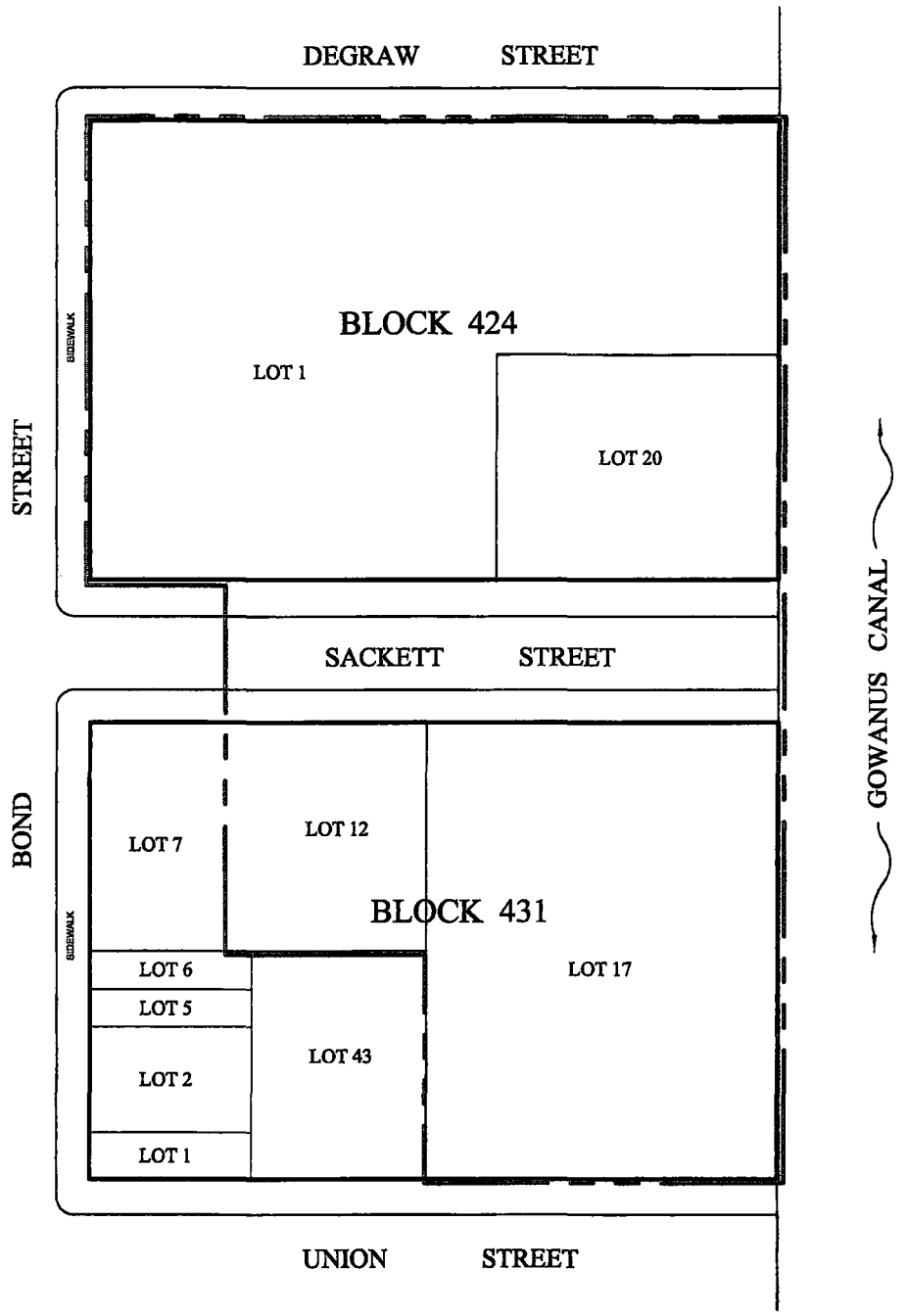
Environmental Consultants
440 Park Avenue South, New York, N.Y. 10016

DATE
02.14.06

PROJECT No.
10442

FIGURE No.
1

2004 AKRF, Inc. Environmental Consultants M:\AKRF Project Files\10442-0001 F1_site location plan.pub



SCALE IN FEET
0 40' 80' 160'
SCALE: 1"=80'

N

Legend:
PROPERTY BOUNDARY
LOT LINE

BAYSIDE FUEL OIL DEPOT
BOND STREET TERMINAL
Brooklyn, New York

SITE PLAN

AKRF
Environmental Consultants
440 Park Avenue South, New York, N.Y. 10016

DATE 01.19.06
PROJECT No. 10442
FIGURE No. 2

© 2005 AKRF, Inc. Environmental Consultants C:\AKRF-DATA\10442 Gowanus Bayside\F2_Project Site Plan (rev_1.18.06)

BOND STREET

UNION STREET

SACKETT STREET

DEGRAW STREET

SIDEWALK

REPAIR GARAGE & RESIDENTIAL

WAREHOUSE

BLOCK 431

GARAGE

MOTOR FREIGHT STATION

OVERHEAD DOOR

FUEL OIL ASTs

GASOLINE UST FILL

OVERHEAD DOOR

4,000-GALLON GASOLINE UST

APPROX. LOCATION OF SUSPECTED GAS TANKS

APPROX. LOCATION OF SUSPECTED UST

(4) VENTS

MW-4

SG-1D

SG-1S

MW-1 (EXIST)

DRIVEWAY

MW-2 (EXIST)

MW-6

GP-8

SG-2S

SG-2D

MW-5

B-3

B-1

B-2

SG-4D

COVERED FUEL OIL LOADING BAYS

1,000-GALLON FUEL OIL UST

MW-3 (EXIST)

MW-7S

MW-7D

COMPARTMENTED FUEL OIL, DIESEL AND KEROSENE ASTs A,B,C,D&E 1,500,000 GALLONS TOTAL

OFFICES

BOILER ROOM

SECURED FUEL OIL LOADING DOCK

CONCRETE RETAINING WALL

BULKHEAD

MW-8S

MW-8D

275-GALLON FUEL OIL ASTs

OFFICES

OPEN YARD

B-6

TRUCK REPAIR GARAGE

B-13

TRUCK REPAIR GARAGE

APPROX. LOCATION OF SUSPECTED GAS TANK

275-GALLON FUEL OIL AST

APPROX. LOCATION OF ABANDONED UST

MW-9

OVERHEAD DOORS (TYP.)

MW-10

B-11

GP-7

FORMER PUMP ISLANDS

B-7

CONCRETE PAD

APPROX. EXTENT OF UST REMOVAL EXCAVATION

MW-11

SG-3D

B-4

B-10

B-8

B-14

GP-1

B-9

MW-12

APPROX. LOCATION OF SUSPECTED GAS TANK

TRUCK PARKING

MW-14

BLOCK 424

GP-5

"FORMER COAL POCKET AREA"

TRUCK PARKING

B-5

B-12

GP-3

MW-13S

MW-13D

GOWANUS CANAL

SCALE IN FEET

0' 25' 50' 100'

SCALE: 1"=50'

Legend:

- PROPERTY BOUNDARY
- CHAIN-LINK FENCE
- MW-1 (EXIST.) EXISTING MONITORING WELL
- GP-1 EXISTING BORING LOCATIONS
- MW-4 PROPOSED WELL LOCATION
- B-1 PROPOSED BORING LOCATION
- SG-1 PROPOSED SOIL GAS MONITORING POINT

AKRF Environmental Consultants
440 Park Avenue South, New York, N.Y. 10016

BAYSIDE FUEL OIL - BOND ST. TERMINAL
Brooklyn, New York

SITE DETAIL MAP

DATE 10.10.05

SCALE 1"=50'

PROJECT No. 10442

FIGURE No. 3

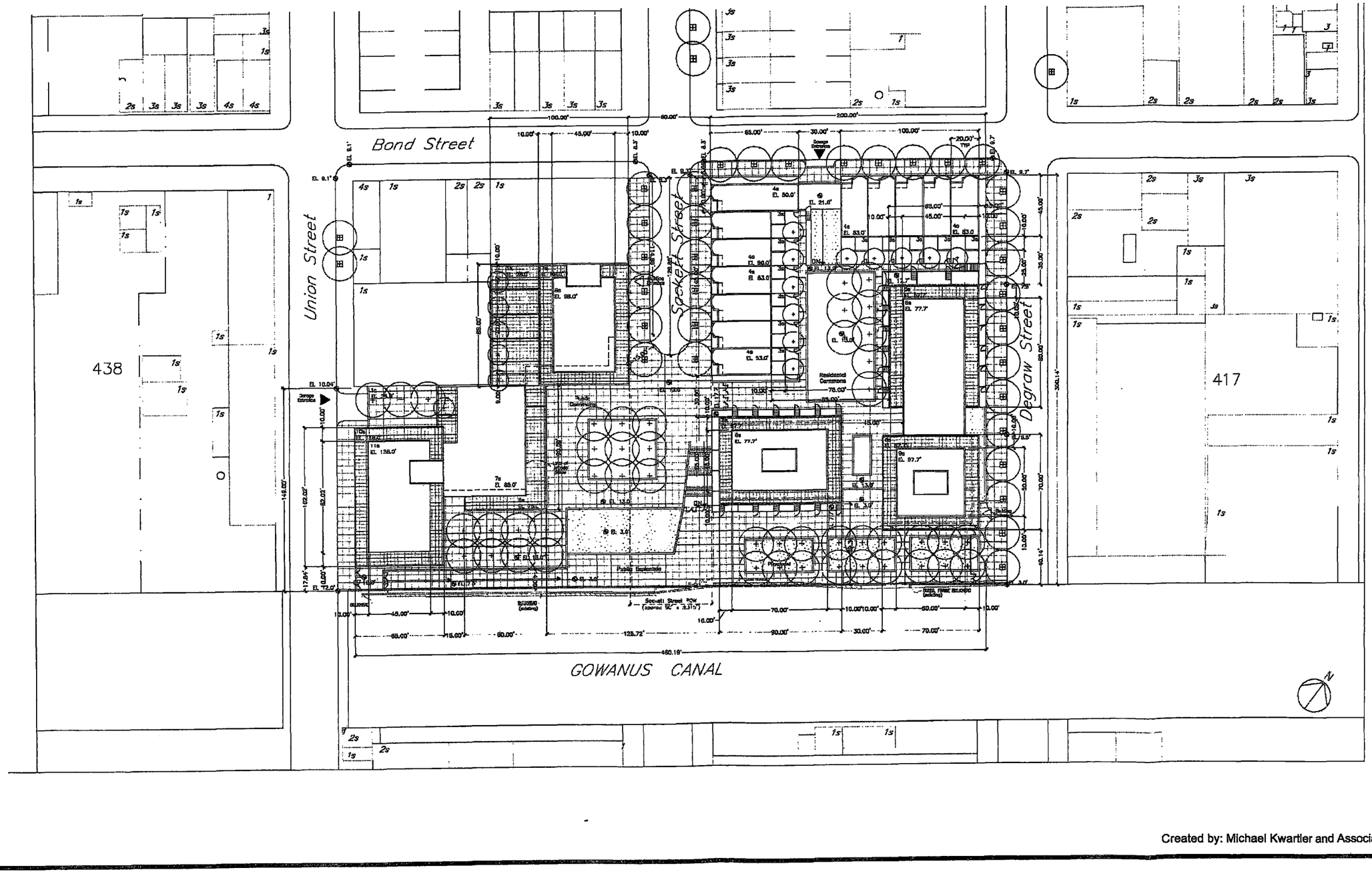
© 2003 AKRF, Inc. Environmental Consultants M:\AKRF Project Files\10442 - Gowanus Bayside Oil\Figures\F3_Project Site Plan BCP Invest Work\Plan.dwg

Legend:

- Residential
- Residential (w/ Ground Floor Retail)
- Hotels
- Commercial/Stores
- Office
- Institutional
- Entertainment
- Open Space/Recreation
- Industrial, Utilities, Trans., Public Parking
- Vacant

Bayside Fuel Oil Depot - Bonds Street Terminal Brooklyn, New York	Date: 10.24.05 Project No: 10442
LAND USE OF SURROUNDING AREAS	Scale: 1" = 500' Figure: 4

2005 AKRF, Inc. Environmental Consultants M:\AKRF Project Files\10442 - Gowanus Bayside Oil\Brownfield Program\Brownfields App\510 Sacket landuse.mxd



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Created by: Michael Kwartler and Associates

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440 Park Avenue South, New York, N.Y. 10016

BAYSIDE FUEL OIL - BOND ST. TERMINAL
Brooklyn, New York

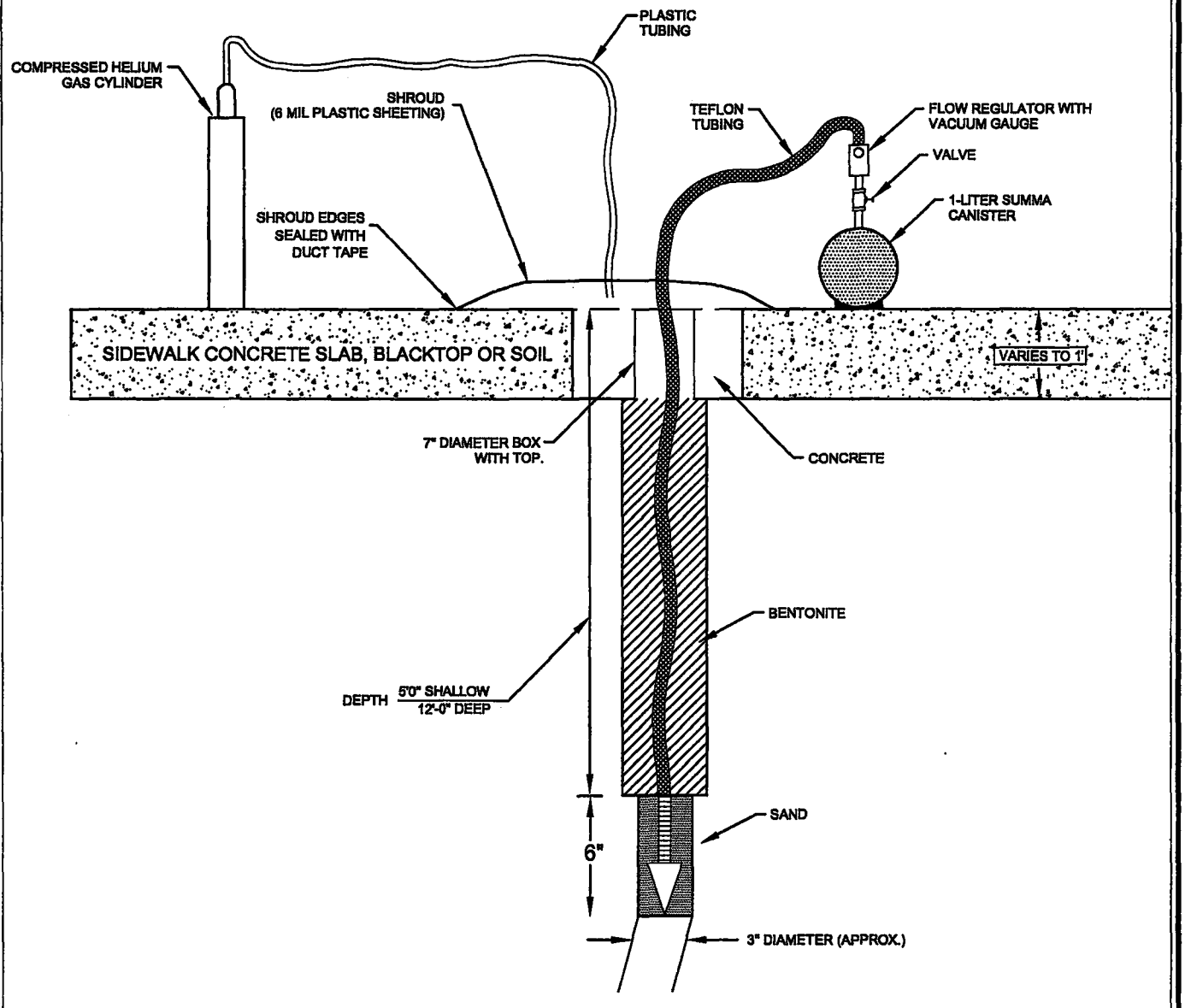
SITE PLAN

DATE
10.10.05

SCALE
1" = 70'

PROJECT No.
10442

FIGURE No.
5



BAYSIDE FUEL OIL-BOND STREET TERMINAL
Brooklyn, New York

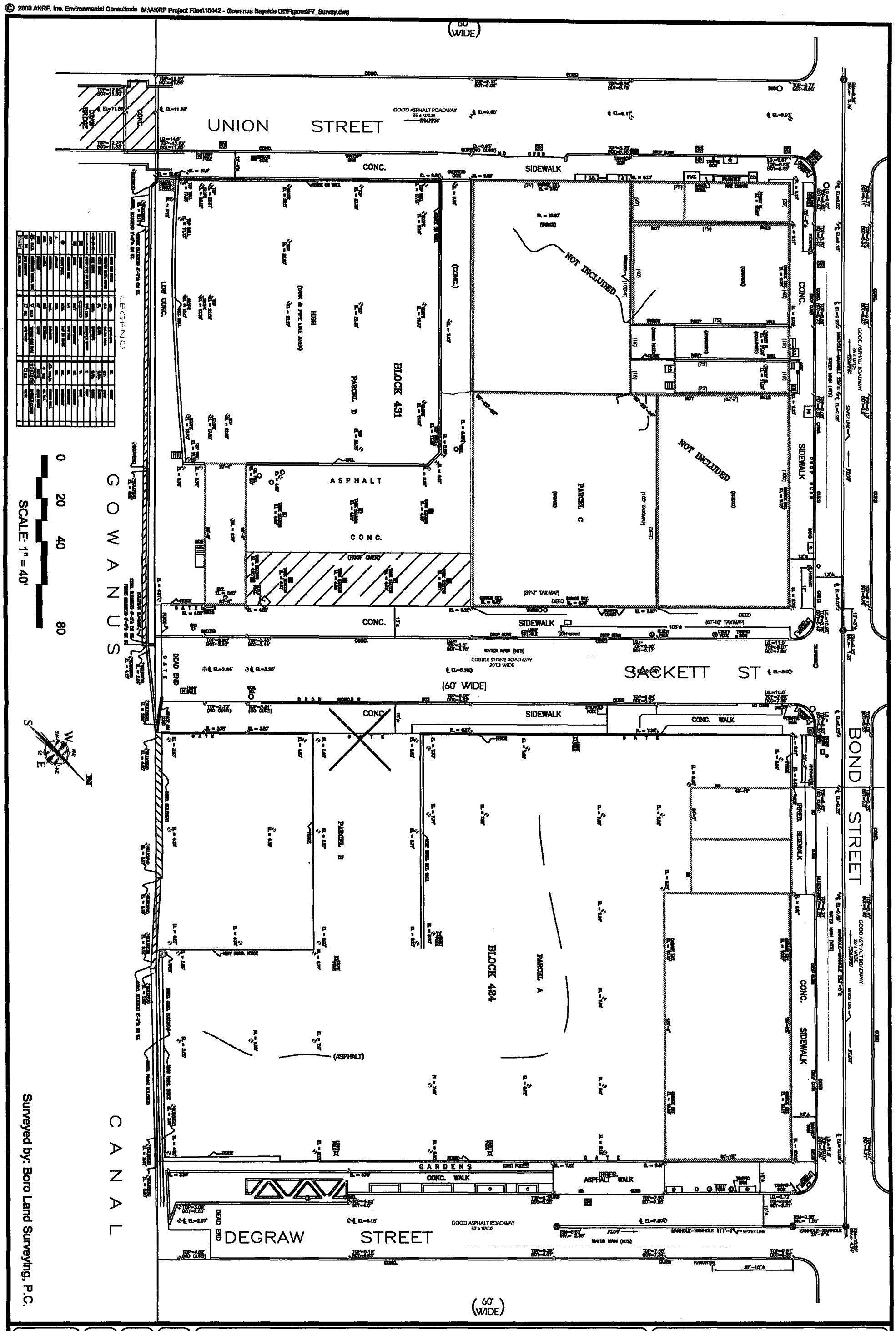
SOIL GAS SAMPLING ASSEMBLY

AKRF
Environmental Consultants
440 Park Avenue South, New York, N.Y. 10016

DATE	02.14.06
PROJECT No.	10321
SCALE	NTS
FIGURE No.	6

2004 AKRF, Inc. Environmental Consultants M:\AKRF Project Files\10442 - Gowanus Bayside Oil\Figures\F6_Soil Gas Sampling Assembly.dwg

© 2003 AKRF, Inc. Environmental Consultants M:\AKRF Project Files\10442 - Gowanus Bayside Oil\Figures\F7_Survey.dwg



Surveyed by: Boro Land Surveying, P.C.

FIGURE No.	PROJECT No.	SCALE	DATE
7	10442	1"=40'	10.25.05

BAYSIDE FUEL OIL - BOND ST. TERMINAL

Brooklyn, New York

SITE SURVEY

AKRF
Environmental Consultants
440 Park Avenue South, New York, N.Y. 10016

LEGEND

- APPROXIMATE BOUNDARY OF FORMER MGP SITE
- SEA WALL
- GC-SED-01 — PROPOSED SEDIMENT SAMPLE LOCATION
- GC-GP-07 — PROPOSED GEOPROBE BORING LOCATION
- GC-SW-01 — PROPOSED SURFACE WATER SAMPLE LOCATION
- GC-OF — PROPOSED OUTFALL SAMPLE LOCATION
- U.S. ARMY CORPS OF ENGINEERS BORING LOCATION (APPROXIMATE)
- (14-14.5) — DEPTH (feet) BELOW MEAN LOW WATER
- ND — BENZENE/TOLUENE/ETHYLBENZENE/XYLENE (BTEX) ppm
- 4.67 — POLYCYCLIC AROMATIC HYDROCARBONS (PAH) ppm
- EXISTING SOIL BORING WITH GROUNDWATER MONITORING WELL LOCATION
- EXISTING SOIL BORING LOCATION
- PROPOSED SAMPLE TRANSECT
- TAX ASSESSOR'S BOUNDARIES
- PARCEL BOUNDARIES
- KEYSPAN PARCEL NUMBER
- OWNER
- NYC DGAS — NEW YORK CITY DEPARTMENT OF CITYWIDE ADMINISTRATIVE SERVICES
- ND — NOT DETECTED

SOURCE: Aerial Map and Transect-Sampling Locations, GEI Consultants • Glaston, Ct. for Key Span Corporation

TRANSECT A
TRANSECT B
TRANSECT C
TRANSECT D
TRANSECT E
TRANSECT F
SITE
(B) 921.2
(13-14.5) 1607.9
(8-9.5) 0.741 (6.5-8)
PRESIDENT STREET

BAYSIDE FUEL OIL DEPOT • BOND STREET TERMINAL
Brooklyn, New York

GOWANUS CANAL SURFACE WATER AND SEDIMANT SAMPLING LOCATIONS NEAR SITE

AKRF, Inc.
Environmental Consultants
440 Park Avenue South, New York, NY 10016

DATE 2.07.06
PROJECT NO. 10442
SCALE 0' 50'
FIGURE NO. 8

TABLES

TABLE 1
CROSS-REFERENCE TABLE
Remedial Investigation Work Plans (RIWP), Remedial Investigation Reports (RIR)
Bayside Fuel Oil Depot – Bond Street Terminal, Brooklyn, New York

Generic List of Agreements Numbers and Description	Addressed in RIWP	To be Included in RIR
Remedial Investigation: General		
1. A statement that the Remedial Investigation Work Plan (RIWP) and Remedial Investigation Report (RIR) will substantially provide the information requested in NYSDEC Division of Environmental Remediation DER-10 Guide (Technical Guide).	Section 1.0	X
2. All documents and reports submitted in fulfillment of consent orders and agreements made with NYSDEC will be submitted in both hard copy and in digital format on CD. Digital submittals will include PDF format files for all documents. Data in tabular format will also be submitted in active source files format (such as Excel).	Hard copy only in this submittal. Approved RIWP will be submitted on CD in PDF format.	X
3. All hard copy submittals have been and will continue to be addressed to assigned Project Managers for both the NYSDEC and NYSDOH. RIR will be submitted in digital and hard copy form (after approval).	NYSDEC and NYSDOH Project Managers will receive document.	X
4. A digital Site map (in PDF file format) will be submitted to the Department and will show Site structures, environmental monitoring apparatus and sampling points (wells, borings, test pits), and an aerial photo of the Site and immediate surrounding area.	Figure 3 includes some elements. Appendix F.	X
5. A surveyed Site map showing the metes and bounds for the subject Site as described in the BCP agreement with New York State has been submitted. The map includes pertinent roadways and on-site structures. Both hard copy and digital form of this map will be submitted in the RIR.	Figures 5 and 7.	X
6. A topographic map of the Site of sufficient scale to assess on-site and local off-site conditions has been provided in the RIWP and the RIR.	Figure 7 provides surface elevations at various Site locations.	X
7. Metes and bounds description of the Site will include a global positioning system coordinate for the starting point for the description.	N/A	X
8. Photographs will be taken of all remedial investigation activities and submitted to NYSDEC in digital form on a CD(s). Photos will illustrate all remedial investigation elements and will be of acceptable quality. Representative photos of the Site prior to any remedial actions will be provided. Representative photos will be provided of contaminant sources and source areas and structures. Photos will be submitted to NYSDEC on CD and will be sent to NYSDEC's Project Manager (two copies) and to NYSDOH Project Manager (one copy). A photo log keyed to photo file ID numbers will be prepared to provide explanation for all representative photos.	Section 5.1	X

Generic List of Agreements Numbers and Description	Addressed in RIWP	To be Included in RIR
9. Acknowledgement has been made that the Applicant, Volunteer, Responsible Party, and associated parties preparing the remedial documents submitted to the State, and parties performing this work, are completely responsible for the safe performance of all invasive work and the structural integrity of excavations, and structures that may be affected by those excavations (such as building foundations and bridge footings).	Section 2.0	N/A
10. Project numbers do and will continue to appear on the cover and face page of all reports.	X	X
11. All acronyms used in each present report and future reports will be explained.	Definition provided first time acronym used.	X
12. An emergency contact sheet is provided to NYSDEC's Project Manager. That document will define the specific Project contacts for use by NYSDEC and NYSDOH in the case of a day or night emergency.	Section 3.2 of HASP in Appendix A (pg. A-9).	N/A
13. All Project reports will be submitted in digital form after approval by NYSDEC and NYSDOH.	To be submitted as PDF File in RIR.	X
14. A separate list of all local, State, and federal governmental permits, certificates, or other approvals or authorizations required to perform the remedial and development work will be submitted in the Remedial Action Work Plan (RAWP), and will include the agency, a contact name, and contact phone number.	N/A	X
15. A comprehensive Project schedule for Remedial Investigation is included in the RIWP.	Section 6.0	N/A
16. An itemized summary of projected costs for the proposed remedial activity will be submitted as an appendix to the RIR. Final costs will be reported as an appendix to the Remedial Investigation.	N/A	X
Areas of Concern		
17. A Site map has been submitted that shows all of the Areas of Concern (AOCs) that have been identified for the Project. Map will be to scale. Available maps of drainage systems will be summarized and will include interpretation of piping lines that have environmental significance.	Figure 3	X
18. All AOCs are being investigated and results will be presented in the Remedial Investigation. Each AOC will be assessed for the need for remedial action in the RAWP.	Section 2.0 and Figure 3	X
19. Site maps (or portions thereof) will be submitted that provide comprehensive plume analysis showing the concentrations of critical chemicals in groundwater (isopleth maps) that pertain to specific AOCs. The plume analysis will include relevant chemical parameters (i.e. benzene, tetrachloroethylene, etc.) and indices (total VOC's). The hydrogeologic strata represented in the map (i.e. fill, upper glacial aquifer, etc.) will be identified.	N/A	X

Generic List of Agreements Numbers and Description	Addressed in RIWP	To be Included in RIR
20. A plan will be submitted for definition of groundwater plumes with special attention to delineation of the areas of greatest concentration of critical contaminants and the limits of the plume in the down-gradient direction (generally defined as the attainment of groundwater standards). In latter stages of the Project, sampling of down-gradient wells may be required to assess the success of remedial measures (Remedial Performance Monitoring) to be taken during the Remedial Action or Interim Remedial Action and subsequent remedial phases.	N/A	X
21. A Site map showing the defined AOCs with an overlay of the Site development plan will be submitted. The latter will be linked with the description of the proposed end usage of the property and buildings in the text of the report and will be coordinated with NYSDOH.	To be included in the RIR. The AOCs and sampling points are included on Figure 3.	N/A
22. A plan for identification of subterranean piping and fuel conveyance systems will be submitted. An analysis of the piping system and its environmental ramifications will be provided with summary maps of the piping systems.	Section 2.1.2	X
23. A table of data that reports measurement of non-aqueous phase liquid (NAPL) thickness in monitor wells will be presented, if detected. The table will also identify locations where there was evidence of NAPL in borings and the approximate thickness based on boring log observations. Tables should also show where free product was **not** identified. Graphical depictions (maps, etc.) should be provided to show the distribution of NAPL on-site.	N/A	X – if applicable
24. The design of monitor wells will be assessed to determine their capacity for detecting free product (i.e., appropriate screen interval relative to the water table to detect floaters [LNAPL] or sinkers [DNAPL]).	Section 2.2.3	X – if applicable
Record Search		
25. Sanborn maps will be submitted.	Appendix D	N/A
26. Each AOC will be investigated through direct field assessment including, but not limited to geophysical, subsurface soil sampling, and groundwater monitoring.	Sections 2.1 and 2.2	N/A
27. All Sanborn maps for the Site are presented at a sufficient scale to be legible.	Appendix D	N/A
Land Usage		
28. A map that shows the land usage in the area surrounding the Site will be submitted. The map must be in compliance with guidance in DER-10. The map should include sensitive land uses from a human health perspective (schools, day care, etc.) and sensitive environmental receptors (surface waters, etc.). A map should also include the proximity to the nearest water source.	Figure 4	N/A
Sampling Plan		
29. A table of proposed samples is included showing all samples that will be collected during Site investigations. Samples shown in the table have been cross-referenced with Site maps that show sampling locations.	Tables 2A and 2B and Figure 3	N/A

Generic List of Agreements Numbers and Description	Addressed in RIWP	To be Included in RIR
30. Analytical methods for all chemical analyses for all media have been summarized in an Analytical Summary Table to be presented in the RIWP and the RIR. This table includes, at a minimum matrix type; number of samples per matrix; number of field and trip blanks; analytical parameters tested for each media; associated analytical test methods; number of MS/MSD samples; holding times and preservation methods; sample container type; description of sample methods; and sample storage methods.	Table 3	X
Chemical Data and Information		
31. All outstanding data from prior investigations will be summarized, evaluated, and reported in the Remedial Investigation.	Section 1.4	N/A
32. A Site map showing the location of NAPL with postings of data will be submitted. The maps will also include an indication of areas where free product was not located based on reliable monitor well and other data. As necessary, maps of individual AOCs will be provided showing existing sample locations and results for groundwater and soil, all observed thickness of free product in wells, all observed thickness of product-saturated soil/fill in boring logs, and proposed sample locations to complete definition of free product in groundwater/soil.	N/A	X – if applicable
33. Tables of chemical data for soil, groundwater and other environmental media will be submitted to provide summaries of all sampling. Appropriate standards, criteria and guidance values (i.e. Class GA Groundwater Standards, TAGM #4046, etc.) should be included for comparison. All data must be reported in the Remedial Investigation including data from earlier phases of study.	Referenced in Section 5.1	X
34. A table summarizing exceedances of applicable standards, criteria, and guidance for groundwater, soil, surface water, and other environmental media will be submitted.	Referenced in Sections 5.1.2 and 5.1.3	X
35. Table summarizing exceedances of proposed Site-specific soil action levels (SSSALs) will be submitted.	Referenced in Section 5.1.2	X
36. A table of chemical data for computed index parameters (i.e., total cPAH, B(a)P equivalents, total SVOC's, total VOC's, etc.) will be submitted. This data can be included as part of other tables.	Referenced in Sections 5.1.2 and 5.1.3	X
37. Large-dimension Site maps (sheets) showing posted data for all exceedances of standards, criteria, and guidance values for groundwater, soil, surface water, and sediment will be submitted.	Referenced in Sections 5.1.2 and 5.1.3	X
38. Maps of individual VOC AOCs will be submitted showing existing sample locations and results for groundwater and soil. Proposed supplemental sample locations required to complete definition of AOC in groundwater/soil and design of remedy should be shown.	Referenced in Section 5.1	X
Groundwater Monitor Wells and Hydrogeology		

Generic List of Agreements Numbers and Description	Addressed in RIWP	To be Included in RIR
39. Groundwater equipotential maps containing current data from on-site monitor wells will be submitted. Maps will be presented for discrete water-bearing zones and must not mix equipotentials for different water-bearing zones. If multiple water-bearing zones are encountered, separate maps will be provided for each zone. Average data for multiple hydraulic head measurements and data from different measurement events will not be used to create equipotential maps. Average data will be acceptable where a detailed tidal fluctuation analysis has been performed during a single measurement event.	Referenced in Section 5.1	X
40. A table of data for all water level measurements taken at wells on-site will be submitted. The table should include date and time of measurement, and the time of the most recent high and low tide for tidally-influenced environments.	N/A	X
41. A table of data on the construction details for monitor wells that have been built on-site. This will include screen elevations, date of construction, geologic interval screened, and current status (i.e., available for sampling, destroyed, intact, needs development, etc.).	Referenced in Sections 2.2.3 and 2.2.5, and Section 5.1.1	X
42. Coordinates to a Site-related system (compatible with the architect's system) will be provided for all groundwater monitor wells, soil borings and test pits performed for Site characterization. One location will be coordinated with GPS coordinates. These features will also be surveyed.	Referenced in Section 2.0	X
Stratigraphy		
43. Representative geologic cross sections will be submitted that show the occurrence of geologic strata within the entire stratigraphic section likely to be affected by contaminants beneath the Site. These sections will clearly define the hydrostratigraphic significance of unconsolidated layers (water-yielding aquifers such as fill, sands, and gravel; aquacludes such as clay; aquatards such as silt or till; etc.) and fractured and competent bedrock. These maps may also be used as base maps for other presentations that show monitor well placement, soil sample collection points and analytical results, and hydraulic head.	Referenced in Section 5.1	X
Monitor Well Construction and Sampling		
44. Wells will be developed aggressively to remove fines from the formation, sand pack, and well trap. Quiescent well purging and low-flow sampling methods will be used to minimize suspension and mobilization of fines in the well and formation during sampling.	Sections 2.2.4 and 2.2.5	N/A
45. Wells will be constructed with a minimum two-foot blind pipe sediment trap at its base. A cap will be placed over the base of the trap.	Section 2.2.3	N/A
Soil Gas		
46. A soil gas investigation will be undertaken to determine the presence of methane and VOCs. Perimeter soil gas data and interpretation will be performed at the Site and presented in the RIR.	Section 2.3	X
Geophysical Study		

Generic List of Agreements Numbers and Description	Addressed in RIWP	To be Included in RIR
47. Geophysical pilot studies should be considered to assess the most effective method for use at the Site. Gradiometer magnetometry should be considered to enable distinction of the magnitude and depth of metallic objects in the subsurface.	Section 2.1.1	X
Qualitative Human Health Assessment		
48. An off-site Qualitative Human Health Exposure Assessment will be performed and reported. Sampling necessary to complete this assessment will be performed. Analysis will include current and future exposure assessment scenarios.	Section 5.1.4	X
49. A Site map showing the defined AOCs with an overlay of the Site development plan will be submitted, if required by NYSDEC.	Figure 3 and Section 1.2	X
50. A Site map and plan will be submitted that shows the design detail and location for each of the proposed final surfaces contemplated for the Site. This should include, at a minimum, building structure areas, concrete/asphalt areas, and soil cover on open areas.	Figure 5	X
51. An off-site Environmental Exposure Assessment will be performed. Where appropriate, surface water sample collection will be included in the characterization program to support the environmental exposure assessment analysis.	To be determined by NYSDEC and NYSDOH	X
52. Hazardous wastes and other contaminated media generated during the remedial investigation phase will be stored, transported, and disposed in full compliance with applicable local, State, and federal regulations.	Section 3.0	N/A
Reporting		
53. Daily Reports will be provided to the Project Manager for NYSDEC and NYSDOH during all periods of major investigative activity on remedial projects, if requested. These reports will include daily activities, a summary of substantive findings, and other pertinent information, including all complaints received from the public.	Section 5.3	N/A
Odor Control Plan		
54. An odor control plan will be submitted that is capable of controlling emissions of nuisance odors off-site, and on-site, where there are residents or tenants on the property. Specific odor control methods to be used on a routine basis will be defined in the RIWP. If nuisance odors are identified, work will be halted and the source of odors will be identified and corrected. Work will not resume until all nuisance odors have been abated. NYSDEC and NYSDOH will be notified of all odor events and of all other complaints. Implementation of all odor controls, including the halt of work, will be the responsibility of the Applicant.	Sections 2.7 and 2.8 of the HASP in Appendix A	N/A
Health And Safety Plan		
55. The Health and Safety Plan (HASP) will be submitted as a separate, stand alone document independent from the Project plans.	HASP attached as Appendix A	N/A

Generic List of Agreements Numbers and Description	Addressed in RIWP	To be Included in RIR
56. The Applicant, Volunteer, Responsible Party, and associated parties preparing the remedial documents submitted to the State, and parties performing this work, are completely responsible for the preparation of an appropriate HASP and for the appropriate performance of work according to that plan. This plan must cover both the remedial work and tank removal work and will be submitted separately from all other investigation and remediation documents prepared under applicable agreements with New York State. This document is being submitted to the State for review. This document is the full responsibility of the above referenced parties and will not be formally approved by the State.	HASP attached as Appendix A	N/A
57. The Site Safety Coordinator has been identified. Her resume has been provided.	Appendix C of the HASP	N/A
58. Details of the Community Air Monitoring Plan (CAMP) have been defined and will be coordinated with the NYSDOH.	Section 2.7 of the HASP in Appendix A	N/A
59. Exceedances observed in the CAMP will be reported in the daily report to the NYSDEC Project Manager.	Section 5.3 of the RIWP and Section 2.7 of the HASP in Appendix A	N/A
60. The HASP includes affirmative statements to indicate procedures to be followed, and not non-committal statements about general requirements for such work.	Throughout the HASP	N/A
61. HAZWOPER training will be provided as required for remedial investigation activities as appropriate.	Section 2.3 of the HASP in Appendix A	N/A
Citizen Participation		
62. All draft Fact Sheets will be provided to the Department.	Section 7.0	X
63. Fact Sheets are the property of New York State. The Applicant will assist in their preparation (such as the development of draft Fact Sheets) and their distribution. Fact Sheets approved by NYSDEC will be issued under this Project. No changes will be made to approved Fact Sheets authorized for release by NYSDEC without the express consent of the Department in writing. No other information, such as brochures and flyers, will be included with the Fact Sheet mailing.	Section 7.0	X
64. A certification of mailing will be sent by the Applicant to the NYSDEC Project Manager following distribution of all Fact Sheets and notices, providing certification that the Fact Sheets were mailed, when they were mailed, a copy of the Fact Sheet, and a list of recipients.	Section 7.0	N/A
Remedial Investigation Report		
65. A Final Remedial Investigation Report (RIR) will be submitted that transmits the results of all Site investigation data and information, including all of the data obtained during preliminary and supplemental investigations, and thorough evaluation of that data.	Section 5.1	X

Generic List of Agreements Numbers and Description	Addressed in RIWP	To be Included in RIR
66. All primary contaminant sources (including but not limited to tanks and hotspots) identified during Site characterization, remedial investigation, and remedial action will be surveyed by a surveyor licensed to practice in the State of New York and will be reported in the RIR. The location of these sources will also be reported in the Final RIR.	Section 5.1	X
67. The RIR will include a conceptual Site model that explains the occurrence of contaminant sources and their fate and transport at the Site in the context of the local Site stratigraphy and hydrogeology. The conceptual model will utilize both plan and cross-sectional views of the Site.	Section 5.1	X

TABLE 2A
PROPOSED SAMPLES AND SAMPLE COLLECTION METHODOLOGY – SOIL AND GROUNDWATER
Bayside Fuel Oil Depot – Bond Street Terminal, Brooklyn, New York

		SOIL SAMPLING			GROUNDWATER SAMPLING		
Boring Location	**Depth of Boring**	**Soil Sampling Interval**	**Criteria for Soil Samples Submitted for Laboratory Analyses**	**Soil Sample Analytes**	**Monitoring Well Installation**	**No. of Groundwater Samples Submitted for Analysis**	**Groundwater Sample Analytes**
MW-5 MW-7S MW-8S MW-13S	9' below groundwater table, including 2' sump.	Continuous sampling at two-foot intervals, starting immediately below former building slabs down to two feet below groundwater table and every five feet thereafter.	One sample per boring collected at the interval with highest PID reading and/or visual and olfactory evidence of contamination. If no contamination observed, the sample will be collected at soil-groundwater interface. Two extra soil samples allocated for analysis.	TCL VOCs + MTBE, TCL SVOCs, TAL Metals, PCBs, Pesticides.	YES	One sample per well, collected using low-flow sampling technique.	TCL VOCs, MTBE, TCL SVOCs, PCBs, Pesticides, TAL Metals (total), TAL Metals (dissolved)*
MW-7D MW-8D MW13D	19' below groundwater table, including 2' sump.	No soil sampling.	No soil sampling.				
MW-4 MW-6 MW-9 MW-10 MW-11 MW-12 MW-14	9' below groundwater table, including 2' sump.	Continuous sampling at two-foot intervals, starting immediately below former building slabs down to two feet below groundwater table, and every five feet thereafter.	One sample per boring collected at the interval with highest PID reading and/or visual and olfactory evidence of contamination. If no contamination observed, the sample will be collected at soil-groundwater interface. Four extra soil samples allocated for analysis.	TCL VOCs + MTBE, TCL SVOCs, TAL Metals	YES	One sample per well, collected using low-flow sampling technique.	TCL VOCs, MTBE, TCL SVOCs, TAL Metals (total), TAL Metals (dissolved)*
MW-1 MW-2 MW-3	Existing Wells	The existing wells will be sounded and the depth of groundwater measured. If sufficient, the wells will be sampled to check the integrity of the 1,500,000-gallon compartmentalized tank.			NO		

TABLE 2A (Continued)
PROPOSED SAMPLES AND SAMPLE COLLECTION METHODOLOGY – SOIL AND GROUNDWATER
Bayside Fuel Oil Depot – Bond Street Terminal, Brooklyn, New York

		SOIL SAMPLING			GROUNDWATER SAMPLING		
Boring Location	**Depth of Boring**	**Soil Sampling Interval**	**Criteria for Soil Samples Submitted for Laboratory Analyses**	**Soil Sample Analytes**	**Monitoring Well Installation**	**No. of Groundwater Samples Submitted for Analysis**	**Groundwater Sample Analytes**
B-2 B-5 B-14	2' below groundwater table.	Continuous sampling at two-foot intervals, starting immediately below former building slab or pavement down to two feet below groundwater table.	One sample per boring collected at the interval with highest PID reading and/or visual and olfactory evidence of contamination. If no contamination observed, the sample will be collected at soil-groundwater interface. Two extra soil samples may be allocated for analysis.	TCL VOCs + MTBE, TCL SVOCs, TAL Metals, PCBs, Pesticides.	NO	N/A	N/A
B-1 B-3 B-4 B-6 B-7 B-8 B-9 B-10 B-11 B-12 B-13	2' below groundwater table.	Continuous sampling at two-foot intervals, starting immediately below former building slabs or pavement down to two feet below groundwater table, and every five feet thereafter.	One sample per boring collected at the interval with highest PID reading and/or visual and olfactory evidence of contamination. If no contamination observed, the sample will be collected at soil-groundwater interface. Two extra soil samples allocated for analysis.	TCL VOCs + MTBE, TCL SVOCs, TAL Metals	NO	N/A	N/A

* Filtering of Samples for dissolved metals will be performed in the laboratory.
See Table 3 for analytical methods and sampling requirements.
MTBE – Methyl tertiary butyl ether

TABLE 2B
PROPOSED SAMPLES AND SAMPLE COLLECTION METHODOLOGY – SOIL VAPOR
Bayside Fuel Oil Depot – Bond Street Terminal, Brooklyn, New York

SOIL VAPOR SAMPLING				
Vapor Probe Location	**Depth of Boring (Feet)**	**Vapor Sampling Interval (Feet)**	**Criteria for Vapor Samples Submitted for Laboratory Analyses**	**Vapor Sample Analytes**
SG-1S SG-1D SG-2S SG-2D SG-3D SG-4D MS/MSD B-1 B-2 T-1	5.5 12.5* 5.5 12.5* 12.5* 12.5* 5.5 or 12.5* Ground level Ground level Trip Blank	5-5.5 12-12.5* 5-5.5 12-12.5* 12.5* 12.5* 5-5.5 or 12-12.5* Ground Level Ground Level Trip Blank	Soil Vapor Probes SG-1S, SG-1D, SG-2S, SG-2D, SG-3D, and SG-4 D will be purged prior to collecting samples. The purged air, collected in a Tedlar bag, will be analyzed for methane, VOCs using a PID meter, and helium. Samples will only be collected if helium is not detected. One eight-hour background sample (B-1 and B-2) will be collected each day of sampling. One Summa canister will be selected at random to serve as a trip blank (T-1). It will be filled with certified clean air upon returning to the laboratory and will be analyzed with the other Summa canisters.	EPA Method TO-15 – Volatile Organic Compounds (VOCs)
Note: * The deep soil vapor probes will be installed at a depth such that the bottom of the six-inch sampling screen is approximately two feet above the high groundwater level.				

TABLE 3
LABORATORY ANALYTICAL METHODS AND REQUIREMENTS
Bayside Fuel Oil Depot - Bond Street Terminal, New York, NY

MATRIX	SAMPLES PER MATRIX	FIELD BLANKS	MS/MSD SAMPLES	TRIP BLANKS	PARAMETER	EPA METHOD	SAMPLE CONTAINERS	PRESERVATION	HOLDING TIMES
SOIL SAMPLES	38 Total. 11 with PCB's and Pesticides. 27 without PBCs and Pesticides.	TBD	2 Min.	2 Min.	TCL VOCs + MTBE	8260	2-oz. clear glass Septum	4°C	14 days
				0	TCL SVOCs	8270	8-oz. clear glass	4°C	14 days
					TAL Metals	1311/6010B/7470A		4°C	6 months (28 days for Hg)
					PCBs	8081		4°C	14 days
					Pesticides	8082		4°C	14 days
GROUNDWATER SAMPLES	17 Total. 7 with PCBs and Pesticides. 10 without PCBs and Pesticides.	TBD	1 Min.	1 Min.	TCL VOCs + MTBE	8260	(2) 40-ml clear glass vial	HCl, 4°C	14 days
				0	TCL SVOCs	8270	(2) 1-L amber glass	4°C	7 days
					PCBs	8081	(2) 1-L amber glass	4°C	7 days
					Pesticides	8082			
					TAL Metals (total)	6000/7000 series	500-mL plastic	HNO_3, 4°C	6 months (28 days for Hg)
					TAL Metals (dissolved)*	6000/7000 series	500-mL plastic	4°C	ASAP
TANK EXCAVATION ENDPOINT SAMPLES	Dependent on number of tanks and size of excavation (min. 5)	1 Min. per 20 samples	1 Min. per 20 samples	1 per 20 samples	STARS VOCs + MTBE	8021	2-oz. clear glass Septum	4°C	14 days
				0	STARS SVOCs	8270	4-oz. clear glass	4°C	14 days
SOIL VAPOR SAMPLES	10 Total.	2**	1	1	VOCs	TO-15	3.0-Liter Summa canister	N/A	14 days

NOTES:
* Filtering of samples for dissolved metals analysis will be performed in the laboratory.
ASAP - As soon as possible
TBD - To be determined after consultation with NYSDEC
** Background sample - 6.0 Liter Summa camister (1 each day of sampling)

Table 4
Well Purging Stabilization Criteria
Bayside Fuel Oil Depot – Bond Street Terminal, Brooklyn, New York

PARAMETER	STABILIZATION CRITERIA
pH	+/- 0.1 pH units
Specific Conductivity	+/- 3% mS/cm
ORP/Eh	+/- 10mV
Turbidity	<50 NTU
Dissolved Oxygen	+/- 0.3 mg/l

Notes: ORP = oxidation-reduction potential
mS/cm = millisiemens per centimeter
mV = millivolts
NTU = nephelometric turbidity units
mg/l = milligrams per liter

TABLE 5

NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTEWATER TREATMENT
LIMITATIONS FOR EFFLUENT TO ***SANITARY OR COMBINED*** SEWERS

Parameter[1]	Daily Limit	Units	Sample Type	Monthly Limit
Non-polar material[2]	50	mg/L	Instantaneous	---
pH	5-11	SU's	Instantaneous	---
Temperature	<150	Degree F	Instantaneous	---
Flash Point	>140	Degree F	Instantaneous	---
Cadmium	2 0.69	mg/L mg/L	Instantaneous Composite	--- ---
Chromium (VI)	5	mg/L	Instantaneous	---
Copper	5	mg/L	Instantaneous	---
Lead	2	mg/L	Instantaneous	---
Mercury	0.05	mg/L	Instantaneous	---
Nickel	3	mg/L	Instantaneous	---
Zinc	5	mg/L	Instantaneous	---
Benzene	134	ppb	Instantaneous	57
Carbontetrachloride	---	---	Composite	---
Chloroform	---	---	Composite	---
1,4 Dichlorobenzene	---	---	Composite	---
Ethylbenzene	380	ppb	Instantaneous	142
MTBE (Methyl-Tert-Butyl-Ether)	50	ppb	Instantaneous	---
Naphthalene	47	ppb	Composite	19
Phenol	---	---	Composite	---
Tetrachloroethylene (Perc)	20	ppb	Instantaneous	---
Toluene	74	ppb	Instantaneous	28
1,2,4 Trichlorobenzene	---	---	Composite	---
1,1,1 Trichloroethane	---	---	Composite	---
Xylenes (Total)	74	ppb	Instantaneous	28
PCB's (Total)[3]	1	ppb	Composite	---
Total Suspended Solids (TSS)	350[4]	mg/L	Instantaneous	---
CBOD[5]	---	---	Composite	---
Chloride[5]	---	---	Instantaneous	---
Total Nitrogen[5]	---	---	Composite	---
Total Solids[5]	---	---	Instantaneous	---
Other				

1 All handling and preservation of collected samples and laboratory analyses of samples shall be performed in accordance with 40 C.F.R. pt. 136. If 40 C.F.R. pt. 136 does not cover the pollutant in question, the handling, preservation, and analysis must be performed in accordance with the latest edition of "Standard Methods for the Examination of Water and Wastewater." All analyses shall be performed using a detection level less than the lowest applicable regulatory discharge limit. If a parameter does not have a limit, then the detection level is defined as the least of the Practical Quantitation Limits identified in NYSDEC's Analytical Detectability and Quantitation Guidelines for Selected Environmental Parameters, December 1988

2 Analysis for ***non-polar materials*** must be done by EPA Method 1664 Rev. A. Non-Polar Material shall mean that portion of the oil and grease that is not eliminated from a solution containing N–Hexane, or any other extraction solvent the EPA shall prescribe, by silica gel absorption.

3 Analysis for PCB=s is required if ***both*** conditions listed below are met:
1) if proposed discharge ≥10,000 gpd;
2) if duration of a discharge >10 days.
Analysis for PCBs must be done by EPA Method 608 with MDL=<65 ppt. PCB's (total) is the sum of PCB-1242 (Arochlor 1242), PCB-1254 (Arochlor 1254), PCB-1221 (Arochlor 1221), PCB-1232 (Arochlor 1232), PCB-1248 (Arochlor 1248), PCB-1260 (Arochlor 1260), and PCB-1016 (Arochlor 1016).

4 For discharge ≥10,000 gpd, the TSS limit is 350 mg/L. For discharge <10,000gpd, the limit is determined on a case by case basis.

5 Analysis for Carbonaceous Biochemical Oxygen Demand (CBOD), Chloride, Total Solids, and Total Nitrogen are required if proposed discharge ≥10,000 gpd.

Effective from May 1, 2005

APPENDICES

APPENDIX A

HEALTH AND SAFETY PLAN

AKRF, Inc.
440 Park Avenue South New York, NY 10016
212-696-0670

Submitted to:

Gowanus Canal JV, LLC
277 Northern Boulevard,
Suite 203
Great Neck, NY 11021

REMEDIAL INVESTIGATION HEALTH AND SAFETY PLAN

Bayside Fuel Oil Depot - Bond Street Terminal
Brooklyn, New York

Project Number: 10442
BCP ID C224080

February 2006

Bayside Fuel Oil Depot – Bond Street Terminal

BCP ID No. C224080

BROOKLYN, NEW YORK

Remedial Investigation Health and Safety Plan

AKRF Project Number: 10442

Prepared for:

Gowanus Canal Joint Venture, LLC
277 Northern Boulevard
Great Neck, NY 11021

Prepared by:

AKRF, Inc.
440 Park Avenue South
New York, NY 10016
212-696-0670

OCTOBER 2005

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FIGURE

Figure 1 – Map of Site and Route to Nearest Hospital

APPENDICES

Appendix A	Potential Health Effects From On-site Contaminants
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1.0 INTRODUCTION

The Bayside Fuel Oil Depot-Bond Street Terminal Site is an approximately 2.3-acre property located at 510 Sackett Street and 267-285 Bond Street in the Carroll Gardens neighborhood of Brooklyn, New York (see Figure 1, Map of Site and Route to Nearest Hospital). The Site is currently used for manufacturing and contains office and garage buildings, a truck parking lot, and a fuel depot registered as a Major Oil Storage Facility (MOSF).

The Site also has an extensive history of industrial use, including a coal yard, truck rental, and auto and truck repair. Current and former aboveground and underground storage tanks were identified on the Project Site that were used for the storage of gasoline, fuel oil, kerosene, and unknown contents. Previous soil and groundwater investigations at the Site have indicated elevated levels of volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), and metals.

The proposed Project includes the construction of new buildings and a cellar-level parking garage, which cover approximately 90 percent of the Site. This project will provide approximately 20,000 square feet of retail space, 300,000 square feet of residential space, and open space along the Gowanus Canal. Construction activities also include the removal of all existing buildings and structures on the Site, including all aboveground and belowground storage tanks and fill lines, and the excavation of existing soil to a depth of 1.5 feet above mean sea level. The duration of construction is approximately 36 months.

A combined draft 2002 Phase I/Phase II Environmental Site Assessment (ESA), dated December 27, 2002, was performed for the Site by Galli Engineering, P.C. This investigation identified numerous recognized environmental conditions (RECs) from on-site and off-site sources. On-site RECs included aboveground and subsurface petroleum storage tanks, a 1,500,000-gallon compartmentalized tank (MOSF), soil and groundwater contamination from a leaking tank, and a former coal storage area. Identified off-site RECS include vehicle maintenance and repair garages; a large manufacturing facility, which appeared to include facilities for chemical handling; and adjacent underground storage tanks. Chemical discharges from these facilities may result in contaminated groundwater flowing beneath the Site.

A Remedial Investigation (RI) will include the following tasks:

- A geophysical survey across the Site to determine the presence of suspected underground storage tanks.
- An investigation of the identified geophysical anomalies through the excavation of test pits, followed by the removal of any uncovered underground storage tanks.
- A subsurface investigation, including the sampling and analysis of subsurface soil and groundwater, to characterize on-site soils and groundwater.
- The installation of vapor probes (soil gas wells), followed by the sampling and analysis of the soil gas for VOCs.

This environmental Health and Safety Plan (HASP) has been developed for implementation of Site investigation activities conducted by all personnel on-site, both AKRF employees and others. This HASP does not discuss other routine health and safety issues common to general construction/excavation, including but not limited to slips, trips, falls, shoring, and other physical hazards.

All AKRF employees are directed that all work must also be performed in accordance with the Company's Generic HASP and all applicable OSHA regulations for the work activities required for the Project. All Project personnel are furthermore directed that they are not permitted to enter Permit

Required Confined Spaces (as defined by OSHA). For issues unrelated to contaminated materials, all non-AKRF employees are to be bound by all applicable OSHA regulations, as well as any more stringent requirements specified by their employer in their corporate HASP or otherwise. AKRF is not responsible for providing oversight for issues unrelated to contaminated materials for non-employees. This oversight shall be the responsibility of the employer of that worker or another official designated by that employer.

Gowanus Canal, JV, LLC, AKRF, and the parties performing this work, are completely responsible for the appropriate performance of work according to this HASP. This plan covers only RI work and a specific interim remedial measure (IRM) – the removal of underground tanks. This HASP will be updated after the RI is complete to include remedial activities and general construction work when the remedial action options are assessed.

2.0 HEALTH AND SAFETY GUIDELINES AND PROCEDURES

2.1 Hazard Evaluation

2.1.1 Hazards of Concern

Check all that apply		
(x) Organic Chemicals	(x) Inorganic Chemicals	( ) Radiological
( ) Biological	(x) Explosive/Flammable	(x) Oxygen Deficient Atmosphere
(x) Heat Stress	(x) Cold Stress	( ) Other
Comments: No personnel are permitted to enter permit confined spaces		

2.1.2 Physical Characteristics

Check all that apply		
(x) Liquid	(x) Solid	(x) Sludge
(x) Vapors	(x) Unknown	( ) Other
Comments:		

2.1.3 Hazardous Materials

Check all that apply					
Chemicals	**Solids**	**Sludges**	**Solvents**	**Oils**	**Other**
( ) Acids	(x) Ash	( ) Paints	( ) Halogens	(x) Transformer	( ) Lab
( ) Caustics	( ) Asbestos	( ) Metals	(x) Petroleum	( ) Other DF	( ) Pharm
( ) Pesticides	( ) Tailings	( ) POTW	( ) Other	(x) Motor or Hydraulic Oil	( ) Hospital
(x) Petroleum	( ) Other	(x) Other – Tars & Other NAPL Petroleum sludge in tanks		( ) Other	( ) Rad.
( ) Inks					( ) MGP
(x) PCBs					( ) Mold
(x) Metals					( ) Other
(x)Other: VOCs & SVOCs					

2.1.4 Chemicals of Concern

Chemicals	REL/PEL/STEL (ppm)	Health Hazards
Benzene	REL = 0.1 ppm PEL = 1 ppm STEL = 5 ppm	Irritated eyes, skin, nose, respiratory system; dizziness; headache, nausea, staggered gait; anorexia, lassitude, dermatitis; bone marrow depression, potential occupational carcinogen.
Toluene	REL = 100 ppm PEL = 200 ppm STEL = 300 ppm	Irritated eyes, nose; lassitude, confusion, euphoria, dizziness, headache; dilated pupils, lacrimation (discharge of tears); anxiety, muscle fatigue, insomnia; paresthesia; dermatitis; liver, kidney damage.
Ethylbenzene	REL = 100 ppm PEL = 100 ppm	Irritated eyes, skin, mucous membrane; headache; dermatitis; narcosis, coma.
Xylenes	REL = 100 ppm PEL = 100 ppm	Irritated eyes, skin, nose, throat; dizziness, excitement, drowsiness, incoordination, staggering gait; corneal vacuolization; anorexia, nausea, vomiting, abdominal pain; dermatitis.
Naphthalene	REL = 10 ppm PEL = 10 ppm	Irritated eyes; headache, confusion, excitement, malaise; nausea, vomiting, abdominal pain; irritated bladder; profuse sweating; jaundice; hematuria (blood in the urine), renal shutdown; dermatitis, optical neuritis, corneal damage
PCBs (Arochlor 1254)	REL = 0.001 mg/m^3 PEL = 0.5 mg/m^3 [skin]	Irritated eyes, chloracne; liver damage; reproductive effects; potential occupational carcinogen.
Particulate	PEL = 15 mg/m^3 (total) PEL = 5 mg/m^3 (respirable)	Irritated eyes, skin, throat, upper respiratory system.
Comments: REL = NIOSH Recommended Exposure Limit PEL = OSHA Permissible Exposure Limit STEL = OSHA Short Term Exposure Limit		

2.2 Designated Personnel

AKRF will appoint one of its on-site personnel as the Site Safety Officer (SSO). This individual will be responsible for the implementation of the HASP. The SSO will have appropriate experience in implementation of air monitoring and hazardous materials sampling programs. Health and safety training required for the SSO and all field personnel is outlined in Section 2.3 of this HASP.

2.3 Training

All personnel who enter the work area while intrusive activities are being performed will have completed a 40-hour training course that meets OSHA requirements of 29 CFR Part 1910, Occupational Safety and Health Standards. All personnel shall also have up-to-date eight-hour refresher training. The training shall allow personnel to recognize and understand the potential hazards to health and safety. All field personnel must attend a training program, whose purpose is to:

- Make them aware of the potential hazards they may encounter;
- Provide the knowledge and skills necessary for them to perform the work with minimal risk to health and safety;
- Make them aware of the purpose and limitations of safety equipment; and
- Ensure that they can safely avoid or escape from emergencies.

Each member of the field crew will be instructed in the above objectives before he/she goes onto the Site. A Site safety meeting shall be conducted at the start of the Project. Additional meetings shall be conducted as necessary for new personnel working at the Site.

2.4 Medical Surveillance Program

All AKRF and subcontractor personnel performing field work involving subsurface disturbance at the Site are required to have passed a complete medical surveillance examination in accordance with 29 CFR 1910.120(f). A physician's medical release for work will be confirmed by the SSO before an employee can begin Site activities. The medical release shall consider the type of work to be performed and the required PPE. The medical examination will, at a minimum, be provided annually and upon termination of hazardous waste Site work.

2.5 Site Work Zones

During any activities involving subsurface disturbance, the work area must be divided into various zones to prevent the spread of contamination, ensure that proper protective equipment is donned, and provide an area for decontamination.

The Exclusion Zone is defined as the area where exposure to affected media could be encountered. The Contamination Reduction Zone (CRZ) is the area where decontamination procedures take place; it is located next to the Exclusion Zone. The Support is the area where support facilities, such as vehicles, fire extinguisher, and first aid supplies, are located. The emergency staging area (part of the Support Zone) is the area where all workers on-site would assemble in the event of an emergency. A summary of these areas is provided in Table 1. These zones may be changed by the SSO, depending on that day's activities. All field personnel will be informed of the location of these zones before work begins.

Table 1

Site Work Zone Distances

Task	Exclusion Zone	CRZ	Support Zone
Soil Borings and GWMW Installation	10 ft from drill rig	25 ft from drill rig	As needed
Groundwater Sampling	10 ft from well	25 ft from well	As needed
Vapor Probe Installation and Sampling	10 feet from drill rig	25 ft from drill rig	As needed
Excavation and Tank Removal	10 ft from excavation	As needed	As needed
Comments: Control measures such as "caution tape" and/or traffic cones will be placed around the perimeter of the work area when work is being done in a public area.			

2.6 Work Zone Air Monitoring

Real time air monitoring will be performed with the photoionization detector (PID) and particulate monitor during contaminated soil disturbance activities. Real time air monitoring will be performed with the combustible gas indicator and/or the multi-gas meter during the tank removal activities. Measurements will be taken prior to commencement of work and continuously during the work, and will be made as close to the workers as practicable and at the breathing height of the workers. The Site Safety Officer (SSO) shall set up the equipment and confirm that it is working properly. His/her designee may oversee the air measurements during the day. The initial measurement of the day will be performed before the start of work and will establish the background level for the day. The final measurement for the day will be performed after the end of work. The action levels and required responses are listed in the table in Section 2.6.4.

2.6.1 Volatile Organic Compounds

A photoionization detector (PID) will be used to perform air monitoring during soil, groundwater, and soil vapor sampling, as well as soil disturbance activities conducted at the Site, to determine airborne levels of total volatile organic compounds (VOCs). The PID will be calibrated daily with a 100-ppm isobutylene standard. The PID will be capable of calculating 15-minute running average concentrations and will be equipped with an audible alarm to indicate the exceedance of an action level. The VOC work zone action levels and required responses are listed in the table in Section 2.6.4.

2.6.2 Dust Particulates

A particulate monitor will be used to measure airborne levels of respirable particulates (less than ten microns) during soil disturbing activities. The particulate monitor will be used in accordance with the manufacturer's specifications. The dust particulate work zone action levels and required responses are listed in the table in Section 2.6.4.

2.6.3 Oxygen and Combustible Gases

A combined combustible gas indicator and oxygen meter (CGI/O_2) or a multi-gas meter that measures the lower explosion limit (LEL) of combustible gases, oxygen (O_2), carbon monoxide (CO), and hydrogen sulfide (H_2S), will be used to measure oxygen and combustible gases during tank remediation. The combustible gas indicator and/or the

multi-gas meter will be calibrated daily in accordance with manufacturers' specifications. The CGI/O_2 work zone action levels and required responses are listed in the table in Section 2.6.4.

2.6.4 Work Zone Action Levels and Response Actions

Instrument	Task to be monitored	Action Level	Response Action
PID	All soil disturbances and vapor sampling	Less than 10 ppm in breathing zone	Level D or D-Modified
		Between 10 and 500 ppm	Level C
		More than 500 ppm	Stop work. Resume work when readings are less than 500 ppm.
Particulate monitor	All soil disturbance tasks	Less than 5 mg/m^3	Level D
		Between 5 mg/m^3 and 125 mg/m^3	Level C. Apply dust suppression measures. If <2.5 mg/m^3, resume work using Level D. Otherwise, use Level C.
		Above 125 mg/m^3	Stop work. Apply additional dust suppression measures. Resume work when less than 125 mg/m^3.
Combustible Gas Indicator (CGI) or Equivalent (Note 2)	Tank Removal	Less than 20 percent LEL	Continue work
		Between 20 and 80 percent LEL	Stop work. Resume work when less than 20 percent LEL.
		Above 80 percent LEL	Evacuate Exclusion Zone
Oxygen Meter	Tank Removal	Above 19.5 percent	Continue work
		Below 19.5 percent	Stop work. Resume work when greater than 19.5 percent.

Notes:
1 – 15-minute time-weighted average except for CGI, which is instantaneous reading.
2 – CGI or equivalent must measure oxygen (O_2), carbon monoxide (CO), hydrogen sulfide (H_2S), and combustible gas (LEL).
ppm – parts per million
mg/m^3 – milligrams per cubic meter
LEL – lower explosive limit

2.7 Community Air Monitoring

Perimeter community air monitoring for volatile organic compounds (VOCs) and dust particulates will be conducted during soil disturbance activities, including removal of liquids from tanks (if found), excavation, and removal of underground storage tanks, excavation and removal of contaminated soil around the underground storage tanks, and drilling operations. At the start of work, air-monitoring stations will be established upwind and downwind of the work activities. Exceedances of community air monitoring action levels will be reported in the daily report to the NYSDEC Project Manager.

2.7.1 Volatile Organic Compounds

Monitoring for volatile organic compounds (VOCs) will be conducted using a photoionization detector (PID). Monitoring for VOCs at the upwind station will be conducted at the start of each workday and every time the wind direction changes, to establish background conditions. Monitoring for VOCs at the downwind station will be continuous during soil excavation. If readings approach the Work Zone Action Level in the table in Section 2.6.4, the location of the community monitoring downwind station will be moved to the downwind perimeter of the Site. Background readings and any readings that trigger response actions will be recorded in the project log book, which will be available on-site for NYSDEC/NYSDOH review. The VOC action levels and required responses are listed in the table in Section 2.7.3.

Downwind odor monitoring will be performed during excavation and loading of contaminated soil. If nuisance odors are noted, corrective actions will be implemented in accordance with Section 2.8 and the Expanded Community Air Monitoring and Odor/Vapor Control Plan provided in Appendix F.

2.7.2 Dust Particulates

Community air monitoring for dust particulates will be conducted using a real time particulate monitor that measures the concentration of airborne respirable particulates less than ten micrometers in size (PM_{10}). The monitor will be capable of calculating 15-minute running average concentrations and will be equipped with an audible alarm to indicate the exceedance of action levels. Monitoring for particulates at the upwind location will be conducted at the start of each workday and every time the wind direction changes, to establish background conditions. Monitoring at the downwind station will be continuous during soil excavation. If readings approach the Work Zone Action Levels in the table in Section 2.6.4, the location of the community monitoring downwind station will be moved to the downwind perimeter of the site. Background readings and any readings that trigger response actions will be recorded in the project logbook, which will be available on site for NYSDEC/NYSDOH review. The dust particulate community action levels and required responses are listed in the table in Section 2.7.3.

2.7.3 Community Action Levels and Response Actions

Instrument	Task to be Monitored	Action Level	Response Action
PID	All soil disturbance tasks	Less than five ppm above background at downwind perimeter.	Continue work.
		Between ten and 25 ppm above background at downwind perimeter.	Stop work and continue monitoring. If organic vapor levels (instantaneous reading) steadily decrease to less than five ppm, resume work. If organic vapor levels persists at >5 ppm, identify source and take steps to abate emissions. Work can resume if organic vapor level (15-minute average) is below 5 ppm at 200 feet downwind of work zone, or half the distance to the nearest potential receptor, whichever is closer.
		More than 25 ppm above background at downwind perimeter.	Shut down job.

Instrument	Task to be Monitored	Action Level	Response Action
Particulate monitor	All soil disturbance tasks	Less than 100 $\mu g/m^3$ above background (upwind perimeter) at downwind perimeter.	Continue work.
		Between 100 and 150 $\mu g/m^3$ above background (upwind perimeter) at downwind perimeter.	Apply dust suppression measures. Work can continue provided downwind PM_{10} particulate levels do not exceed 150 $\mu g/m^3$ above background levels and no visible dust is migrating from the work area.
		Greater than 150$\mu g/m^3$ above background (upwind perimeter) at downwind perimeter after dust suppression.	Stop work. Apply additional dust suppression measures. Resume work when PM_{10} particulate levels fall under than 150 $\mu g/m^3$ above background levels and no visible dust is migrating from the work area.
Notes: ppm – parts per million $\mu g/m^3$ – micrograms per cubic meter			

2.8 Contingency Community Air Monitoring and Odor/Vapor Control Plan

Community air monitoring during subsurface disturbance activities will be performed in accordance with Section 2.7. Disturbance activities as part of the Remedial Investigation Work Plan (RIWP) include soil borings and potential tank removal activities. If the community air monitoring and action level response measures described in Section 2.7 are not adequate to prevent repeated exceedances of perimeter monitoring action levels, or to prevent off-site nuisance odor impacts as detected by the community air monitoring program, the following measures will be implemented:

- The invasive activities that resulted in the repeated exceedances will be suspended.
- The NYSDEC and NYSDOH will be notified.
- The suspended activities will not be resumed until the Expanded Community Air Monitoring and Odor/Vapor Control Plan can be implemented. The Expanded Community Air Monitoring and Odor/Vapor Control Plan is attached in Appendix F.

2.9 Personal Protection Equipment

The personal protection equipment (PPE) required for various kinds of Site investigation tasks are based on 29 CFR 1910.120, Hazardous Waste Operations and Emergency Response, Appendix B, "General Description and Discussion of the Levels of Protection and Protective Gear." AKRF field personnel and other Site personnel shall wear, at a minimum, Level D PPE. The protection will be based on the air monitoring described in Section 2.6 of this HASP.

LEVEL OF PROTECTION & PPE		Soil Borings and Excavation	Groundwater and Soil Gas Sampling
Level D		Yes	Yes
(x) Steel Toe Shoes	(x) Safety Glasses		
(x) Hard Hat	( ) Face Shield		
(within 25 ft of drill rig/excavator)	(x) Ear Plugs (within 25 ft of drill rig/excavator)		
(x) Work Gloves	(x) Latex Gloves		
Level D – Modified ***(in addition to Level D)***		Potential Contact with NAPL	Potential Contact with NAPL
(x) Tyvek Coveralls	( ) Overboots		
(x) Nitrile Gloves	( ) Saranex Coveralls		
Level C ***(in addition to Level D – Modified)***		If PID >10 ppm (breathing zone)	If PID >10 ppm (breathing zone)
( ) Half-Face Respirator	( ) Particulate Cartridge		
(x) Full Face Respirator	( ) Organic Cartridge		
( ) Full-Face PAPR	(x) Dual Organic/Particulate Cartridge		

2.10 Decontamination Procedures

2.10.1 Personnel Decontamination

Personnel decontamination, if deemed necessary by the Site Safety Officer (SSO), will take place in a designated decontamination area. This area will be delineated for each sampling location. Personnel decontamination will consist of the following steps:

- Soap and potable water wash and potable water rinse of gloves;
- Coverall removal (if applicable);
- Glove removal;
- Disposable clothing removal; and
- Field-wash of hands and face.

2.10.2 Equipment Decontamination

Sampling equipment, such as split-spoons and bailers (if not disposable), will be decontaminated in accordance with the following procedure:

- Wash with solution of Simple Green® and clean tap water;
- Followed by rinse with clean tap water;
- Followed by rinse with clean distilled water;
- Followed by allowing equipment to air dry.

Because the Site is paved, there is no need to decontaminate vehicles used for transporting equipment and personnel over the Site. However, it is recommended that they be washed upon completion of the Project.

2.11 General Work Practices

To protect the health and safety of the field personnel, field personnel will adhere to the guidelines listed below during activities involving subsurface disturbance:

- Eating, drinking, chewing gum or tobacco, and smoking are prohibited, except in designated areas on the Site. These areas will be designated by the Site Safety Officer (SSO).
- Workers must wash their hands and face thoroughly on leaving the work area and before eating, drinking, or any other such activity.
- The workers should shower as soon as possible after leaving the Site. Contact with contaminated or suspected surfaces should be avoided.
- The buddy system should always be used; each buddy should watch for signs of fatigue, exposure, and heat stress.
- Emergency Procedures and Emergency Response Plan (see Section 3.0 below).
- The field crew will be equipped with emergency equipment, such as a first aid kit and disposable eye washes.

In the case of a medical emergency, the SSO will determine the nature of the emergency and he/she will have someone call for an ambulance, if needed. If the nature of the injury is not serious, i.e., the person can be moved without expert emergency medical personnel, he/she should be driven to a hospital by on-site personnel. Directions to the hospital are provided below, and a hospital route map is attached.

3.0 EMERGENCY PROCEDURES AND EMERGENCY RESPONSE PLAN

3.1 Hospital Directions

Hospital Name:	Long Island College Hospital
Phone Number:	718-780-1000
Address/Location:	339 Hicks Street (between Amity Street and Atlantic Avenue) The entrance to the Emergency Room is on Hicks Street, just north of Amity Street. The hospital is 1.2 miles from the Site.
Directions:	Drive west on Sackett Street. Turn RIGHT onto Clinton Street. Proceed four blocks, then turn LEFT onto Warren Street. Proceed two blocks, then turn RIGHT onto Hicks Street. Proceed three blocks to the intersection with Amity Street. Emergency Room entrance is on Hicks Street just north of Amity Street.

A map to the hospital from the Site is attached as Figure 1.

3.2 Emergency Contacts

Company	Individual Name	Title	Contact Number
AKRF	Marcus Simons	Project Director	646-388-9527 (O)
	Richard Gardineer	Project Manager	914-922-2369 (O) 845-596-0552 (C)
	Jessica Leber	Site Safety Officer	646-388-9533 (O) 917-612-6175 (C)
Gowanus Canal JV LLC	John Ferrante	—	516-487-0050 (O)
Subcontractors (driller, tank removal, etc.)	TBD – will be provided prior to start of work.	—	TBD
Ambulance, Fire Department, & Police Department	—	—	911
NYSDEC Spill Hotline	—	—	800-457-7632
NYSDEC (Central Office)	Thomas Gibbons	Project Manager	518-402-9768 (O)
	Robert Cozzy	Section Chief	518-402-9768 (O)
NYSDOH	Nathan Walz	Project Manager	518-402-7860 (O)

4.0 APPROVAL & ACKNOWLEDGEMENTS OF HASP

APPROVAL

Signed:		Date:	

AKRF Project Manager

Signed:		Date:	

AKRF Health & Safety Officer

This affidavit must be signed by all workers who enter the Site. A copy of the HASP must be on-site at all times and will be kept by the SSO.

AFFIDAVIT

I, _____ (name), of _____ (company name), have read the Health and Safety Plan (HASP) for the Bayside Fuel Oil Depot – Bond Street Terminal Site. I agree to conduct all on-site work in accordance with the requirements set forth in this HASP and understand that failure to comply with this HASP could lead to my removal from the Site.

Signed:		Date:	
Signed:		Date:	
Signed:		Date:	
Signed:		Date:	
Signed:		Date:	
Signed:		Date:	
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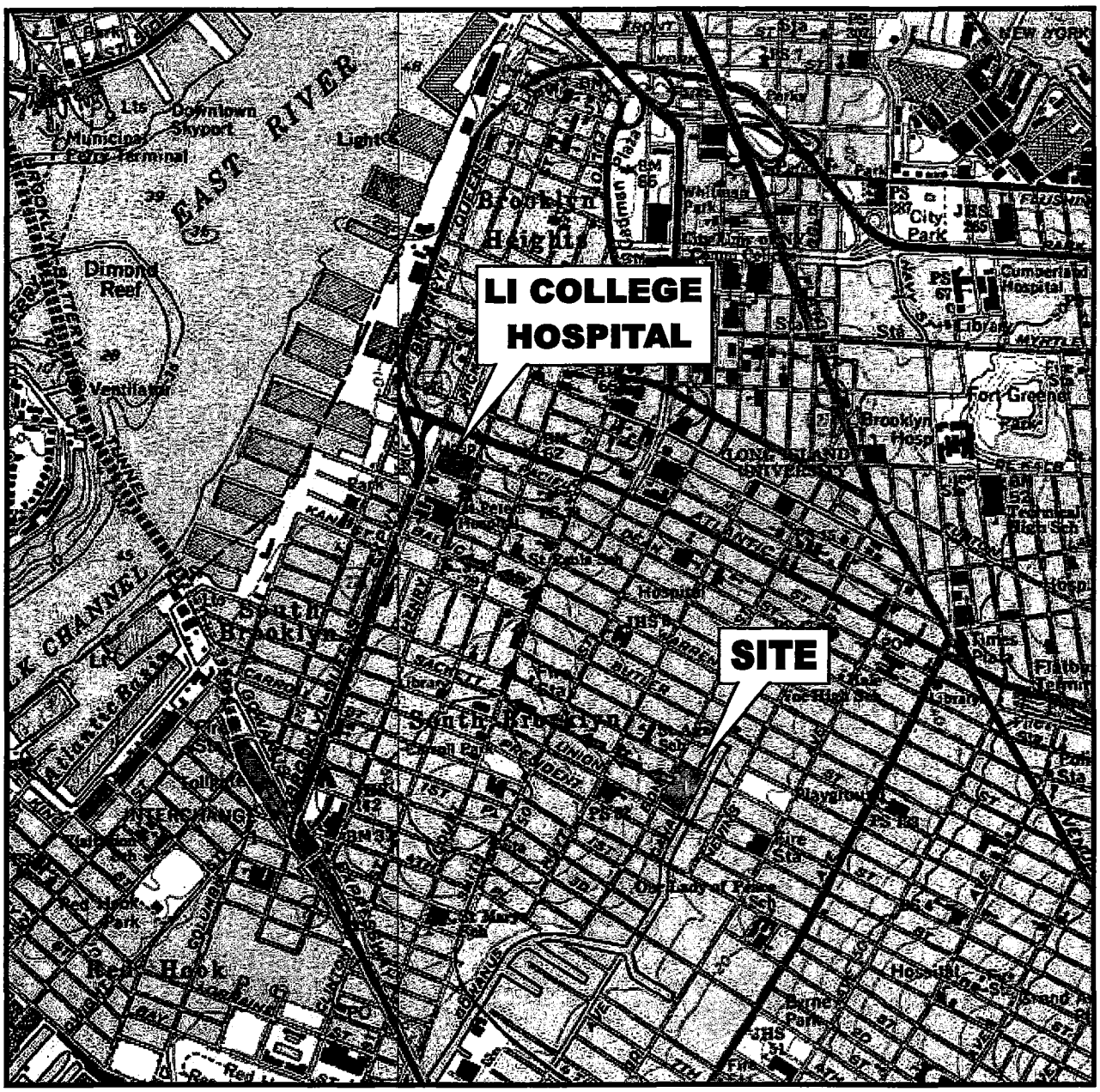
FIGURE



NEW YORK

QUADRANGLE

SCALE IN FEET

0' 1000' 2000' 4000'

SCALE: 1"=2000'

N

SOURCE:

USGS TOPOGRAPHIC MAP—BROOKLYN, N.Y.
QUADRANGLE - DATED 1966, PHOTOREVISED 1979.

Bayside Fuel Oil Depot—Bond Street Terminal
Brooklyn, New York

PROJECT SITE LOCATION AND NEAREST HOSPITAL

AKRF

Environmental Consultants
440 Park Avenue South, New York, N.Y. 10016

DATE
10.11.05

PROJECT No.
10442

FIGURE No.
1

2005 AKRF, Inc. Environmental Consultants Q:\Westchester Data\AKRFData\10442-Gowanus Bayside\Hospital Route Map.pub

APPENDIX A

POTENTIAL HEALTH EFFECTS FROM ON-SITE CONTAMINANTS

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

BENZENE
CAS # 71-43-2

This fact sheet answers the most frequently asked health questions (FAQs) about benzene. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. This information is important because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Benzene is a widely used chemical formed from both natural processes and human activities. Breathing benzene can cause drowsiness, dizziness, and unconsciousness; long-term benzene exposure causes effects on the bone marrow and can cause anemia and leukemia. Benzene has been found in at least 813 of the 1,430 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is benzene?

(Pronounced bĕn′zēn′)

Benzene is a colorless liquid with a sweet odor. It evaporates into the air very quickly and dissolves slightly in water. It is highly flammable and is formed from both natural processes and human activities.

Benzene is widely used in the United States; it ranks in the top 20 chemicals for production volume. Some industries use benzene to make other chemicals which are used to make plastics, resins, and nylon and synthetic fibers. Benzene is also used to make some types of rubbers, lubricants, dyes, detergents, drugs, and pesticides. Natural sources of benzene include volcanoes and forest fires. Benzene is also a natural part of crude oil, gasoline, and cigarette smoke.

What happens to benzene when it enters the environment?

- Industrial processes are the main source of benzene in the environment.
- Benzene can pass into the air from water and soil.
- It reacts with other chemicals in the air and breaks down within a few days.
- Benzene in the air can attach to rain or snow and be carried back down to the ground.
- It breaks down more slowly in water and soil, and can pass through the soil into underground water.
- Benzene does not build up in plants or animals.

How might I be exposed to benzene?

- Outdoor air contains low levels of benzene from tobacco smoke, automobile service stations, exhaust from motor vehicles, and industrial emissions.
- Indoor air generally contains higher levels of benzene from products that contain it such as glues, paints, furniture wax, and detergents.
- Air around hazardous waste sites or gas stations will contain higher levels of benzene.
- Leakage from underground storage tanks or from hazardous waste sites containing benzene can result in benzene contamination of well water.
- People working in industries that make or use benzene may be exposed to the highest levels of it.
- A major source of benzene exposures is tobacco smoke.

How can benzene affect my health?

Breathing very high levels of benzene can result in death, while high levels can cause drowsiness, dizziness, rapid heart rate, headaches, tremors, confusion, and unconsciousness. Eating or drinking foods containing high levels of benzene can cause vomiting, irritation of the stomach, dizziness, sleepiness, convulsions, rapid heart rate, and death.

ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html

The major effect of benzene from long-term (365 days or longer) exposure is on the blood. Benzene causes harmful effects on the bone marrow and can cause a decrease in red blood cells leading to anemia. It can also cause excessive bleeding and can affect the immune system, increasing the chance for infection.

Some women who breathed high levels of benzene for many months had irregular menstrual periods and a decrease in the size of their ovaries. It is not known whether benzene exposure affects the developing fetus in pregnant women or fertility in men.

Animal studies have shown low birth weights, delayed bone formation, and bone marrow damage when pregnant animals breathed benzene.

How likely is benzene to cause cancer?

The Department of Health and Human Services (DHHS) has determined that benzene is a known human carcinogen. Long-term exposure to high levels of benzene in the air can cause leukemia, cancer of the blood-forming organs.

Is there a medical test to show whether I've been exposed to benzene?

Several tests can show if you have been exposed to benzene. There is test for measuring benzene in the breath; this test must be done shortly after exposure. Benzene can also be measured in the blood, however, since benzene disappears rapidly from the blood, measurements are accurate only for recent exposures.

In the body, benzene is converted to products called metabolites. Certain metabolites can be measured in the urine. However, this test must be done shortly after exposure and is not a reliable indicator of how much benzene you have been exposed to, since the metabolites may be present in urine from other sources.

Has the federal government made recommendations to protect human health?

The EPA has set the maximum permissible level of benzene in drinking water at 0.005 milligrams per liter (0.005 mgL). The EPA requires that spills or accidental releases into the environment of 10 pounds or more of benzene be reported to the EPA.

The Occupational Safety and Health Administration (OSHA) has set a permissible exposure limit of 1 part of benzene per million parts of air (1 ppm) in the workplace during an 8-hour workday, 40-hour workweek.

Glossary

Anemia: A decreased ability of the blood to transport oxygen.

Carcinogen: A substance with the ability to cause cancer.

CAS: Chemical Abstracts Service.

Chromosomes: Parts of the cells responsible for the development of hereditary characteristics.

Metabolites: Breakdown products of chemicals.

Milligram (mg): One thousandth of a gram.

Pesticide: A substance that kills pests.

References

This ToxFAQs information is taken from the 1997 Toxicological Profile for Benzene (update) produced by the Agency for Toxic Substances and Disease Registry, Public Health Service, U.S. Department of Health and Human Services, Public Health Service in Atlanta, GA.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop E-29, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 404-498-0093. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

ETHYLBENZENE
CAS # 100-41-4

This fact sheet answers the most frequently asked health questions (FAQs) about ethylbenzene. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Ethylbenzene is a colorless liquid found in a number of products including gasoline and paints. Breathing very high levels can cause dizziness and throat and eye irritation. Ethylbenzene has been found in at least 731 of the 1,467 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is ethylbenzene?

(Pronounced ĕth′ əl bĕn′ zēn′)

Ethylbenzene is a colorless, flammable liquid that smells like gasoline. It is found in natural products such as coal tar and petroleum and is also found in manufactured products such as inks, insecticides, and paints.

Ethylbenzene is used primarily to make another chemical, styrene. Other uses include as a solvent, in fuels, and to make other chemicals.

What happens to ethylbenzene when it enters the environment?

- Ethylbenzene moves easily into the air from water and soil.
- It takes about 3 days for ethylbenzene to be broken down in air into other chemicals.
- Ethylbenzene may be released to water from industrial discharges or leaking underground storage tanks.
- In surface water, ethylbenzene breaks down by reacting with other chemicals found naturally in water.
- In soil, it is broken down by soil bacteria.

How might I be exposed to ethylbenzene?

- Breathing air containing ethylbenzene, particularly in areas near factories or highways.
- Drinking contaminated tap water.
- Working in an industry where ethylbenzene is used or made.
- Using products containing it, such as gasoline, carpet glues, varnishes, and paints.

How can ethylbenzene affect my health?

Limited information is available on the effects of ethylbenzene on people's health. The available information shows dizziness, throat and eye irritation, tightening of the chest, and a burning sensation in the eyes of people exposed to high levels of ethylbenzene in air.

Animals studies have shown effects on the nervous system, liver, kidneys, and eyes from breathing ethylbenzene in air.

How likely is ethylbenzene to cause cancer?

The EPA has determined that ethylbenzene is not classifiable as to human carcinogenicity.

ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html

No studies in people have shown that ethylbenzene exposure can result in cancer. Two available animal studies suggest that ethylbenzene may cause tumors.

How can ethylbenzene affect children?

Children may be exposed to ethylbenzene through inhalation of consumer products, including gasoline, paints, inks, pesticides, and carpet glue. We do not know whether children are more sensitive to the effects of ethylbenzene than adults.

It is not known whether ethylbenzene can affect the development of the human fetus. Animal studies have shown that when pregnant animals were exposed to ethylbenzene in air, their babies had an increased number of birth defects.

How can families reduce the risk of exposure to ethylbenzene?

Exposure to ethylbenzene vapors from household products and newly installed carpeting can be minimized by using adequate ventilation.

Household chemicals should be stored out of reach of children to prevent accidental poisoning. Always store household chemicals in their original containers; never store them in containers children would find attractive to eat or drink from, such as old soda bottles. Gasoline should be stored in a gasoline can with a locked cap.

Sometimes older children sniff household chemicals, including ethylbenzene, in an attempt to get high. Talk with your children about the dangers of sniffing chemicals.

Is there a medical test to show whether I've been exposed to ethylbenzene?

Ethylbenzene is found in the blood, urine, breath, and some body tissues of exposed people. The most common way to test for ethylbenzene is in the urine. This test measures substances formed by the breakdown of ethylbenzene. This test needs to be done within a few hours after exposure occurs, because the substances leave the body very quickly.

These tests can show you were exposed to ethylbenzene, but cannot predict the kind of health effects that might occur.

Has the federal government made recommendations to protect human health?

The EPA has set a maximum contaminant level of 0.7 milligrams of ethylbenzene per liter of drinking water (0.7 mg/L).

The EPA requires that spills or accidental releases into the environment of 1,000 pounds or more of ethylbenzene be reported to the EPA.

The Occupational Safety and Health Administration (OSHA) has set an occupational exposure limit of 100 parts of ethylbenzene per million parts of air (100 ppm) for an 8-hour workday, 40-hour workweek.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 1999. Toxicological profile for ethylbenzene. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop E-29, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 404-498-0093. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

FUEL OILS

CAS # 8008-20-6, 70892-10-3, 68476-30-2, 68476-34-6, 68476-31-3

This fact sheet answers the most frequently asked health questions (FAQs) about fuel oils. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

SUMMARY: Fuel oils are liquid mixtures produced from petroleum, and their use mostly involves burning them as fuels. Drinking or breathing fuel oils may cause nausea or nervous system effects. However, exposure under normal use conditions is not likely to be harmful. Fuel oils have been found in at least 26 of the 1,430 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What are fuel oils?

(Pronounced fyo͞o'əl oilz)

Fuel oils are a variety of yellowish to light brown liquid mixtures that come from crude petroleum. Some chemicals found in fuel oils may evaporate easily, while others may more easily dissolve in water.

Fuel oils are produced by different petroleum refining processes, depending on their intended uses. Fuel oils may be used as fuel for engines, lamps, heaters, furnaces, and stoves, or as solvents.

Some commonly found fuel oils include kerosene, diesel fuel, jet fuel, range oil, and home heating oil. These fuel oils differ from one another by their hydrocarbon compositions, boiling point ranges, chemical additives, and uses.

What happens to fuel oils when they enter the environment?

- Some chemicals found in fuel oils may evaporate into the air from open containers or contaminated soil or water.
- Some chemicals found in fuel oils may dissolve in water after spills to surface waters or leaks from underground storage tanks.
- Some chemicals found in fuel oils may stick to particles in water, which will eventually cause them to settle to the bottom sediment.
- Some of the chemicals found in fuel oils may be broken down slowly in air, water, and soil by sunlight or small organisms.
- Some of the chemicals found in fuel oils may build up significantly in plants and animals.

How might I be exposed to fuel oils?

- Using a home kerosene heater or stove, or using fuel oils at work.
- Breathing air in home or building basements that has been contaminated with fuel oil vapors entering from the soil.
- Drinking or swimming in water that has been contaminated with fuel oils from a spill or a leaking underground storage tank.
- Touching soil contaminated with fuel oils.
- Using fuel oils to wash paint or grease from skin or equipment.

How can fuel oils affect my health?

Little information is available about the health effects that may be caused by fuel oils. People who use kerosene

stoves for cooking do not seem to have any health problems related to their exposure.

Breathing some fuel oils for short periods may cause nausea, eye irritation, increased blood pressure, headache, lightheadedness, loss of appetite, poor coordination, and difficulty concentrating. Breathing diesel fuel vapors for long periods may cause kidney damage and lower your blood's ability to clot.

Drinking small amounts of kerosene may cause vomiting, diarrhea, coughing, stomach swelling and cramps, drowsiness, restlessness, painful breathing, irritability, and unconsciousness. Drinking large amounts of kerosene may cause convulsions, coma, or death. Skin contact with kerosene for short periods may cause itchy, red, sore, or peeling skin.

How likely are fuel oils to cause cancer?

The International Agency for Research on Cancer (IARC) has determined that some fuel oils (heavy) may possibly cause cancer in humans, but for other fuel oils (light) there is not enough information to make a determination. IARC has also determined that occupational exposures to fuel oils during petroleum refining are probably carcinogenic in humans.

Some studies with mice have suggested that repeated contact with fuel oils may cause liver or skin cancer. However, other mouse studies have found this not to be the case. No studies are available in other animals or in people on the carcinogenic effects of fuel oils.

Is there a medical test to show whether I've been exposed to fuel oils?

There is no medical test that shows if you have been exposed to fuel oils. Tests are available to determine if some of the chemicals commonly found in fuel oils are in your blood. However, the presence of these chemicals in blood may not necessarily mean that you have been exposed to fuel oils.

Has the federal government made recommendations to protect human health?

The Occupational Safety and Health Administration (OSHA) and the Air Force Office of Safety and Health (AFOSH) have set a permissible exposure level (PEL) of 400 parts of petroleum distillates per million parts of air (400 ppm) for an 8-hour workday, 40-hour workweek.

The National Institute for Occupational Safety and Health (NIOSH) recommends that average workplace air levels not exceed 350 milligrams of petroleum distillates per cubic meter of air (350 mg/m^3) for a 40-hour workweek.

The Department of Transportation (DOT) lists fuel oils as hazardous materials and, therefore, regulates their transportation.

Glossary

Carcinogenic: Able to cause cancer.

CAS: Chemical Abstracts Service.

Evaporate: To change into a vapor or a gas.

Hydrocarbon: Any compound made up of hydrogen and carbon.

Milligram (mg): One thousandth of a gram.

ppm: Parts per million.

Sediment: Mud and debris that have settled to the bottom of a body of water.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 1995. Toxicological profile for fuel oils. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop E-29, Atlanta, GA 30333. Phone:1-888-422-8737, FAX: 404-498-0093. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

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AUTOMOTIVE GASOLINE
CAS # 8006-61-9

This fact sheet answers the most frequently asked health questions (FAQs) about automobile gasoline. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. This information is important because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

SUMMARY: Exposure to automotive gasoline most likely occurs from breathing its vapor at a service station while filling a car's fuel tank. At high levels, automotive gasoline is irritating to the lungs when breathed in and irritating to the lining of the stomach when swallowed. Exposure to high levels may also cause harmful effects to the nervous system. Automotive gasoline has been found in at least 23 of the 1,430 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is automotive gasoline?

(Pronounced ô'tə-mō'tĭv găs'ə-lēn')

The gasoline discussed in this fact sheet is automotive used as a fuel for engines in cars. Gasoline is a colorless, pale brown, or pink liquid, and is very flammable.

Gasoline is a manufactured mixture that does not exist naturally in the environment. Gasoline is produced from petroleum in the refining process.

Typically, gasoline contains more than 150 chemicals, including small amounts of benzene, toluene, xylene, and sometimes lead. How the gasoline is made determines which chemicals are present in the gasoline mixture and how much of each is present. The actual composition varies with the source of the crude petroleum, the manufacturer, and the time of year.

What happens to automotive gasoline when it enters the environment?

- Small amounts of the chemicals present in gasoline evaporate into the air when you fill the gas tank in your car or when gasoline is accidentally spilled onto surfaces and soils or into surface waters.
- Other chemicals in gasoline dissolve in water after spills to surface waters or underground storage tank leaks into the groundwater.
- In surface releases, most chemicals in gasoline will probably evaporate; others may dissolve and be carried away by water; a few will probably stick to soil.
- The chemicals that evaporate are broken down by sunlight and other chemicals in the air.
- The chemicals that dissolve in water also break down quickly by natural processes.

How might I be exposed to automotive gasoline?

- Breathing vapors at a service station when filling the car's fuel tank is the most likely way to be exposed.
- Working at a service station.
- Using equipment that runs on gasoline, such as a lawn mower.
- Drinking contaminated water.
- Being close to a spot where gasoline has spilled or leaked into the soil.

How can automotive gasoline affect my health?

Many of the harmful effects seen after exposure to gasoline are due to the individual chemicals in the gasoline mix-

ture, such as benzene and lead. Inhaling or swallowing large amounts of gasoline can cause death.

Inhaling high concentrations of gasoline is irritating to the lungs when breathed in and irritating to the lining of the stomach when swallowed. Gasoline is also a skin irritant. Breathing in high levels of gasoline for short periods or swallowing large amounts of gasoline may also cause harmful effects on the nervous system.

Serious nervous system effects include coma and the inability to breathe, while less serious effects include dizziness and headaches.

There is not enough information available to determine if gasoline causes birth defects or affects reproduction.

How likely is automotive gasoline to cause cancer?

The Department of Health and Human Services (DHHS) and the International Agency for Research on Cancer (IARC) have not classified automotive gasoline for carcinogenicity. Automotive gasoline is currently undergoing review by the EPA for cancer classification.

Some laboratory animals that breathed high concentrations of unleaded gasoline vapors continuously for 2 years developed liver and kidney tumors. However, there is no evidence that exposure to gasoline causes cancer in humans.

Is there a medical test to show whether I've been exposed to automotive gasoline?

Laboratory tests are available that can measure elevated blood or urine levels of lead (as an indication of exposure to leaded gasoline only), benzene, or other substances that may result from exposure to gasoline or other sources. These methods are sensitive enough to measure background levels and levels where health effects may occur. These tests aren't available in most doctors' offices, but can be done at special laboratories that have the right equipment.

Has the federal government made recommendations to protect human health?

The EPA has established many regulations to control air pollution. These are designed to protect the public from the possible harmful health effects of gasoline.

The American Conference of Governmental Industrial Hygienists (ACGIH) set a maximum level of 890 milligrams of gasoline per cubic meter of air (890 mg/m^3) for an 8-hour workday, 40-hour workweek.

Glossary

Carcinogenicity: Ability to cause cancer.

CAS: Chemical Abstracts Service.

Crude petroleum: Petroleum that has not been processed.

Dissolve: To disappear gradually.

Evaporate: To change into a vapor or a gas.

Irritant: A substance that causes an abnormal reaction.

Mixture: A combination of two or more components.

Refining process: The process by which petroleum is purified to form gasoline.

Tumor: An abnormal mass of tissue.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 1995. Toxicological profile for automotive gasoline. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop E-29, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 404-498-0093. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

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HYDRAULIC FLUIDS

CAS # 55957-10-3; 68937-40-6; 50815-84-4; 55962-27-1; 66594-31-8; 63848-94-2; 107028-44-4; 28777-70-0

This fact sheet answers the most frequently asked health questions (FAQs) about hydraulic fluids. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. This information is important because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Exposure to hydraulic fluids occurs mainly in the workplace. Drinking certain types of hydraulic fluids can cause death in humans, and swallowing or inhaling certain types of hydraulic fluids has caused nerve damage in animals. Contact with some types of hydraulic fluids can irritate your skin or eyes. These substances have been found in at least 10 of the 1,428 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What are hydraulic fluids?

(Pronounced hī-drô'lĭk flōō'ĭdz)

Hydraulic fluids are a large group of liquids made of many kinds of chemicals. They are used in automobile automatic transmissions, brakes, and power steering; fork lift trucks; tractors; bulldozers; industrial machinery; and airplanes. The three most common types of hydraulic fluids are mineral oil, organophosphate ester, and polyalphaolefin. Some of the trade names for hydraulic fluids include Durad®, Fyrquel®, Skydrol®, Houghton-Safe®, Pydraul®, Reofos®, Reolube®, and Quintolubric®. (Use of trade names is for identification only and does not imply endorsement by the Agency for Toxic Substances and Disease Registry, the Public Health Service, or the U.S. Department of Health and Human Services.)

Some hydraulic fluids have a bland, oily smell and others have no smell; some will burn and some will not burn. Certain hydraulic fluids are produced from crude oil and others are manufactured.

What happens to hydraulic fluids when they enter the environment?

- Hydraulic fluids can enter the environment from spills, leaks in machines that use them, or from storage areas and waste sites.
- If spilled on soil, some of the ingredients in hydraulic fluids will stay on top and others will sink into the groundwater.
- In water, some hydraulic fluids' ingredients will transfer to the bottom and can stay there for more than a year.
- Certain chemicals in hydraulic fluids may break down in air, soil, or water, but how much breaks down isn't known.
- Fish may contain some hydraulic fluids if they live in contaminated water.

How might I be exposed to hydraulic fluids?

- Touching or swallowing hydraulic fluids.
- Breathing hydraulic fluids in the air near machines where hydraulic fluids are used.
- Touching contaminated water or soil near hazardous waste sites or industrial manufacturing facilities that use or make hydraulic fluids.

How can hydraulic fluids affect my health?

Little is known about how hydraulic fluids can affect your health. Since hydraulic fluids are actually mixtures of chemicals, some of the effects seen may be caused by additives in the hydraulic fluids.

In people, the effects of breathing air with high levels of hydraulic fluids are not known. Drinking large amounts of some types of hydraulic fluids can cause pneumonia, intestinal bleeding, or death in humans. Weakness of the hands was seen in a worker who touched a lot of hydraulic fluids.

Rabbits that inhaled very high levels of one type of hydraulic fluid had trouble breathing, congested lungs, and became drowsy. The nervous systems of animals that swallowed or inhaled other hydraulic fluids were affected immediately with tremors, diarrhea, sweating, breathing difficulty, and sometimes several weeks later with weakness of the limbs, or paralysis. The immediate effects are caused because hydraulic fluids stop the action of certain enzymes, called cholinesterases, in the body. There are no reports of people swallowing or breathing the types of hydraulic fluids that cause these effects. When certain types of hydraulic fluids were put into the eyes of animals or allowed to touch the skin of people or animals for short periods of time, redness and swelling occurred. It is not known whether hydraulic fluids can cause birth defects or reproductive effects.

How likely are hydraulic fluids to cause cancer?

The Department of Health and Human Services (DHHS), the International Agency for Research on Cancer (IARC), and the EPA have not classified hydraulic fluids as to their carcinogenicity.

Is there a medical test to show whether I've been exposed to hydraulic fluids?

Hydraulic fluids can't be measured in blood, urine, or feces, but certain chemicals in the hydraulic fluids can be measured. Some of the hydraulic fluids stop the activity of certain enzymes, called cholinesterases, in blood and this activity can be measured. However, many other chemicals also cause this effect. This test isn't available at most doctors' offices, but can be done at special laboratories that have the right equipment.

Has the federal government made recommendations to protect human health?

There are no federal government recommendations to protect humans from the health effects of the major hydraulic fluids. However, mineral oil, the major chemical ingredient of one type of hydraulic fluid, is part of the petroleum distillate class of chemicals and there are regulations for these chemicals.

The Occupational Safety and Health Administration (OSHA) has set an exposure limit of 2,000 milligram per cubic meter (mg/m^3) petroleum distillates for an 8-hour workday, 40-hour workweek. The National Institute for Occupational Safety and Health (NIOSH) recommends an exposure limit of 350 mg/m^3 petroleum distillates for a 10-hour workday, 40-hour workweek.

Glossary

Additive: Substance added to another in small amounts to improve its properties.

CAS: Chemical Abstracts Service.

Carcinogenicity: Ability to cause cancer.

Petroleum Distillate: A chemical fraction of petroleum.

References

This ToxFAQs information is taken from the 1997 Toxicological Profile for Hydraulic Fluids produced by the Agency for Toxic Substances and Disease Registry, Public Health Service, U.S. Department of Health and Human Services, Public Health Service in Atlanta, GA.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop E-29, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 404-498-0093. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

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AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

NAPHTHALENE
CAS # 91-20-3

This fact sheet answers the most frequently asked health questions (FAQs) about naphthalene. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. This information is important because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

SUMMARY: Exposure to naphthalene happens mostly from breathing air contaminated from the burning of wood or fossil fuels, industrial discharges, tobacco smoke, or moth repellents. Exposure to large amounts of naphthalene may damage or destroy some of your red blood cells. Naphthalene has been found in at least 536 of the 1,430 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is naphthalene?

(Pronounced năf'thə-lēn')

Naphthalene is a white solid that is found naturally in fossil fuels. Burning tobacco or wood produces naphthalene. It has a strong, but not unpleasant smell.

The major products made from naphthalene are moth repellents. It is also used for making dyes, resins, leather, tanning agents, and the insecticide, carbaryl.

What happens to naphthalene when it enters the environment?

- Naphthalene enters the environment from industrial uses, and from its use as a moth repellent.
- It also enters from the burning of wood or tobacco, and from accidental spills.
- Naphthalene evaporates easily.
- In air, moisture and sunlight break it down, often within 1 day.
- Naphthalene in water is destroyed by bacteria or evaporates into the air.
- Naphthalene binds weakly to soils and sediment.
- It does not accumulate in animals or fish.
- If dairy cows are exposed to naphthalene, some of it will be in their milk.
- If laying hens are exposed, some of it will be in their eggs.

How might I be exposed to naphthalene?

- Breathing low levels in outdoor air.
- Breathing air contaminated from industrial discharges or from burning wood or fossil fuels.
- Breathing air in homes or businesses where cigarettes are smoked, wood is burned, or moth repellents are used.
- Drinking water from contaminated wells.
- Touching clothing, blankets, or coverlets that are treated with naphthalene.

How can naphthalene affect my health?

Exposure to large amounts of naphthalene may damage or destroy some of your red blood cells. This could cause you to have too few red blood cells until your body replaces the destroyed cells. People, particularly children, have developed this problem after eating naphthalene-containing mothballs or deodorant blocks. Some of the symptoms of this

problem are fatigue, lack of appetite, restlessness, and pale skin. Exposure to large amounts of naphthalene may also cause nausea, vomiting, diarrhea, blood in the urine, and a yellow color to the skin.

Animals sometimes develop cloudiness in their eyes after swallowing naphthalene. It is not clear if this also develops in people.

When mice were repeatedly exposed to naphthalene vapors for 2 years, their noses and lungs became inflamed and irritated.

How likely is naphthalene to cause cancer?

The Department of Health and Human Services (DHHS), the International Agency for Research on Cancer (IARC) and the EPA have not classified naphthalene as to its human carcinogenicity.

No studies are available in people. Naphthalene has caused cancer in studies in female mice, but not in male mice or in rats of either sex.

Is there a medical test to show whether I've been exposed to naphthalene?

Tests are available that measure levels of naphthalene and its breakdown products in urine, stool, blood, or maternal milk. A small sample of your body fat can also be removed and analyzed for naphthalene. These tests are not routinely available in a doctor's office. However, a sample taken in a doctor's office can be sent to a special laboratory, if needed.

These tests cannot determine exactly how much naphthalene you were exposed to or predict whether harmful effects will occur.

Has the federal government made recommendations to protect human health?

The EPA recommends that children not drink water containing over 0.5 parts of naphthalene per million parts of water (0.5 ppm) for more than 10 days, or 0.4 ppm for longer than 7 years. Adults should not drink water with more than 1 ppm for more than 7 years. For water consumed over a lifetime, the EPA suggests it contain no more than 0.02 ppm naphthalene. The EPA requires that discharges or spills into the environment of 100 pounds or more be reported.

The Occupational Safety and Health Administration (OSHA) has set a limit of 10 parts per million (10 ppm) for the level of naphthalene in workplace air over an 8-hour workday, 40-hour workweek.

The National Institute for Occupational Safety and Health (NIOSH) considers more than 250 ppm of naphthalene in air to be immediately dangerous to life or health. This is the exposure level of a chemical that is likely to cause permanent health problems or death.

Glossary

Carcinogenicity: Ability of a substance to cause cancer.

CAS: Chemical Abstracts Service.

Insecticide: A substance that kills insects.

Sediment: Mud and debris that have settled to the bottom of a body of water.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 1995. Toxicological profile for naphthalene, 1-methylnaphthalene, and 2-methylnaphthalene (update). Atlanta, GA: U.S. Department of Health and Human Services, Public Health Services.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop E-29, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 404-498-0093. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

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LEAD
CAS # 7439-92-1

This fact sheet answers the most frequently asked health questions (FAQs) about lead. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Exposure to lead can happen from breathing workplace air or dust, eating contaminated foods, or drinking contaminated water. Children can be exposed from eating lead-based paint chips or playing in contaminated soil. Lead can damage the nervous system, kidneys, and reproductive system. Lead has been found in at least 1,026 of 1,467 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is lead?

(Pronounced lĕd)

Lead is a naturally occurring bluish-gray metal found in small amounts in the earth's crust. Lead can be found in all parts of our environment. Much of it comes from human activities including burning fossil fuels, mining, and manufacturing.

Lead has many different uses. It is used in the production of batteries, ammunition, metal products (solder and pipes), and devices to shield X-rays.

Because of health concerns, lead from gasoline, paints and ceramic products, caulking, and pipe solder has been dramatically reduced in recent years.

What happens to lead when it enters the environment?

- Lead itself does not break down, but lead compounds are changed by sunlight, air, and water.
- When lead is released to the air, it may travel long distances before settling to the ground.
- Once lead falls onto soil, it usually sticks to soil particles.
- Movement of lead from soil into groundwater will depend on the type of lead compound and the characteristics of the soil.
- Much of the lead in inner-city soils comes from old houses painted with lead-based paint.

How might I be exposed to lead?

- Eating food or drinking water that contains lead.
- Spending time in areas where lead-based paints have been used and are deteriorating.
- Working in a job where lead is used.
- Using health-care products or folk remedies that contain lead.
- Engaging in certain hobbies in which lead is used (for example, stained glass).

How can lead affect my health?

Lead can affect almost every organ and system in your body. The most sensitive is the central nervous system, particularly in children. Lead also damages kidneys and the reproductive system. The effects are the same whether it is breathed or swallowed.

At high levels, lead may decrease reaction time, cause weakness in fingers, wrists, or ankles, and possibly affect the memory. Lead may cause anemia, a disorder of the blood. It can also damage the male reproductive system. The connection between these effects and exposure to low levels of lead is uncertain.

How likely is lead to cause cancer?

The Department of Health and Human Services has determined that lead acetate and lead phosphate may reasonably

be anticipated to be carcinogens based on studies in animals. There is inadequate evidence to clearly determine lead's carcinogenicity in people.

How can lead affect children?

Small children can be exposed by eating lead-based paint chips, chewing on objects painted with lead-based paint, or swallowing house dust or soil that contains lead.

Children are more vulnerable to lead poisoning than adults. A child who swallows large amounts of lead may develop blood anemia, severe stomachache, muscle weakness, and brain damage. A large amount of lead might get into a child's body if the child ate small pieces of old paint that contained large amounts of lead. If a child swallows smaller amounts of lead, much less severe effects on blood and brain function may occur. Even at much lower levels of exposure, lead can affect a child's mental and physical growth.

Exposure to lead is more dangerous for young and unborn children. Unborn children can be exposed to lead through their mothers. Harmful effects include premature births, smaller babies, decreased mental ability in the infant, learning difficulties, and reduced growth in young children. These effects are more common if the mother or baby was exposed to high levels of lead.

How can families reduce the risk of exposure to lead?

Avoid exposure to sources of lead. Do not allow children to chew or mouth painted surfaces that may have been painted with lead-based paint (homes built before 1978). Run your water for 15 to 30 seconds before drinking or cooking with it. This will get rid of lead that may have leached out of pipes. Some types of paints and pigments that are used as make-up or hair coloring contain lead. Keep these kinds of products away from children. Wash children's hands and faces often to remove lead dusts and soil, and regularly clean the house of dust and tracked in soil.

Is there a medical test to show whether I've been exposed to lead?

A blood test is available to measure the amount of lead in your blood and to estimate the amount of your exposure to lead. Blood tests are commonly used to screen children for lead poisoning. Lead in teeth and bones can be measured with X-rays, but this test is not as readily available. Medical treatment may be necessary in children if the lead concentration in blood is higher than 45 micrograms per deciliter (45 µg/dL).

Has the federal government made recommendations to protect human health?

The Centers for Disease Control and Prevention (CDC) recommends that children ages 1 and 2 be screened for lead poisoning. Children who are 3 to 6 years old should be tested for lead if they have never been tested for lead before and if they receive services from public assistance programs; if they live in or regularly visit a building built before 1950; if they live in or visit a home built before 1978 that is being remodeled; or if they have a brother, sister, or playmate who has had lead poisoning. CDC considers children to have an elevated level of lead if the amount in the blood is 10 µg/dL.

The EPA requires lead in air not to exceed 1.5 micrograms per cubic meter (1.5 $\mu g/m^3$) averaged over 3 months. EPA limits lead in drinking water to 15 µg per liter.

The Occupational Health and Safety Administration (OSHA) develops regulations for workers exposed to lead. The Clean Air Act Amendments of 1990 banned the sale of leaded gasoline. The Federal Hazardous Substance Act bans children's products that contain hazardous amounts of lead.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 1999. Toxicological profile for lead. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop E-29, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 404-498-0093. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

METHYL *TERT*-BUTYL ETHER (MTBE) CAS # 1634-04-4

This fact sheet answers the most frequently asked health questions (FAQs) about methyl *tert*-butyl ether (MTBE). For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. This information is important because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Methyl *tert*-butyl ether (MTBE) is a flammable liquid which is used as an additive in unleaded gasoline. Drinking or breathing MTBE may cause nausea, nose and throat irritation, and nervous system effects. MTBE has been found in at least 11 of the 1,430 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is methyl *tert*-butyl ether?

(Pronounced měth'əl tûr'shē-ĕr'ē byo͞ot'l ē'thər)

Methyl *tert*-butyl ether (MTBE) is a flammable liquid with a distinctive, disagreeable odor. It is made from blending chemicals such as isobutylene and methanol, and has been used since the 1980s as an additive for unleaded gasolines to achieve more efficient burning.

MTBE is also used to dissolve gallstones. Patients treated in this way have MTBE delivered directly to their gall bladders through special tubes that are surgically inserted.

What happens to MTBE when it enters the environment?

- MTBE quickly evaporates from open containers and surface water, so it is commonly found as a vapor in the air.
- Small amounts of MTBE may dissolve in water and get into underground water.
- It remains in underground water for a long time.
- MTBE may stick to particles in water, which will cause it to eventually settle to the bottom sediment.
- MTBE may be broken down quickly in the air by sunlight.
- MTBE does not build up significantly in plants and animals.

How might I be exposed to MTBE?

- Touching the skin or breathing contaminated air while pumping gasoline.
- Breathing exhaust fumes while driving a car.
- Breathing air near highways or in cities.
- Drinking, swimming, or showering in water that has been contaminated with MTBE.
- Receiving MTBE treatment for gallstones.

How can MTBE affect my health?

Breathing small amounts of MTBE for short periods may cause nose and throat irritation. Some people exposed to MTBE while pumping gasoline, driving their cars, or working

in gas stations have reported having headaches, nausea, dizziness, and mental confusion. However, the actual levels of exposure in these cases are unknown. In addition, these symptoms may have been caused by exposure to other chemicals.

There are no data on the effects in people of drinking MTBE. Studies with rats and mice suggest that drinking MTBE may cause gastrointestinal irritation, liver and kidney damage, and nervous system effects.

How likely is MTBE to cause cancer?

There is no evidence that MTBE causes cancer in humans. One study with rats found that breathing high levels of MTBE for long periods may cause kidney cancer. Another study with mice found that breathing high levels of MTBE for long periods may cause liver cancer.

The Department of Health and Human Services (DHHS), the International Agency for Research on Cancer (IARC), and the EPA have not classified MTBE as to its carcinogenicity.

Is there a medical test to show whether I've been exposed to MTBE?

MTBE and its breakdown product, butyl alcohol, can be detected in your breath, blood, or urine for up to 1 or 2 days after exposure. These tests aren't available at most doctors' offices, but can be done at special laboratories that have the right equipment. There is no other test specific to determining MTBE exposure.

Has the federal government made recommendations to protect human health?

The EPA has issued guidelines recommending that, to protect children, drinking water levels of MTBE not exceed 4 milligrams per liter of water (4 mg/L) for an exposure of 1-10 days, and 3 mg/L for longer-term exposures.

The American Conference of Governmental Industrial Hygienists (ACGIH) has recommended an exposure limit of 40 parts of MTBE per million parts of air (40 ppm) for an 8-hour workday, 40-hour workweek.

Glossary

Carcinogenicity: Ability to cause cancer.

CAS: Chemical Abstracts Service.

Evaporate: To change into a vapor or gas.

Milligram (mg): One thousandth of a gram.

ppm: Parts per million.

Sediment: Mud and debris that have settled to the bottom of a body of water.

References

This ToxFAQs information is taken from the 1996 Toxicological Profile for Methyl *tert*-Butyl Ether produced by the Agency for Toxic Substances and Disease Registry, Public Health Service, U.S. Department of Health and Human Services, Public Health Service in Atlanta, GA.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop E-29, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 404-498-0093. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

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POLYCHLORINATED BIPHENYLS

Division of Toxicology ToxFAQs™ February 2001

This fact sheet answers the most frequently asked health questions (FAQs) about polychlorinated biphenyls. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Polychlorinated biphenyls (PCBs) are a mixture of individual chemicals which are no longer produced in the United States, but are still found in the environment. Health effects that have been associated with exposure to PCBs include acne-like skin conditions in adults and neurobehavioral and immunological changes in children. PCBs are known to cause cancer in animals. PCBs have been found in at least 500 of the 1,598 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What are polychlorinated biphenyls?

Polychlorinated biphenyls are mixtures of up to 209 individual chlorinated compounds (known as congeners). There are no known natural sources of PCBs. PCBs are either oily liquids or solids that are colorless to light yellow. Some PCBs can exist as a vapor in air. PCBs have no known smell or taste. Many commercial PCB mixtures are known in the U.S. by the trade name Aroclor.

PCBs have been used as coolants and lubricants in transformers, capacitors, and other electrical equipment because they don't burn easily and are good insulators. The manufacture of PCBs was stopped in the U.S. in 1977 because of evidence they build up in the environment and can cause harmful health effects. Products made before 1977 that may contain PCBs include old fluorescent lighting fixtures and electrical devices containing PCB capacitors, and old microscope and hydraulic oils.

What happens to PCBs when they enter the environment?

❑ PCBs entered the air, water, and soil during their manufacture, use, and disposal; from accidental spills and leaks during their transport; and from leaks or fires in products containing PCBs.

❑ PCBs can still be released to the environment from hazardous waste sites; illegal or improper disposal of industrial wastes and consumer products; leaks from old electrical transformers containing PCBs; and burning of some wastes in incinerators.

❑ PCBs do not readily break down in the environment and thus may remain there for very long periods of time. PCBs can travel long distances in the air and be deposited in areas far away from where they were released. In water, a small amount of PCBs may remain dissolved, but most stick to organic particles and bottom sediments. PCBs also bind strongly to soil.

❑ PCBs are taken up by small organisms and fish in water. They are also taken up by other animals that eat these aquatic animals as food. PCBs accumulate in fish and marine mammals, reaching levels that may be many thousands of times higher than in water.

How might I be exposed to PCBs?

❑ Using old fluorescent lighting fixtures and electrical devices and appliances, such as television sets and refrigerators, that were made 30 or more years ago. These items may leak small amounts of PCBs into the air when they get hot during operation, and could be a source of skin exposure.

❑ Eating contaminated food. The main dietary sources of PCBs are fish (especially sportfish caught in contaminated lakes or rivers), meat, and dairy products.

❑ Breathing air near hazardous waste sites and drinking contaminated well water.

❑ In the workplace during repair and maintenance of PCB transformers; accidents, fires or spills involving transformers, fluorescent lights, and other old electrical devices; and disposal of PCB materials.

How can PCBs affect my health?

The most commonly observed health effects in people exposed to large amounts of PCBs are skin conditions such as acne and rashes. Studies in exposed workers have shown changes in blood and urine that may indicate liver damage. PCB exposures in the general population are not likely to result in skin and liver effects. Most of the studies of health effects of PCBs in the general population examined children of mothers who were exposed to PCBs.

Animals that ate food containing large amounts of PCBs for short periods of time had mild liver damage and some died. Animals that ate smaller amounts of PCBs in food over several weeks or months developed various kinds of health effects, including anemia; acne-like skin conditions; and liver, stomach, and thyroid gland injuries. Other effects

of PCBs in animals include changes in the immune system, behavioral alterations, and impaired reproduction. PCBs are not known to cause birth defects.

How likely are PCBs to cause cancer?

Few studies of workers indicate that PCBs were associated with certain kinds of cancer in humans, such as cancer of the liver and biliary tract. Rats that ate food containing high levels of PCBs for two years developed liver cancer. The Department of Health and Human Services (DHHS) has concluded that PCBs may reasonably be anticipated to be carcinogens. The EPA and the International Agency for Research on Cancer (IARC) have determined that PCBs are probably carcinogenic to humans.

How can PCBs affect children?

Women who were exposed to relatively high levels of PCBs in the workplace or ate large amounts of fish contaminated with PCBs had babies that weighed slightly less than babies from women who did not have these exposures. Babies born to women who ate PCB-contaminated fish also showed abnormal responses in tests of infant behavior. Some of these behaviors, such as problems with motor skills and a decrease in short-term memory, lasted for several years. Other studies suggest that the immune system was affected in children born to and nursed by mothers exposed to increased levels of PCBs. There are no reports of structural birth defects caused by exposure to PCBs or of health effects of PCBs in older children. The most likely way infants will be exposed to PCBs is from breast milk. Transplacental transfers of PCBs were also reported In most cases, the benefits of breast-feeding outweigh any risks from exposure to PCBs in mother's milk.

How can families reduce the risk of exposure to PCBs?

❑ You and your children may be exposed to PCBs by eating fish or wildlife caught from contaminated locations. Certain states, Native American tribes, and U.S. territories have issued advisories to warn people about PCB-contaminated fish and fish-eating wildlife. You can reduce your family's exposure to PCBs by obeying these advisories.

❑ Children should be told not play with old appliances, electrical equipment, or transformers, since they may contain PCBs.

❑ Children should be discouraged from playing in the dirt near hazardous waste sites and in areas where there was a transformer fire. Children should also be discouraged from eating dirt and putting dirty hands, toys or other objects in their mouths, and should wash hands frequently.

❑ If you are exposed to PCBs in the workplace it is possible to carry them home on your clothes, body, or tools. If this is the case, you should shower and change clothing before leaving work, and your work clothes should be kept separate from other clothes and laundered separately.

Is there a medical test to show whether I've been exposed to PCBs?

Tests exist to measure levels of PCBs in your blood, body fat, and breast milk, but these are not routinely conducted. Most people normally have low levels of PCBs in their body because nearly everyone has been environmentally exposed to PCBs. The tests can show if your PCB levels are elevated, which would indicate past exposure to above-normal levels of PCBs, but cannot determine when or how long you were exposed or whether you will develop health effects.

Has the federal government made recommendations to protect human health?

The EPA has set a limit of 0.0005 milligrams of PCBs per liter of drinking water (0.0005 mg/L). Discharges, spills or accidental releases of 1 pound or more of PCBs into the environment must be reported to the EPA. The Food and Drug Administration (FDA) requires that infant foods, eggs, milk and other dairy products, fish and shellfish, poultry and red meat contain no more than 0.2-3 parts of PCBs per million parts (0.2-3 ppm) of food. Many states have established fish and wildlife consumption advisories for PCBs.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 2000. Toxicological profile for polychlorinated biphenyls (PCBs). Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop E-29, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 404-498-0093. ToxFAQs™ Internet address is http://www.atsdr.cdc.gov/toxfaq.html. ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

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POLYCYCLIC AROMATIC HYDROCARBONS (PAHs)

Agency for Toxic Substances and Disease Registry ToxFAQs September 1996

This fact sheet answers the most frequently asked health questions (FAQs) about polycyclic aromatic hydrocarbons (PAHs). For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. This information is important because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

SUMMARY: Exposure to polycyclic aromatic hydrocarbons usually occurs by breathing air contaminated by wild fires or coal tar, or by eating foods that have been grilled. PAHs have been found in at least 600 of the 1,430 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What are polycyclic aromatic hydrocarbons?

(Pronounced pŏl'ĭ-sī'klĭk ăr'ə-măt'ĭk hī'drə-kar'bənz)

Polycyclic aromatic hydrocarbons (PAHs) are a group of over 100 different chemicals that are formed during the incomplete burning of coal, oil and gas, garbage, or other organic substances like tobacco or charbroiled meat. PAHs are usually found as a mixture containing two or more of these compounds, such as soot.

Some PAHs are manufactured. These pure PAHs usually exist as colorless, white, or pale yellow-green solids. PAHs are found in coal tar, crude oil, creosote, and roofing tar, but a few are used in medicines or to make dyes, plastics, and pesticides.

What happens to PAHs when they enter the environment?

- PAHs enter the air mostly as releases from volcanoes, forest fires, burning coal, and automobile exhaust.
- PAHs can occur in air attached to dust particles.
- Some PAH particles can readily evaporate into the air from soil or surface waters.
- PAHs can break down by reacting with sunlight and other chemicals in the air, over a period of days to weeks.
- PAHs enter water through discharges from industrial and wastewater treatment plants.
- Most PAHs do not dissolve easily in water. They stick to solid particles and settle to the bottoms of lakes or rivers.
- Microorganisms can break down PAHs in soil or water after a period of weeks to months.
- In soils, PAHs are most likely to stick tightly to particles; certain PAHs move through soil to contaminate underground water.
- PAH contents of plants and animals may be much higher than PAH contents of soil or water in which they live.

How might I be exposed to PAHs?

- Breathing air containing PAHs in the workplace of coking, coal-tar, and asphalt production plants; smokehouses; and municipal trash incineration facilities.
- Breathing air containing PAHs from cigarette smoke, wood smoke, vehicle exhausts, asphalt roads, or agricultural burn smoke.
- Coming in contact with air, water, or soil near hazardous waste sites.
- Eating grilled or charred meats; contaminated cereals, flour, bread, vegetables, fruits, meats; and processed or pickled foods.
- Drinking contaminated water or cow's milk.

POLYCYCLIC AROMATIC HYDROCARBONS (PAHs)

- Nursing infants of mothers living near hazardous waste sites may be exposed to PAHs through their mother's milk.

How can PAHs affect my health?

Mice that were fed high levels of one PAH during pregnancy had difficulty reproducing and so did their offspring. These offspring also had higher rates of birth defects and lower body weights. It is not known whether these effects occur in people.

Animal studies have also shown that PAHs can cause harmful effects on the skin, body fluids, and ability to fight disease after both short- and long-term exposure. But these effects have not been seen in people.

How likely are PAHs to cause cancer?

The Department of Health and Human Services (DHHS) has determined that some PAHs may reasonably be expected to be carcinogens.

Some people who have breathed or touched mixtures of PAHs and other chemicals for long periods of time have developed cancer. Some PAHs have caused cancer in laboratory animals when they breathed air containing them (lung cancer), ingested them in food (stomach cancer), or had them applied to their skin (skin cancer).

Is there a medical test to show whether I've been exposed to PAHs?

In the body, PAHs are changed into chemicals that can attach to substances within the body. There are special tests that can detect PAHs attached to these substances in body tissues or blood. However, these tests cannot tell whether any health effects will occur or find out the extent or source of your exposure to the PAHs. The tests aren't usually available in your doctor's office because special equipment is needed to conduct them.

Has the federal government made recommendations to protect human health?

The Occupational Safety and Health Administration (OSHA) has set a limit of 0.2 milligrams of PAHs per cubic meter of air (0.2 mg/m^3). The OSHA Permissible Exposure Limit (PEL) for mineral oil mist that contains PAHs is 5 mg/m^3 averaged over an 8-hour exposure period.

The National Institute for Occupational Safety and Health (NIOSH) recommends that the average workplace air levels for coal tar products not exceed 0.1 mg/m^3 for a 10-hour workday, within a 40-hour workweek. There are other limits for workplace exposure for things that contain PAHs, such as coal, coal tar, and mineral oil.

Glossary

Carcinogen: A substance that can cause cancer.

Ingest: Take food or drink into your body.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 1995. Toxicological profile for polycyclic aromatic hydrocarbons. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop E-29, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 404-498-0093. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

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TOLUENE
CAS # 108-88-3

Division of Toxicology ToxFAQs™ February 2001

This fact sheet answers the most frequently asked health questions (FAQs) about toluene. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Exposure to toluene occurs from breathing contaminated workplace air, in automobile exhaust, some consumer products paints, paint thinners, fingernail polish, lacquers, and adhesives. Toluene affects the nervous system. Toluene has been found at 959 of the 1,591 National Priority List sites identified by the Environmental Protection Agency

What is toluene?

Toluene is a clear, colorless liquid with a distinctive smell. Toluene occurs naturally in crude oil and in the tolu tree. It is also produced in the process of making gasoline and other fuels from crude oil and making coke from coal.

Toluene is used in making paints, paint thinners, fingernail polish, lacquers, adhesives, and rubber and in some printing and leather tanning processes.

What happens to toluene when it enters the environment?

❑ Toluene enters the environment when you use materials that contain it. It can also enter surface water and groundwater from spills of solvents and petrolieum products as well as from leasking underground storage tanks at gasoline stations and other facilities.

❑ When toluene-containing products are placed in landfills or waste disposal sites, the toluene can enter the soil or water near the waste site.

❑ Toluene does not usually stay in the environment long.

❑ Toluene does not concentrate or buildup to high levels in animals.

How might I be exposed to toluene?

❑ Breathing contaminated workplace air or automobile exhaust.

❑ Working with gasoline, kerosene, heating oil, paints, and lacquers.

❑ Drinking contaminated well-water.

❑ Living near uncontrolled hazardous waste sites containing toluene products.

How can toluene affect my health?

Toluene may affect the nervous system. Low to moderate levles can cause tiredness, confusion, weakness, drunken-type actions, memory loss, nausea, loss of appetite, and

hearing and color vision loss. These symptoms usually disappear when exposure is stopped.

Inhaling High levels of toluene in a short time can make you feel light-headed, dizzy, or sleepy. It can also cause unconsciousness, and even death.

High levels of toluene may affect your kidneys.

How likely is toluene to cause cancer?

Studies in humans and animals generally indicate that toluene does not cause cancer.

The EPA has determined that the carcinogenicity of toluene can not be classified.

How can toluene affect children?

It is likely that health effects seen in children exposed to toluene will be similar to the effects seen in adults. Some studies in animals suggest that babies may be more sensitive than adults.

Breathing very high levels of toluene during pregnancy can result in children with birth defects and retard mental abilities, and growth. We do not know if toluene harms the unborn child if the mother is exposed to low levels of toluene during pregnancy.

How can families reduce the risk of exposure to toluene?

❑ Use toluene-containing products in well-ventilated areas.

❑ When not in use, toluene-containing products should be tightly covered to prevent evaporation into the air.

Is there a medical test to show whether I've been exposed to toluene?

There are tests to measure the level of toluene or its breakdown products in exhaled air, urine, and blood. To determine if you have been exposed to toluene, your urine or blood must be checked within 12 hours of exposure. Several other chemicals are also changed into the same breakdown products as toluene, so some of these tests are not specific for toluene.

Has the federal government made recommendations to protect human health?

EPA has set a limit of 1 milligram per liter of drinking water (1 mg/L).

Discharges, releases, or spills of more than 1,000 pounds of toluene must be reported to the National Response Center.

The Occupational Safety and Health Administration has set a limit of 200 parts toluene per million of workplace air (200 ppm).

Source of Information

Agency for Toxic Substances and Disease Registry (ATSDR). 2000. Toxicological Profile for Toluene. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop E-29, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 404-498-0093. ToxFAQs™ Internet address is http://www.atsdr.cdc.gov/toxfaq.html . ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

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USED MINERAL-BASED CRANKCASE OIL CAS # 8002-05-9

This fact sheet answers the most frequently asked health questions (FAQs) about used mineral-based crankcase oil. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Used mineral-based crankcase oil is also called used engine oil. Exposure to this oil can occur when you change the oil of your car or another type of engine. Exposure to very high levels of used oil can cause skin rashes, headaches and tremors. Used oil has been found in at least 85 of the 1,416 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is used mineral-based crankcase oil?

Used mineral-based crankcase oil is the brown-to-black, oily liquid removed from the engine of a motor vehicle when the oil is changed. It is similar to unused oil except it contains additional chemicals from its use as an engine lubricant.

The chemicals in oil include hydrocarbons, which are distilled from crude oil, and various additives that improve the oil's performance. Used oil also contains chemicals formed when the oil is exposed to high temperatures and pressures inside an engine. It also contains some metals from engine parts and small amounts of gasoline, antifreeze, and chemicals that come from gasoline when it burns inside the engine.

The chemicals found in used mineral-based crankcase oil vary depending on the brand and type of oil, whether gasoline or diesel fuel was used, the mechanical condition of the engine that the oil came from, and the amount of use between oil changes. Used oil is not naturally found in the environment.

What happens to used mineral-based crankcase oil when it enters the environment?

- Used mineral-based crankcase oil enters the air through the exhaust system during engine use.
- It may enter water or soil when disposed of improperly.
- The hydrocarbon components of the oil generally stick to the soil surface.
- Some hydrocarbons evaporate into the air very quickly, and others evaporate more slowly.
- Hydrocarbon components of the oil that enter surface water bind to small particles in the water and eventually settle to the bottom.
- Hydrocarbons from used mineral-based crankcase oil may build up in shellfish or other organisms.
- Some metals in used mineral-based crankcase oil dissolve in water and move through the soil easily and may be found in surface water and groundwater.

How might I be exposed to used mineral-based crankcase oil?

- When you change the engine oil in your car.
- Breathing a small amount of the chemicals from the oil in exhaust fumes or from burning the oil as heating fuel.
- Touching contaminated soil or drinking contaminated water.

How can used mineral-based crankcase oil affect my health?

The health effects of used mineral-based crankcase oil vary depending on the brand and type of oil used and the

USED MINERAL-BASED CRANKCASE OIL
CAS # 8002-05-9

characteristics of the engine it came from.

Mechanics and other auto workers who are exposed to used mineral-based crankcase oil from a large number of cars have experienced skin rashes, blood effects (anemia), and headaches and tremors. However, these workers are also exposed to other chemicals, which may have caused these health effects.

Volunteers who breathed mists of used mineral-based crankcase oil for a few minutes had slightly irritated noses, throats, and eyes. Animals that ate large amounts of this oil developed diarrhea. Thus, people who swallow used mineral-based crankcase oil may also have diarrhea.

Some cows that ate used oil containing metals such as molybdenum and lead in contaminated pastures experienced anemia and tremors. Some of the cows died.

We do not know if exposure to used mineral-based crankcase oil affects the reproductive ability of men or women or whether it causes birth defects.

How likely is used mineral-based crankcase oil to cause cancer?

Long-term exposure (365 days or longer) of the skin to used mineral-based crankcase oil causes skin cancer in mice. Oils contain PAHs. Some PAHs have been identified as the cancer-causing agents. Animal tests have shown that the higher the PAH content in oil, the more likely for the oil to be carcinogenic.

The **Department of Health and Human Services (DHHS)**, the **International Agency for Research on Cancer (IARC)**, and the **EPA** have not classified used mineral-based crankcase oil with regard to its carcinogenicity in people.

Is there a medical test to show whether I've been exposed to used mineral-based crankcase oil?

Used mineral-based crankcase oil is a mixture of a large number of chemicals. Its composition depends on the brand of oil and the characteristics of the engine in which it was used. However, there are methods for determining if you have been exposed to some of the chemicals in used oil. These tests aren't available at most doctors' offices, but can be done at special laboratories that have the right equipment.

Has the federal government made recommendations to protect human health?

The EPA and most states have developed regulations regarding disposal of used oil, its recycling, spraying used oil onto road surfaces for dust control, or burning it as a fuel.

Glossary

Anemia: A decreased ability of the blood to transport oxygen.

Carcinogenicity: Ability to cause cancer.

CAS: Chemical Abstracts Service.

Evaporate: To enter the air as a vapor.

PAHs: Polyaromatic hydrocarbons; a group of chemicals found in oil and other minerals.

References

This ToxFAQs information is taken from the 1997 Toxicological Profile for Used Mineral-based Crankcase Oil produced by the Agency for Toxic Substances and Disease Registry, Public Health Service, U.S. Department of Health and Human Services, Public Health Service in Atlanta, GA.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop E-29, Atlanta, GA 30333. Phone:1-888-422-8737, FAX: 404-498-0093. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

XYLENE
CAS # 1330-20-7

This fact sheet answers the most frequently asked health questions (FAQs) about xylene. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

SUMMARY: Exposure to xylene occurs in the workplace and when you use paint, gasoline, paint thinners and other products that contain it. People who breathe high levels may have dizziness, confusion, and a change in their sense of balance. This substance has been found in at least 658 of the 1,430 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is xylene?

(Pronounced zī'lēn)

Xylene is a colorless, sweet-smelling liquid that catches on fire easily. It occurs naturally in petroleum and coal tar and is formed during forest fires. You can smell xylene in air at 0.08–3.7 parts of xylene per million parts of air (ppm) and begin to taste it in water at 0.53–1.8 ppm.

Chemical industries produce xylene from petroleum. It's one of the top 30 chemicals produced in the United States in terms of volume.

Xylene is used as a solvent and in the printing, rubber, and leather industries. It is also used as a cleaning agent, a thinner for paint, and in paints and varnishes. It is found in small amounts in airplane fuel and gasoline.

What happens to xylene when it enters the environment?

- Xylene has been found in waste sites and landfills when discarded as used solvent, or in varnish, paint, or paint thinners.
- It evaporates quickly from the soil and surface water into the air.
- In the air, it is broken down by sunlight into other less harmful chemicals.
- It is broken down by microorganisms in soil and water.
- Only a small amount of it builds up in fish, shellfish, plants, and animals living in xylene-contaminated water.

How might I be exposed to xylene?

- Breathing xylene in workplace air or in automobile exhaust.
- Breathing contaminated air.
- Touching gasoline, paint, paint removers, varnish, shellac, and rust preventatives that contain it.
- Breathing cigarette smoke that has small amounts of xylene in it.
- Drinking contaminated water or breathing air near waste sites and landfills that contain xylene.
- The amount of xylene in food is likely to be low.

How can xylene affect my health?

Xylene affects the brain. High levels from exposure for short periods (14 days or less) or long periods (more than 1 year) can cause headaches, lack of muscle coordination, dizziness, confusion, and changes in one's sense of balance. Exposure of

people to high levels of xylene for short periods can also cause irritation of the skin, eyes, nose, and throat; difficulty in breathing; problems with the lungs; delayed reaction time; memory difficulties; stomach discomfort; and possibly changes in the liver and kidneys. It can cause unconsciousness and even death at very high levels.

Studies of unborn animals indicate that high concentrations of xylene may cause increased numbers of deaths, and delayed growth and development. In many instances, these same concentrations also cause damage to the mothers. We do not know if xylene harms the unborn child if the mother is exposed to low levels of xylene during pregnancy.

How likely is xylene to cause cancer?

The International Agency for Research on Cancer (IARC) has determined that xylene is not classifiable as to its carcinogenicity in humans.

Human and animal studies have not shown xylene to be carcinogenic, but these studies are not conclusive and do not provide enough information to conclude that xylene does not cause cancer.

Is there a medical test to show whether I've been exposed to xylene?

Laboratory tests can detect xylene or its breakdown products in exhaled air, blood, or urine. There is a high degree of agreement between the levels of exposure to xylene and the levels of xylene breakdown products in the urine. However, a urine sample must be provided very soon after exposure ends because xylene quickly leaves the body. These tests are not routinely available at your doctor's office.

Has the federal government made recommendations to protect human health?

The EPA has set a limit of 10 ppm of xylene in drinking water.

The EPA requires that spills or accidental releases of xylenes into the environment of 1,000 pounds or more must be reported.

The Occupational Safety and Health Administration (OSHA) has set a maximum level of 100 ppm xylene in workplace air for an 8-hour workday, 40-hour workweek.

The National Institute for Occupational Safety and Health (NIOSH) and the American Conference of Governmental Industrial Hygienists (ACGIH) also recommend exposure limits of 100 ppm in workplace air.

NIOSH has recommended that 900 ppm of xylene be considered immediately dangerous to life or health. This is the exposure level of a chemical that is likely to cause permanent health problems or death.

Glossary

Evaporate: To change from a liquid into a vapor or a gas.

Carcinogenic: Having the ability to cause cancer.

CAS: Chemical Abstracts Service.

ppm: Parts per million.

Solvent: A liquid that can dissolve other substances.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 1995. Toxicological profile for xylenes (update). Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop E-29, Atlanta, GA 30333. Phone:1-888-422-8737, FAX: 404-498-0093. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

APPENDIX B

WEST-NILE VIRUS/ST. LOUIS ENCEPHALITIS PREVENTION

WEST NILE VIRUS/ST. LOUIS ENCEPHALITIS PREVENTION

The following section is based upon information provided by the CDC Division of Vector-Borne Infectious Diseases. Symptoms of West Nile Virus include fever, headache, and body aches, occasionally with skin rash and swollen lymph glands, with most infections being mild. More severe infection may be marked by headache, high fever, neck stiffness, stupor, disorientation, coma, tremors, convulsions, muscle weakness, paralysis, and, rarely, death. Most infections of St. Louis encephalitis are mild without apparent symptoms other than fever with headache. More severe infection is marked by headache, high fever, neck stiffness, stupor, disorientation, coma, tremors, occasional convulsions (especially infants) and spastic (but rarely flaccid) paralysis. The only way to avoid infection of West Nile Virus and St. Louis encephalitis is to avoid mosquito bites. To reduce the chance of mosquito contact:

- Stay indoors at dawn, dusk, and in the early evening.
- Wear long-sleeved shirts and long pants whenever you are outdoors.
- Spray clothing with repellents containing permethrin or DEET (N,N-diethyl-meta-toluamide), since mosquitoes may bite through thin clothing.
- Apply insect repellent sparingly to exposed skin. An effective repellent will contain 35 percent DEET. DEET in high concentrations (greater than 35 percent) provides no additional protection.
- Repellents may irritate the eyes and mouth.
- Whenever you use an insecticide or insect repellent, be sure to read and follow the manufacturer's directions for use, as printed on the product.

APPENDIX C

SITE SAFETY OFFICER RESUME

JESSICA E. LEBER

ENVIRONMENTAL SCIENTIST

Ms. Leber is an environmental scientist with about one year of professional environmental consulting experience. Her range of experience includes completing environmental site assessments, subsurface investigations, hazardous materials impact studies, and preparing sampling protocols and health and safety plans. Ms. Leber's fieldwork experience includes soil boring installation and sampling, groundwater monitoring well installation and sampling, test pit oversight, and air monitoring.

Prior to joining AKRF, Ms. Leber graduated cum laude from Columbia University with a degree in Environmental Chemistry. She has past experience working in organic and environmental chemistry research laboratories at Columbia University and Stony Brook University. Prior to her graduation, she completed an internship at a small environmental consulting firm in Nassau County.

BACKGROUND

Education

B.A., Environmental Chemistry, Columbia University

Certifications

40 Hour Hazardous Waste Operations Site Worker

New York State-Licensed Asbestos Inspector

RELEVANT EXPERIENCE

Atlantic Yards Arena, Brooklyn, NY

As part of the New York City CEQR process, Ms. Leber served on a team of Hazmat staff conducting Phase I Environmental Site Assessments in accordance with ASTM E-1527-00 related to the potential development of eight city blocks for the Atlantic Yards Arena. Ms. Leber coordinated with clients, property owners, and tenants to conduct the site inspections, historical research, regulatory records review, and preparation of the Phase I report.

Flushing, Queens, NY

Ms. Leber is serving on a team conducting an investigation and remediation of a large PCB-contaminated former utility property in Flushing, Queens. She has completed field work for several hundred soil boring installations in the contaminant delineation phase of the project and has aided in preparing documents for the site's transfer from the State Voluntary Cleanup Program to the State Brownfield Cleanup Program.

Queens West, Long Island City, NY

Ms. Leber conducted field work for a supplemental remedial investigation at this former Blau Gas manufacturing facility on a portion of the Queens West Development site in Long Island City. The work is being conducted as part of a Voluntary Cleanup Agreement with the NYSDEC. Field work activities have included soil boring installation, test pit oversight, and monitoring well installation and sampling. Ms. Leber will analyze the laboratory analytical data and aid in preparing a report of the findings of the investigation.

AKRF

West - Chambers Street, New York, NY

Ms. Leber completed a subsurface investigation for this property currently in the CEQR process to allow residential and commercial development at the site. Ms. Leber's work included the installation and sampling of soil borings and groundwater monitoring wells, analysis of analytical laboratory data, and preparation of an investigation report. Based on the findings of this study, Ms. Leber prepared a Remedial Action Plan and Construction Phase Health and Safety Plan currently pending approval by the New York City Department of Environmental Protection.

APPENDIX D

REPORT FORMS

WEEKLY SAFETY REPORT FORM

Week Ending: _____ Project Name/Number: _____

Report Date: _____ Project Manager Name: _____

Summary of any violations of procedures occurring that week: _____

_____

_____

_____

Summary of any job related injuries, illnesses, or near misses that week: _____

_____

_____

_____

_____

Summary of air monitoring data that week (include sample analyses, action levels exceeded, and actions taken):

_____

_____

_____

Comments:

_____

_____

_____

Name: _____ Company: _____

Signature: _____ Title: _____

INCIDENT REPORT FORM

Date of Report: _____

Injured: _____

Employer: _____

Site: _____ Site Location: _____

Report Prepared By: _____ _____

Signature Title

ACCIDENT/INCIDENT CATEGORY (check all that apply)

___Injury	___ Illness	___ Near Miss
__ Property Damage	___ Fire	___ Chemical Exposure
__ On-site Equipment	___ Motor Vehicle	___ Electrical
__ Mechanical	___ Spill	___ Other

DATE AND TIME OF ACCIDENT/INCIDENT: Narrative report of Accident/Incident: Identify: 1) actions leading to or contributing to the accident/incident; 2) the accident/incident occurrence; and 3) actions following the accident/incident.

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

WITNESS TO ACCIDENT/INCIDENT:

Name _____ Company: _____

Address: _____

Phone No.: _____

Name _____ Company: _____

Address: _____

Phone No.: _____

INJURED - ILL:

Name: _____ SSN: _____

Address: _____ Age: _____

Length of Service: _____ Time on Present Job: _____

Time/Classification: _____

SEVERITY OF INJURY OR ILLNESS:

____ Disabling ___ Non-disabling ___ Fatality

____ Medical Treatment ___ First Aid Only

ESTIMATED NUMBER OF DAYS AWAY FROM JOB: _____

NATURE OF INJURY OR ILLNESS: _____

_____

_____

_____

CLASSIFICATION OF INJURY:

__ Abrasions	_____ Dislocations	____ Punctures
__ Bites	_____ Faint/Dizziness	____ Radiation Burns
__ Blisters	_____ Fractures	____ Respiratory Allergy
__ Bruises	_____ Frostbite	____ Sprains
__ Chemical Burns	_____ Heat Burns	____ Toxic Resp. Exposure
__ Cold Exposure	_____ Heat Exhaustion	____ Toxic Ingestion
__ Concussion	_____ Heat Stroke	____ Dermal Allergy
__ Lacerations		

Part of Body Affected: _____

Degree of Disability: _____

Date Medical Care was Received: _____

Where Medical Care was Received: _____

Address (if off-site): _____

(If two or more injuries, record on separate sheets)

PROPERTY DAMAGE:

Description of Damage: _____

_____

Cost of Damage: $ _____

ACCIDENT/INCIDENT LOCATION: _____

ACCIDENT/INCIDENT ANALYSIS: Causative agent most directly related to accident/incident (object, substance, material, machinery, equipment, conditions)

_____

_____

_____

_____

Was weather a factor?: _____

_____

Unsafe mechanical/physical/environmental condition at time of accident/incident (be specific):

_____

_____

_____

Personal factors (attitude, knowledge or skill, reaction time, fatigue):

_____

_____

ON-SITE ACCIDENTS/INCIDENTS:

Level of personal protection equipment required in Site Safety Plan:

_____

_____

Modifications:

_____

Was injured using required equipment?:

_____

_____

If not, how did actual equipment use differ from plan?:

_____

_____

ACTION TAKEN TO PREVENT RECURRENCE: (Be specific. What has or will be done? When will it be done? Who is the responsible party to insure that the correction is made?

ACCIDENT/INCIDENT REPORT REVIEWED BY:

SSO Name Printed

SSO Signature

OTHERS PARTICIPATING IN INVESTIGATION:

Signature

Title

Signature

Title

Signature

Title

ACCIDENT/INCIDENT FOLLOW-UP: Date:

Outcome of accident/incident:

Physician's recommendations:

Date injured returned to work:

Follow-up performed by:

Signature

Title

ATTACH ANY ADDITIONAL INFORMATION TO THIS FORM

APPENDIX E

EMERGENCY HAND SIGNALS

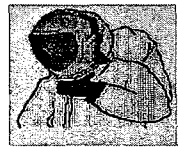
EMERGENCY SIGNALS

In most cases, field personnel will carry portable radios for communication. If this is the case, a transmission that indicates an emergency will take priority over all other transmissions. All other Site radios will yield the frequency to the emergency transmissions.

Where radio communications is not available, the following air-horn and/or hand signals will be used:

EMERGENCY HAND SIGNALS

OUT OF AIR, CAN'T BREATH!

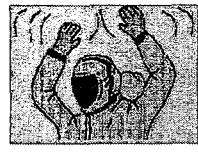


Hand gripping throat

LEAVE AREA IMMEDIATELY, NO DEBATE!

(No Picture) Grip partner's wrist or place both hands around waist

NEED ASSISTANCE!



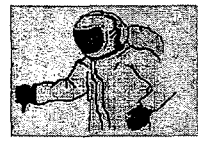
Hands on top of head

OKAY! – I'M ALL RIGHT!

- I UNDERSTAND!

Thumbs up

NO! - NEGATIVE!



Thumbs down

APPENDIX F

EXPANDED COMMUNITY AIR MONITORING AND ODOR/VAPOR CONTROL PLAN

Gowanus Canal Joint Venture

BCP ID No. C224080

BROOKLYN, NEW YORK

Expanded Community Air Monitoring and Odor/Vapor Control Plan

AKRF Project Number: 10442

Prepared for:

Gowanus Canal Joint Venture, LLC
277 Northern Boulevard
Great Neck, NY 11021

Prepared by:

AKRF, Inc.
440 Park Avenue South
New York, NY 10016
212-696-0670

OCTOBER 2005

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1.0 INTRODUCTION

This Expanded Community Air Monitoring and Odor/Vapor Control Plan specifies the following:

- Expanded procedures to be implemented to control emissions of vapors, particulate matter, or odors resulting from operations on the Site;
- Expanded procedures for monitoring to detect any emissions from operations on the Site which may affect the surrounding community; and
- The appropriate response measures to be implemented if such emissions are detected.
- This Plan shall be implemented during the remedial investigation (RI) activities only when the air monitoring and response action measures described in Section 2.7 of the Revised Health and Safety Plan are insufficient in preventing repeated exceedances of perimeter monitoring action levels or in preventing off-site nuisance odor impacts. The NYSDEC and NYSDOH will be notified should the implementation of this contingency Expanded Community Air Monitoring and Odor/Vapor Control Plan be required. Procedures intended to detect and respond to conditions which may affect on-site personnel are specified in the Revised Health and Safety Plan for this Site.

2.0 DUST, ODOR, AND VAPOR SUPPRESSION

2.1 Dust Suppression Measures

Dust suppression measures will be implemented during excavation activities associated with potential underground storage tank removals in accordance with the guidelines in NYSDEC Technical and Administrative Guidance Memorandum #4031, Fugitive Dust Suppression and Particulate Monitoring Program at Inactive Hazardous Waste Sites. The following dust suppression measures will be implemented:

- Applying water on haul roads.
- Wetting equipment and excavation faces.
- Spraying water on buckets during excavation and dumping.
- Hauling materials in properly tarped or covered containers.
- Restricting vehicle speeds on the Site to ten mph.
- Covering excavated areas and material after excavation activity ceases.
- Reducing the excavation size and/or number of excavations.

2.2 Odor and Vapor Control Measures

Emissions of odors and vapors will be controlled by minimizing, to the extent possible, the exposure of contaminated soil to the atmosphere. Specific measures that shall be implemented include:

- Minimizing the size of excavations. Contaminated soil will be excavated by sections to minimize the size of the excavation that is open at any time.
- Promptly backfilling excavations. Adequate volumes of on-site or off-site fill material will be available if it is not possible to backfill with excavated material.

- Promptly removing contaminated soil. Pre-approval will be obtained from disposal facilities to minimize delay in moving soil off-site. Stockpiling of contaminated soil will be avoided to the extent practicable.
- Covering exposed excavated soil surfaces with encapsulant foam if odor is detected. A biodegradable, non-hazardous, non-flammable foam, such as Rusmar A-600, Allied AFT-400, or equivalent with an appropriate applicator unit will be present on-site during the excavation work. The foam will be used to cover stockpiles and exposed soil surfaces if necessary. In addition, odor-neutralizing agents (such as Ecosorb 606 by Lenntech Water) will be applied directly to the soil or in the air if odors persist. No long-term invasive activities are planned as part of the remedial investigation (RI), and therefore, long-term encapsulants and tarps would not be needed.
- Hauling soil only in covered trucks. When a disposal facility has been arranged, a trucking route will be selected that will minimize truck traffic through residential areas.

3.0 EXPANDED PERIMETER MONITORING

Expanded perimeter air monitoring will be performed for volatile organic compounds (VOCs) and particulate matter. Since excavations as part of the remedial investigation (RI) will be localized, monitoring locations will be at the upwind and downwind boundaries of the exclusion zone.

3.1 Perimeter Monitoring – Volatile Organic Compounds

3.1.1 Monitoring Procedure

Perimeter monitoring for volatile organic compounds (VOCs) will be conducted using an organic vapor meter (OVM) equipped with a photoionization detector (PID). The OVM will be capable of calculating 15-minute running average concentrations and equipped with an audible alarm to indicate the exceedance of an action level. Monitoring for VOCs at the upwind station will be conducted at the start of each workday and every time the wind direction changes, to establish background conditions. Monitoring for VOCs at the downwind station will be conducted on a continuous basis during excavation and loading operations. Background readings and any readings that trigger response actions will be recorded in the Project log book, which will be available on-site for NYSDEC/NYSDOH review, and the results of air monitoring activities and odor/vapor control measures will be provided in daily reports submitted to the NYSDEC and NYSDOH. The perimeter monitoring locations chosen will be recorded on a Site map submitted with the daily reports.

3.1.2 Response Actions

If the ambient (breathing zone) air concentration of VOCs at the Site perimeter exceeds five parts per million (ppm) over a 15-minute time-weighted running average, but does not exceed 25 ppm, then invasive work activities will be temporarily halted. If VOC levels readily return to below five ppm, then work may resume with continued monitoring. If VOC levels do not readily return to below five ppm, then work will be halted and NYSDEC and NYSDOH will be notified immediately. The source of the VOC emissions will be identified and corrective actions taken to reduce emissions. Work will not resume until VOC levels are below five ppm.

If the ambient (breathing zone) air concentration of VOCs at the Site perimeter exceeds 25 parts per million (ppm) over a 15-minute time weighted running average, or ambient air concentrations do not readily fall below five ppm after two consecutive 15-minute time weighted running averages, then work will be halted and NYSDEC and NYSDOH will be notified immediately. Confirmatory air samples will be collected at the upwind and downwind Site perimeters for laboratory analysis. Samples will be collected over a half-hour period in six-liter SUMMA canisters using flow controllers set at a rate of 0.2 liters per minute. The air samples will be analyzed for VOCs including tentatively identified compounds (TICs) by EPA Method TO-15. The source of the VOC emissions will be identified and corrective actions taken to reduce emissions. Work will not resume until VOC levels are below five ppm and the start-up is approved by NYSDEC and NYSDOH.

3.2 Perimeter Monitoring – Particulates

3.2.1 Monitoring Procedure

Community air monitoring for dust particulates will be conducted using a real time particulate monitor that measures the concentration of airborne respirable particulates less than ten micrometers in size (PM_{10}). The monitor will be capable of calculating 15-minute running average concentrations and equipped with an audible alarm to indicate exceedance of action levels. Monitoring for particulates at the upwind location will be conducted at the start of each workday and every time the wind direction changes, to establish background conditions. Monitoring at the downwind station will be continuous during soil excavation and loading activities. Background readings and any readings that trigger response actions will be recorded in the Project log book, which will be available on-site for NYSDEC/NYSDOH review.

3.2.2 Response Actions

If downwind PM_{10} concentrations exceed 100 micrograms per cubic meter ($\mu g/m^3$) above background for a 15-minute time-weighted average, then invasive work activities will be temporarily halted, and will resume only after the source of the dust has been identified, dust-suppression measures have been implemented, and the downwind PM_{10} level is less than 100 $\mu g/m^3$ above background for a 15-minute time-weighted average.

If downwind PM_{10} concentrations exceed 150 $\mu g/m^3$ above background concentrations over a 15-minuted time weighted running average, the NYSDEC and NYSDOH will be notified and the source of the particulates will be identified. Appropriate dust suppression measures will be implemented as described in Section 2.0, and work will not begin until PM_{10} concentration is less than 100 $\mu g/m^3$ above background and the NYSDEC and NYSDOH approve start-up. Confirmatory particulate samples will be collected of ambient air at the upwind and downwind perimeters. These samples will be laboratory analyzed for lead, arsenic, and polycyclic aromatic hydrocarbons (PAHs).

4.0 NEIGHBORHOOD ODOR AND VAPOR MONITORING

Neighborhood odor and vapor monitoring will be performed during soil excavation and loading. The frequency of these surveys will be continuous, starting at the commencement of work until the success of these odor control measures has been established. The subsequent surveys will be less frequent, based on field observations and measurements, but will occur no less than four times per day. The monitoring will utilize an organic vapor meter (OVM) equipped with a photoionization detector (PID) to measure VOC concentrations in addition to olfactory observations. The OVM will be capable of calculating 15-minute running average concentrations and equipped with an audible alarm to indicate the exceedance of an action level. To avoid any olfactory fatigue, the monitoring will be performed by a person who has not been working in the work area. The survey will focus on downwind locations and the adjacent sensitive receptors such as schools (adjacent to the north, east, and west of the Site) or residential buildings (adjacent to the west). The results of the surveys will be logged, and the records maintained on the Site for inspection by NYSDEC and NYSDOH.

If odors or vapors from the Site are detected off-site, then work will be halted and NYSDEC and NYSDOH will be notified immediately. Confirmatory air samples will be collected at the upwind and downwind Site perimeters for laboratory analysis. Samples will be collected over a half-hour period in six-liter SUMMA canisters using flow controllers set at a rate of 0.2 liters per minute. The air samples will be analyzed for VOCs including tentatively identified compounds (TICs) by EPA Method TO-15. The source of the emissions will be identified and corrective actions taken to reduce emissions. Work will not resume until the start-up is approved by NYSDEC and NYSDOH.

5.0 ODOR AND VAPOR CONTROL PLAN REVISIONS

If the odor and vapor control measures described in this contingency plan are still not adequate to prevent repeated exceedances of perimeter monitoring action levels, or to prevent off-site impacts as detected by the neighborhood odor and vapor monitoring program, then the invasive activities that resulted in the exceedances will be suspended and NYSDEC and NYSDOH will be notified. A revised plan for dust, vapor, or odor control with alternative work practices and control measures will be submitted to NYSDEC and NYSDOH. The suspended activities will not be resumed until the revised dust, vapor, or odor control plan is approved by NYSDEC and NYSDOH, and the alternative work practices and control measures are implemented.

APPENDIX B

GLOSSARY OF TERMS USED (ACRONYMS)

Appendix B – Commonly Used Acronyms In Report

AOC	Area of Concern
API	American Petroleum Institute
ARAR	Applicable or Relevant and Appropriate Requirement
ASCE	American Society of Civil Engineers
ASP	Analytical Services Protocol
ASTM	American Society for Testing and Materials
ASTs	Aboveground Storage Tanks
ATSDR	Agency for Toxic Substances and Disease Registry - a federal branch of the Center for Disease Control
BCP	Brownfields Cleanup Program
BED	Brownfield Eligibility Determination
BHC	Benzene Hexachlorides - a group of pesticides that includes lindane
BNA	Base/Neutral/Acid extractable organics analyzed by GC/MS
BSPR	Bureau of Spill Prevention and Response
BTEX	Benzene, Toluene, Ethyl-benzene and Xylene - major components of gasoline
BTX	Benzene, Toluene, and Xylene, common components of many petroleum based products
BUD	Beneficial Use Determination - exempts a material from regulation, allowing it to be beneficially used.
C&D	Construction and Demolition debris
CBS	Chemical Bulk Storage
CERCLA	Comprehensive Environmental Response, Compensation & Liability Act (1980) - the Federal Superfund law
CFR	Code of Federal Regulations
CGI	Combustible Gas Indicator
CLP	Contract Laboratory Protocol
CO	Consent Order
CO_2	Carbon dioxide
COC	Chemical of Concern
CP	Citizen Participation
cPAHs	Carcinogenic Polynuclear (or Polycyclic) Aromatic Hydrocarbons - a class of chemicals commonly found in tar, asphalt and combustion residues – that may cause cancer.
CPP	Citizen Participation Plan
CVOC	Chlorinated Volatile Organic Compound
DEC	Department of Environmental Conservation (New York State) - used interchangeably with NYSDEC or ENCON
DEE	Division of Environmental Enforcement - legal division within DEC responsible for regulatory enforcement
DER	Division of Environmental Remediation (formerly DHWR and DSM) - division within DEC responsible for the Inactive Hazardous Waste Disposal Site Remedial Program, the Voluntary Cleanup Program, the Environmental Restoration (Brownfields) Program, the Spill Prevention and Response

	Program (including spill remediation, petroleum and chemical bulk storage and major oil storage facility programs), and the Construction Grants program
DFW	Division of Fish and Wildlife - previous name for DFWMR
DFWMR	Division of Fish, Wildlife and Marine Resources (formerly DFW) - division within DEC responsible for assessment and management of our natural resources, regulation of hunting and fishing, and fisheries management.
DHWR	Division of Hazardous Waste Remediation - previous name for DER
DNAPL	Dense (heavier than water) Non-Aqueous Phase Liquid
DOD	United States Department of Defense
DOH	Department of Health (New York State) - interchangeable with NYSDOH
DOW	Division of Water - division within DEC responsible for water pollution control and monitoring of watersheds and waterways
DSHM	Division of Solid and Hazardous Materials - division within DEC responsible for regulation of solid and hazardous wastes
DSM	Division of Spills Management (former Division within DEC responsible for Spills Management, now the Bureau of Spill Prevention and Response within DER)
DUSR	Data Usability Summary Report
ECL	Environmental Conservation Law
EIS	Environmental Impact Statement
ELAP	Environmental Laboratory Approval Program
ENB	Environmental Notice Bulletin (DEC weekly publication)
EP Toxicity	Also known as EP Tox - An Extraction Procedure test to determine the leachability of selected hazardous chemicals. No longer widely used, it has been replaced by TCLP
EPA	Environmental Protection Agency (U.S.) - interchangeable with USEPA
ERP	New York's Environmental Restoration Program - also known as the "Brownfields" program
FID	Flame Ionization Detector
FIFRA	Federal Insecticide, Fungicide and Rodenticide Act
FOIA	Freedom of Information Act - Federal
FOIL	Freedom of Information Law - NY State
FS	Feasibility Study
FEMA	Federal Emergency Management Agency (U.S.)
FSF	Federal SuperFund
GC	Gas Chromatograph
GPM	Gallons per Minute
GRO	Gasoline Range Organics
GW	Groundwater
HASP	Health and Safety Plan
Haz Mat	Hazardous Materials
HDPE	High-Density Polyethylene (a widely used chemical resistant plastic)
HNu	a type of hand held field instrument used to measure Volatile Organic Compounds
IDL	Instrument Detection Limit

	IDLH - Immediately Dangerous to Life or Health - a critical concentration of air contamination
IP	Ionization Potential
IRM	Interim Remedial Measures
kg	kilogram - a unit of mass
LC	Lethal Concentration
LD	Lethal Dose
LEL	Lower Explosive Limit (see UEL)
LNAPL	Light (lighter than water) Non-Aqueous Phase Liquid
LUST	Leaking Underground Storage Tank
MCL	Maximum Contaminant Level
MDL	Method Detection Limit
MEK	Methyl Ethyl Ketone
mg/kg	milligram/kilogram - a unit of concentration in solids (equivalent to ppm)
mg/L	milligram/Liter - a unit of concentration in liquids (equivalent to ppm)
MGP	Manufactured Gas Plant
MIBK	Methyl Isobutyl Ketone
MOSF	Major Oil Storage Facility
MS	Mass Spectrometer
MSDS	Material Safety Data Sheet
MTBE	Methyl Tertiary Butyl Ether (gasoline constituent)
MW	Monitoring Well
N_2	Nitrogen - typically shipped and used in liquid form
NAPL	Non-Aqueous Phase Liquid
NCP	National Contingency Plan
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
NL	Navigation Law
NPDES	National Pollution Discharge Elimination System
NPL	National Priorities List
NRC	National Response Center
NYCRR	Official Compilation of NY State Codes, Rules and Regulations
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
O_2	Oxygen
OSHA	Occupational Safety and Health Act (U.S.) or Occupational Safety and Health Administration (U.S.)
O&M	Operation and Maintenance
OU	Operable Unit
OVA	Organic Vapor Analyzer
PA	USEPA Preliminary Assessment
PAH	Polynuclear Aromatic Hydrocarbons - a class of chemicals commonly found in tar, asphalt and combustion residues - the same as PNA.
Pb	Lead
PBS	Petroleum Bulk Storage

PCBs	Polychlorinated Biphenyls - a class of chemicals known for persistence in the environment
PCE	Perchloroethylene or Tetrachloroethene - one of the most common chemical contaminants, often coming from dry cleaning operations
PCS	Petroleum Contaminated Soil
PEL	Permissible Exposure Limit - an air contaminant level applicable to the work place
Perc	Perchloroethylene - same as PCE
Phase I	A preliminary investigation of site location and history by DEC
Phase I ESA	Phase I Environmental Site Assessment meeting the standards of ASTM.
Phase II	A preliminary investigation of site conditions, possibly including groundwater, surface water and soils sampling
Phase II ESI	Phase II Environmental Site investigation which meets the standards of ASTM
PID	Photo Ionization Detector
PNA	Polynuclear Aromatic hydrocarbons - the same as PAH
ppb	parts per billion
PPE	Personal Protective Equipment
ppm	parts per million
ppt	parts per trillion
PQL	Practical Quantitation Level
PRAP	Proposed Remedial Action Plan
PRP	Potentially Responsible Party (Also RP)
PSA	Preliminary Site Assessment
PVC	Poly Vinyl Chloride
QA	Quality Assurance
QAPP	Quality Assurance Program Plan
QAPjP	Quality Assurance Project Plan
QC	Quality Control
QRCL	Qualified Remediation Consultants List
RA	Remedial Action
RAWP	Remedial Action Work Plan
RAR	Remedial Alternatives Report - in NY's Brownfields Program
RBCA	Risk-Based Corrective Action
RCRA	Resource Conservation and Recovery Act - federal law that regulates the transfer, storage and disposal of solid and hazardous waste
RD	Remedial Design
RD/RA	Remedial Design / Remedial Action
REC	Recognized Environmental Condition – Identified in Phase I ESA
REL	Recommended Exposure Limit
RHWRE	Regional Hazardous Waste Remediation Engineer - head of the hazardous waste remediation unit in each of the DEC's Regional offices
RIR	Remedial Investigation Report
RI/FS	Remedial Investigation / Feasibility Study
RIWP	Remedial Investigation Work Plan
ROD	Record of Decision

RP	Responsible Party
RQ	Reportable Quantity
RSE	Regional Spills Engineer - head of petroleum spill response and prevention unit in each of the DEC's Regional offices
RTK	Community Right To Know - Executive Order No. 33 (NYS)
SARA	Superfund Amendments Reauthorization Act of 1986 (Federal)
SCBA	Self-Contained Breathing Apparatus
SCGs	Standards, Criteria and Guidance - the State version of ARARs
SEMO	State Emergency Management Office
SEQRA	State Environmental Quality Review Act
SGC	Short-term Guideline Concentration (Air Toxics)
SI	Site Investigation - in NY's Brownfield Program (Also USEPA Site Investigation)
SI/RAR	Site Investigation/Remedial Alternatives Report
SISD	Spill Information System Database
SOP	Standard Operating Procedure
SPDES	State Pollution Discharge and Elimination System - the State regulatory system for controlling pollution discharges to waterways and groundwater
SPOTS	Spill Prevention Operations Technology Series (DEC guidance documents)
SPR	Spill Prevention Report
SRF	Spill Response Form
SSF	State SuperFund
STARS	Spills Technology And Remediation Series - guidance from DEC for petroleum and chemical spill remediation
STP	Sewage Treatment Plant
SVE	Soil Vapor Extraction or Soil Vacuum Extraction
SVOC	Semi-Volatile Organic Compound
SW	Surface Water
SWMU	Solid Waste Management Unit
TAGM	Technical and Administrative Guidance Memorandum - guidance issued by DER for implementation of the hazardous waste site remedial program
TAL	Target Analyte List – usually metals
TCA	Trichloroethane
TCDD	Tetrachlorodibenzo para-dioxin - one of many chlorinated dioxin compounds
TCDF	Tetrachlorodibenzofuran - one of many chlorinated furan compounds
TCE	Trichloroethylene
TCL	Target Compound List
TCLP	Toxicity Characteristic Leaching Procedure - a leaching test used to identify hazardous waste and evaluate petroleum contaminated soils.
THO	Total Halogenated Organic compounds
Title 3	Article 52, Title 3 of the ECL authorizes EQBA grants to municipalities for hazardous waste site cleanup
TLV	Threshold Limit Value - an air contaminant level
TOCs	Total Organic Compounds
TOGS	Technical Operating Guidance Series - from DEC's Division of Water
TPH	Total Petroleum Hydrocarbons

TSCA	Toxic Substances Control Act (U.S.)
TSDF	Treatment, Storage or Disposal Facility
UEL	Upper Explosive Limit (see LEL)
ug/kg	microgram/kilogram - a unit of concentration in solids (equivalent to ppb)
ug/L	microgram/Liter - a unit of concentration in liquids (equivalent to ppb)
UL	Underwriters Laboratories
USGS	United States Geological Survey
UST	Underground Storage Tank
VCP	New York State's Voluntary Cleanup Program
VOA	Volatile Organic Analysis or Volatile Organic Analyte
VOC	Volatile Organic Compound
WWTP	Waste Water Treatment Plant

APPENDIX C

SPILL INVESTIGATION WORK PLAN

JANUARY 14, 2004

AKRF
116 East 27th Street, 7th fl
New York, NY 10016
tel: 646 459-3500
fax: 212 726-0942
www.akrf.com

Memorandum

To:	Tim DeMeo – New York State Department of Environmental Conservation
From:	Marcus Simons
Subject:	Spill Nos. 0208144 and 9810785 Bayside Fuel Oil Corp. Brooklyn, New York
Date:	January 14, 2004
cc:	D. Freeman, J. Candreva / Paul, Hastings, Janofsky & Walker LLP R. Pasucci, J. Ferrante / Gowanus Canal Joint Venture LLC V. Allegretti / Bayside Fuel Oil Corp. B. White, J. Foley / AKRF, Inc.

This memorandum serves to document our telephone conversation on the morning of January 12, 2004 regarding the active spill listings on the Bayside Fuel Oil Corp. site in Brooklyn, New York. The spill listings were reported during a tank removal in 1998 and during a subsurface investigation in 2002. The active spill listings (Spill Nos. 0208144 and 9810785) will be addressed at this time. A Spill Investigation Work Plan (SIWP) will be submitted to NYS DEC no later than January 15, 2004. The objective of the SIWP will be to delineate the extent of petroleum-contaminated soil in the vicinity of boring GP-1. A Remedial Investigation Report (RIR), summarizing the finding of the investigation, and a Remedial Action Work Plan (RAWP), addressing remediation of contamination identified during the investigation, will be prepared and submitted to NYS DEC after the completion of the SIWP. It is anticipated that remediation will consist of the excavation and removal of petroleum-contaminated soil from a discrete area defined in the RIR.

Any further investigation and/or remediation on the remainder of the Bayside site will be addressed through the Brownfield Cleanup Program. AKRF, Inc. is currently preparing a Brownfield Cleanup Program Application for the larger site (consisting of the remainder of the subject block and the terminal located on the south-adjacent block).

AKRF
Environmental and Planning Consultants

116 East 27th Street, 7th Floor
New York, NY 10016
tel: 646 459-3500
fax: 212 726-0942
www.akrf.com

January 14, 2004

Mr. Timothy DeMeo
Environmental Engineer
New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 2
Spill Prevention and Response
47-40 21st Street
Long Island City, New York 11101-5407

Re: Spill Investigation Work Plan
Bayside Fuel Oil Depot, Brooklyn, New York
NYS DEC Spill Nos. 0208144 and 9810785
AKRF Project No. 10442

Dear Mr. DeMeo:

AKRF, Inc. (AKRF) is pleased to present this Spill Investigation Work Plan (SIWP) for the spills (Spill Nos. 0208144 and 9810785) near the Bayside Fuel Oil Depot Corp. terminal in Brooklyn, New York (the project site or site). Please see Figure 1 for Project Site Location and Figure 2 for Project Site Detail. Please note that the larger site (consisting of the remainder of the subject block and the terminal, located on the south-adjacent block) is the subject of a Brownfield Cleanup Program Application, which AKRF is currently preparing for submission to the New York State Department of Environmental Conservation (NYS DEC).

This purpose of this investigation is to delineate the extent of petroleum contamination in the vicinity of a boring location (boring GP-1) in the north-central portion of the block. Based on the results of the investigation, a Remedial Investigation Report (RIR) will be prepared to document the findings of the field investigation and a Remedial Action Work Plan (RAWP) will be prepared to address contamination documented in the RIR. It is anticipated that remediation will consist of the excavation and removal of petroleum-contaminated soil from a discrete area defined in the RIR. When the spill has been remediated to the satisfaction of NYS DEC, a Remedial Action Report (RAR), documenting remedial activities, will be prepared and submitted to NYS DEC and closure of the spill listings will be requested.

As per our conversation on January 12, 2004, which was memorialized in a memorandum dated January 13, 2004, the active spill listing will be addressed at this time; any further investigation

and/or remediation on the remainder of the project site will be addressed through the Brownfields Cleanup Program. The project site is currently proposed for residential development and will require review under the New York City Environmental Review Process. These two processes will ensure that the entire project site is investigated and remediated to the satisfaction of both New York City and New York State.

Site Conditions

Evidence of petroleum contamination was encountered at boring location GP-1 (also known as boring 1-S), located in the north-central portion of the block, during a Phase II Subsurface Investigation performed in 2002 by Galli Engineering, P.C. (Galli). Petroleum-related volatile organic compounds (VOCs) were detected in soil collected from GP-1 at concentrations above the NYS DEC's Technical and Administrative Guidance Manual (TAGM) 4046 Recommended Soil Cleanup Objectives (RSCOs). The results of this investigation were presented in a report entitled *Draft Phase I and Phase II Environmental Site Assessments*, dated December 27, 2002. A copy of this report was forwarded to NYS DEC by Galli on March 5, 2003.

Boring GP-1 was located east-adjacent to the area where fourteen 550-gallon underground storage tanks (USTs) were removed in 1998. Ten of the tanks reportedly contained diesel fuel and four tanks contained kerosene. The tank removal was documented in a *Tank Closure Report*, prepared by A Cleaner Environment (ACE), dated February 17, 1999, which was submitted to NYS DEC's spills group (addressed to Kerri-Ann O'Dowd). This report was included by Galli as Appendix C in their *Draft Phase I and Phase II Environmental Site Assessments*. Endpoint soil samples collected after tank and contaminated soil removal contained concentrations of VOCs below TAGM RSCOs and concentrations of polycyclic aromatic hydrocarbons (low parts per million) slightly above RSCOs, but typical of urban fill material.

Although the concentrations of petroleum-related VOCs detected in GP-1 were orders of magnitude greater than those detected in endpoint soil samples, it is possible that the contamination detected in GP-1 is related to the former USTs, as there are no other known sources in the immediate vicinity.

It should be noted that two spills were reported to NYS DEC in November 1998 (No. 9809650 on November 2, 1998 and No. 9810785 on November 25, 1998). One of the spills, No. 9809650, was closed on November 4, 2002. According to the ACE *Tank Closure Report*, the fourteen former USTs were removed during the week of November 30, 1998. The ACE report references the project site as a "spill location," though the report makes no reference to a specific spill number. It is likely, therefore, that Spill No. 9810785 was reported during the UST removal and AKRF requests that this spill also be closed once the issues associated with 0208144 are addressed to NYS DEC's satisfaction.

Proposed Investigation

Boring GP-1 is located east-adjacent to the area where the fourteen USTs were removed. In order to delineate the extent of residual contaminated surrounding boring GP-1, four initial soil borings with one completed as a groundwater monitoring well are proposed. Please see Figure 2 for the proposed boring and well locations. Based on Galli's *Draft Phase I and Phase II Environmental Site Assessments*, groundwater is located between 9 and 11 feet below grade and it is expected to flow towards the Gowanus Canal. The groundwater monitoring well location was selected

presumably downgradient with respect to groundwater from the former UST area and from boring GP-1. If evidence of contamination is noted at any boring location (visual, odor or elevated photoionization detector [PID] readings), additional borings may be advanced further away from the likely source area (the former tank and pump areas and boring GP-1) to delineate the extent of contamination.

At each boring location, a hollow-stem auger rotary rig will be used to core through any existing asphalt or concrete surface. Soil samples will be collected by driving a split spoon sampler into the subsurface at two-foot intervals until groundwater is reached. Recovered soil will be transferred from each split spoon into a sealable plastic bag. Soil gas will be screened by placing the probe of a PID inside the plastic bag. If evidence of contamination (visual, odor or PID readings) is apparent in any soil interval, if practical, an additional boring will be advanced further away from the source area. This process will be repeated, as practical, until no evidence of contamination is noted in any boring.

One soil sample will be collected from the soil/groundwater interface from each soil boring (excluding those borings where contamination was encountered and additional borings were advanced in the same direction). Additional soil samples will be collected as necessary, based on field observations. The soil samples will be containerized in accordance with EPA analytical protocols. Each sample will be labeled, sealed, and placed in a chilled cooler for shipment to a NYS DOH ELAP-certified laboratory. Soil samples will be analyzed for volatile organic compounds (EPA Method 8021 STARS) and semivolatile organic compounds (EPA Method 8270 STARS). At each boring location, AKRF field personnel will record and document subsurface conditions.

A groundwater monitoring well will be completed at the easternmost boring location using the hollow-stem auger rig. In the monitoring well location, the boring will be overdrilled by approximately six feet. The monitoring well will be advanced using a 4¼-inch hollow-stem augers and will consist of two-inch internal diameter PVC casing in accordance with EPA protocols. A locking well cap and a flush-mounted well cover will be installed upon completion of the well. Drill cuttings that cannot be used to backfill borings will be drummed for off-site disposal.

If possible, the well will be developed on the day it is drilled by bailing or pumping, or as soon after completion as practicable. If bailers are used, they will consist of dedicated 1⅝" O.D. Teflon bailers. If the wells are pumped, dedicated Teflon tubing will be used. Turbidity will be measured using a nephelometer, and the well will be developed until the reading is 50 Nephelometric Turbidity Units (NTU) or less, or until at least three well volumes have been evacuated.

In accordance with EPA protocol, the well will not be sampled for at least seven days after development. Prior to sampling, an electronic interface meter will be used to measure water level and thickness of free product, if any. The well will be purged prior to sampling and a groundwater sample will be collected for laboratory analysis once pH, temperature and conductivity measurements stabilize and the turbidity reading is 10 NTU or less, or until at least five well volumes are purged. Development and purge water will be drummed for off-site disposal.

The groundwater sample will be containerized in accordance with EPA analytical protocols. The sample will be labeled, sealed, and placed in a chilled cooler for shipment to the laboratory. The groundwater sample will be analyzed for volatile organic compounds (EPA Method 8021 STARS) and semivolatile organic compounds (EPA Method 8270 STARS).

Schedule and Reporting

After NYS DEC-approval, a utility markout will be coordinated with the New York City/Long Island One Call Center and advance notice of five-business days will be provided to NYS DEC prior to the commencement of this SIWP. It is anticipated that a Remedial Investigation Report (RIR) and a Remedial Action Work Plan (RAWP) could be prepared approximately four to six weeks after the commencement of field activities. The RIR will summarize the findings of the field activities and compare the analytical results to appropriate state and federal standards and guidelines. The report will include conclusions and, if necessary, recommendations for additional sampling and/or remediation. The RAWP will present a protocol for the remediation of the contamination reported in the RIR.

Please contact me at (646) 459-3527 with any comments or questions.

Sincerely,
AKRF, Inc.

Marcus Simons
Vice President

cc: Vincent Allegretti - Bayside
John Ferrante/Robert Pascucci – Gowanus Canal Joint Venture LLC
David Freeman/Jeremiah H. Candreva.- Paul Hastings
Marcus Simons/Julie Foley/Bob White - AKRF

QUADRANGLE

SCALE IN FEET

0' 1000' 2000' 4000'

SCALE: 1"=2000'

N

SOURCE:

USGS TOPOGRAPHIC MAP - BROOKYLN, N.Y.
QUADRANGLE - DATED 1966, PHOTOREVISED 1979

BAYSIDE FUEL OIL
Brooklyn, New York

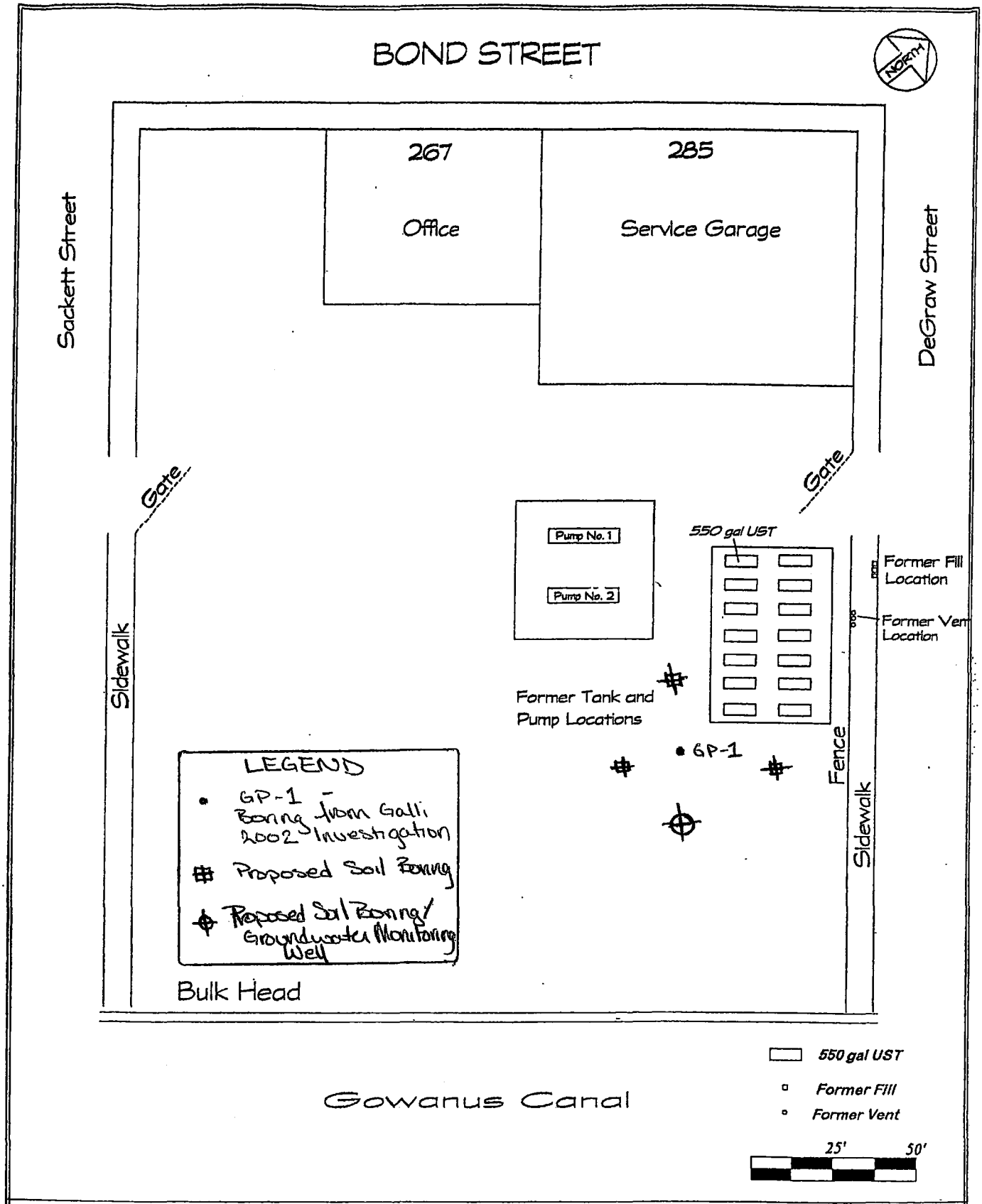
PROJECT SITE LOCATION

AKRF

Environmental Consultants
116 East 27th Street, New York, N.Y. 10016

DATE 01.13.04
PROJECT No. 10442
FIGURE No. 1

2004 AKRF, Inc. Environmental Consultants M:\AKRF Project Files\10442-0001 F1_site location plan.pub



Bayside Fuel Corp.
Bond Street Terminal
Brooklyn, New York

FIGURE 2
SITE MAP
Spill # 98-10785

Prepared by:
Andrew Tuomey
A Cleaner Environment
116 Second Street
S. Jamesport NY 11970-0277

APPENDIX D
SANBORN MAPS

Environmental Data Resources, Inc.

"Linking Technology with Tradition"

Sanborn® Map Report

Ship to: Bill Conroy
Galli Engineering PC
734 Walt Whitman Road
Melville, NY 11747

1012236MAS 516-271-9292

Order Date: 10/28/2002 **Completion Date:** 10/28/2002
Inquiry #: 871320.4S
P.O. #: Gowanus Canal
Site Name: Gowanus Canal
Address: 510 Sackett Street
City/State: Brooklyn, NY 11217
Cross Streets:

Based on client-supplied information, fire insurance maps for the following years were identified

1886 - 1- map	1980 - 1 - map	1993 - 1 - map
1904 - 1 - map	1981 - 1 - map	1995 - 1 - map
1915 - 1 - map	1982 - 1 - map	1996 - 1 - map
1939 - 1 - map	1986 - 1 - map	
1950 - 1 - map	1987 - 1 - map	
1969 - 1 - map	1988 - 1 - map	
1977 - 1 - map	1991 - 1 - map	
1979 - 1 - map	1992 - 1 - map	

Total Maps: 19

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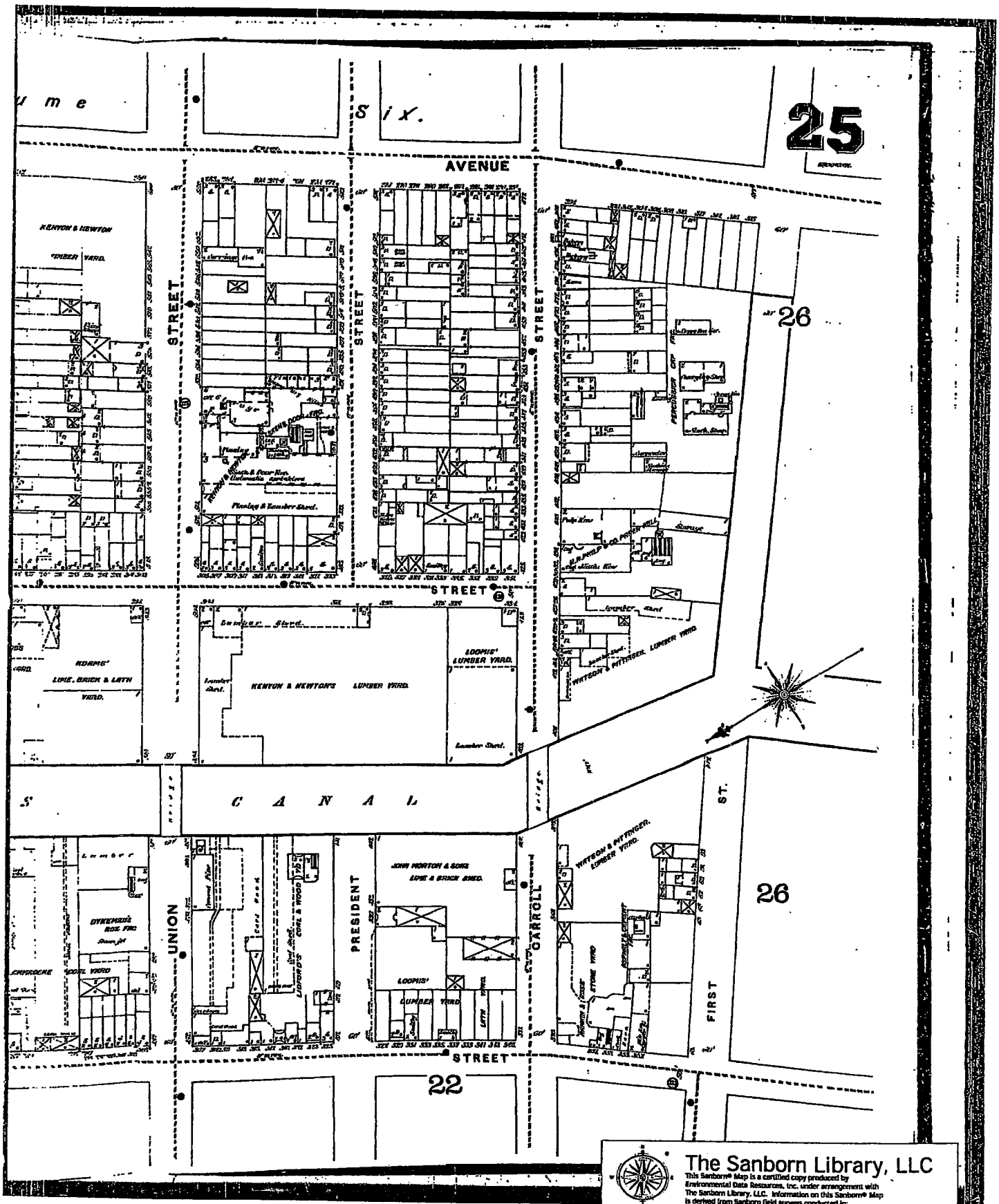

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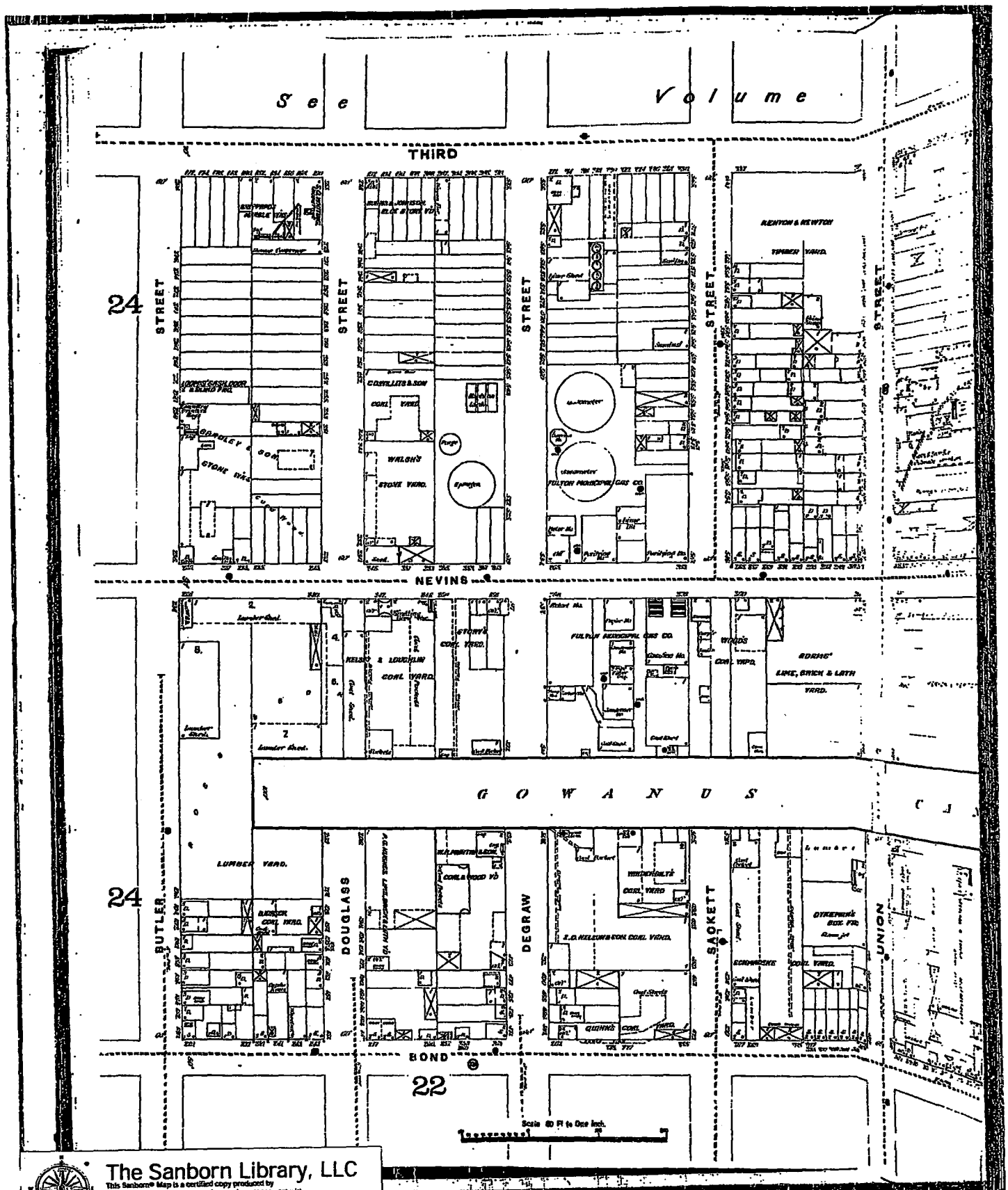

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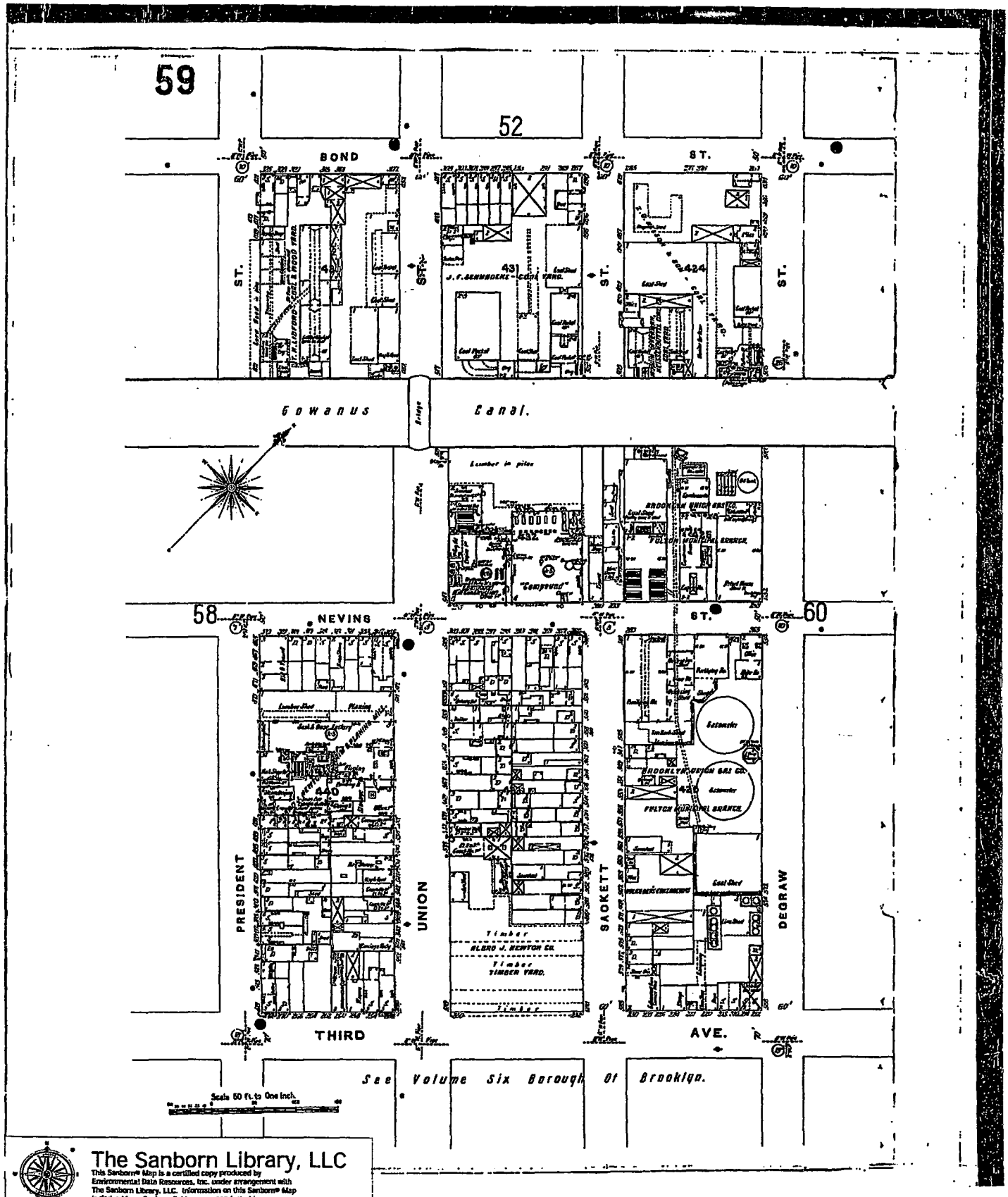

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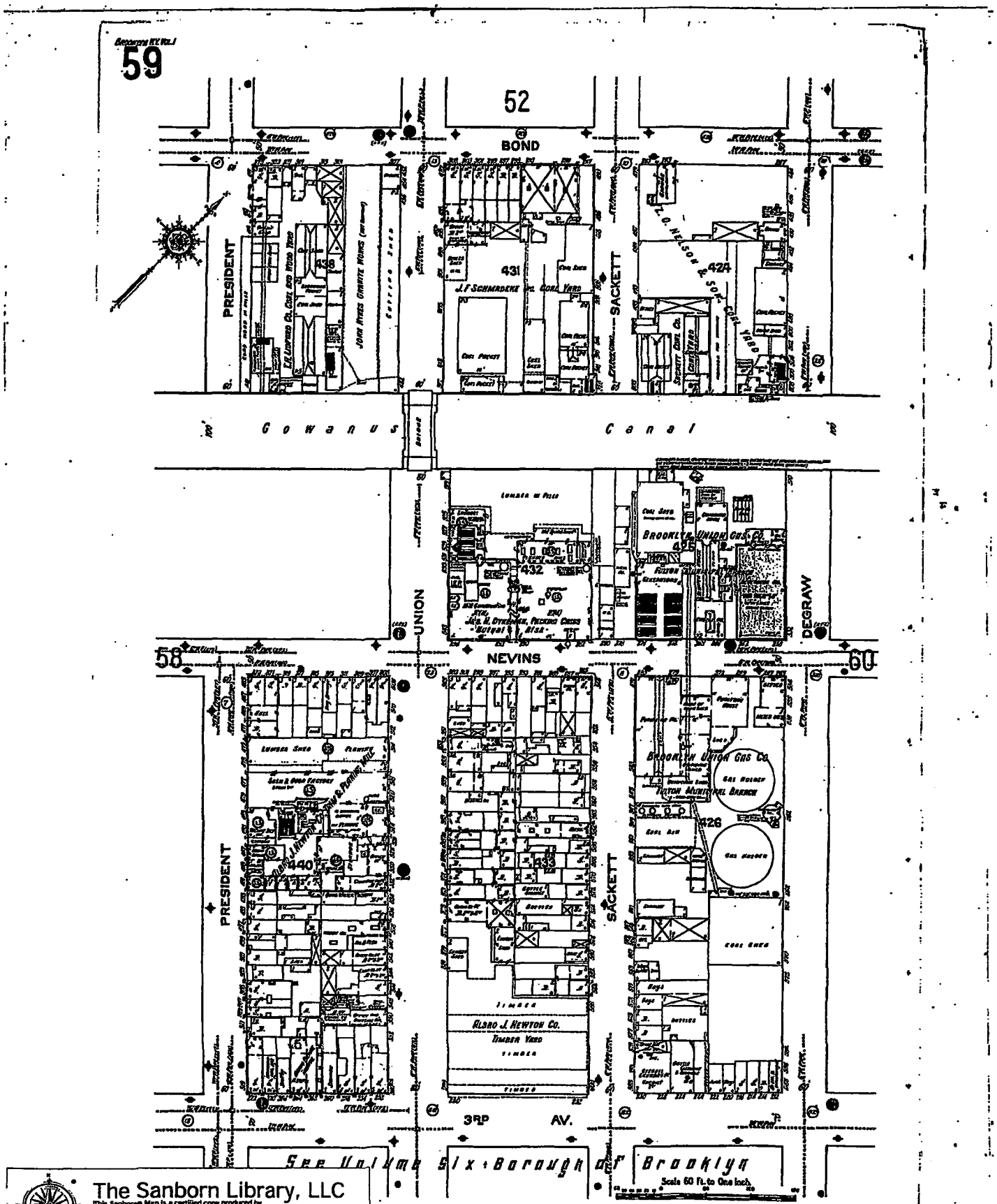

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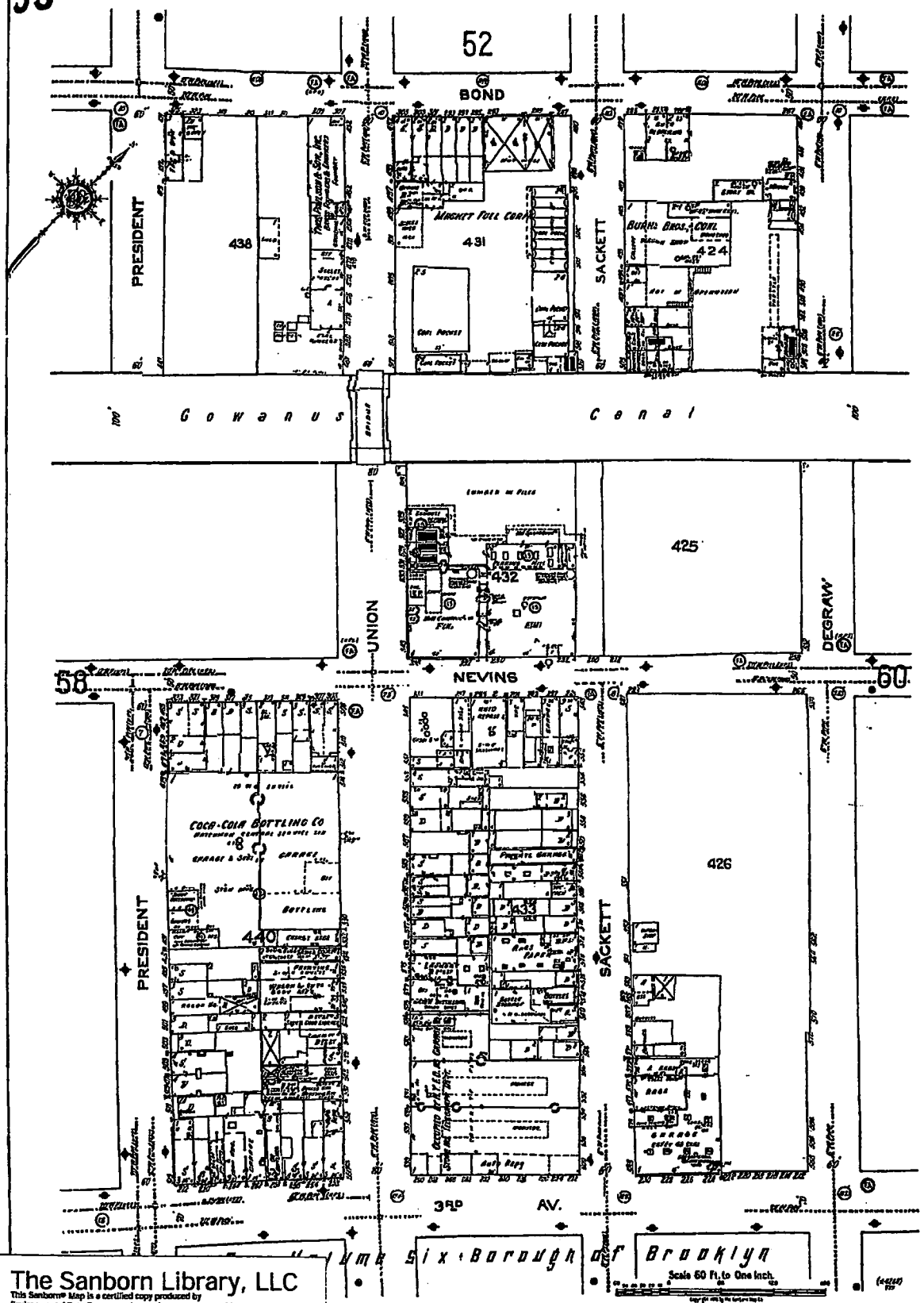

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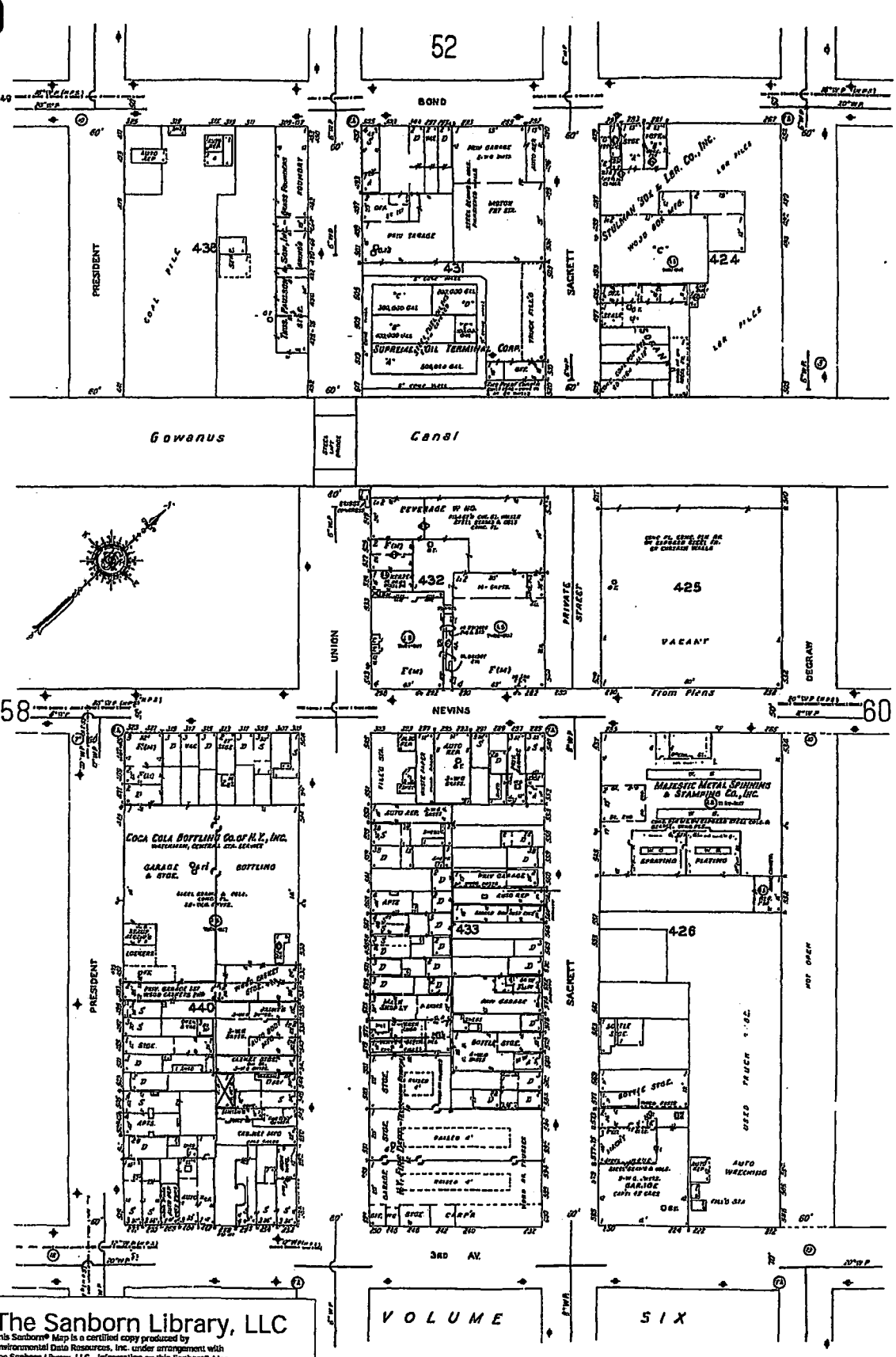
"R"
OCT. 1949



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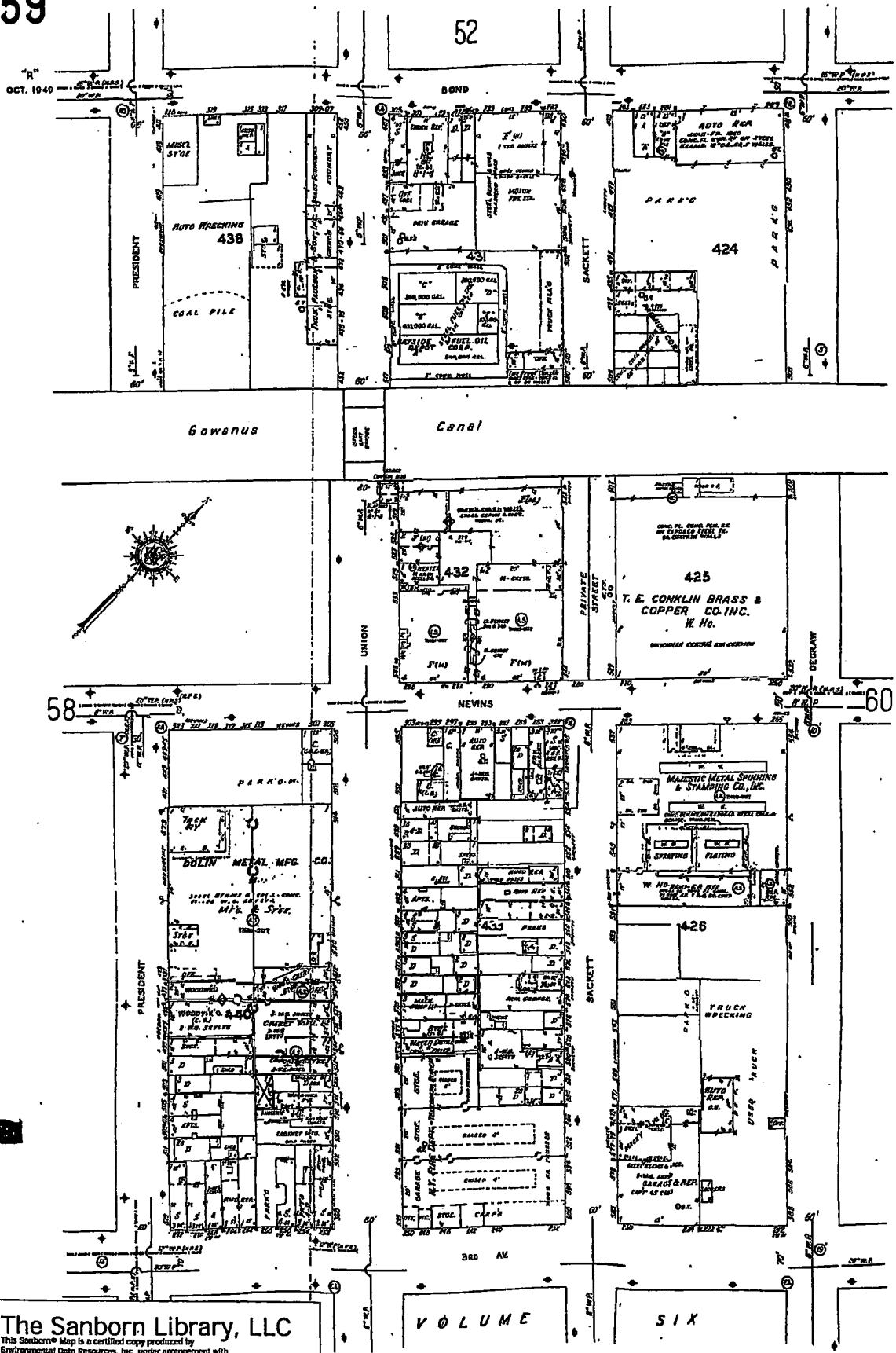
(PART 2)
BROOKLYN, N.Y. VOL. 1

59



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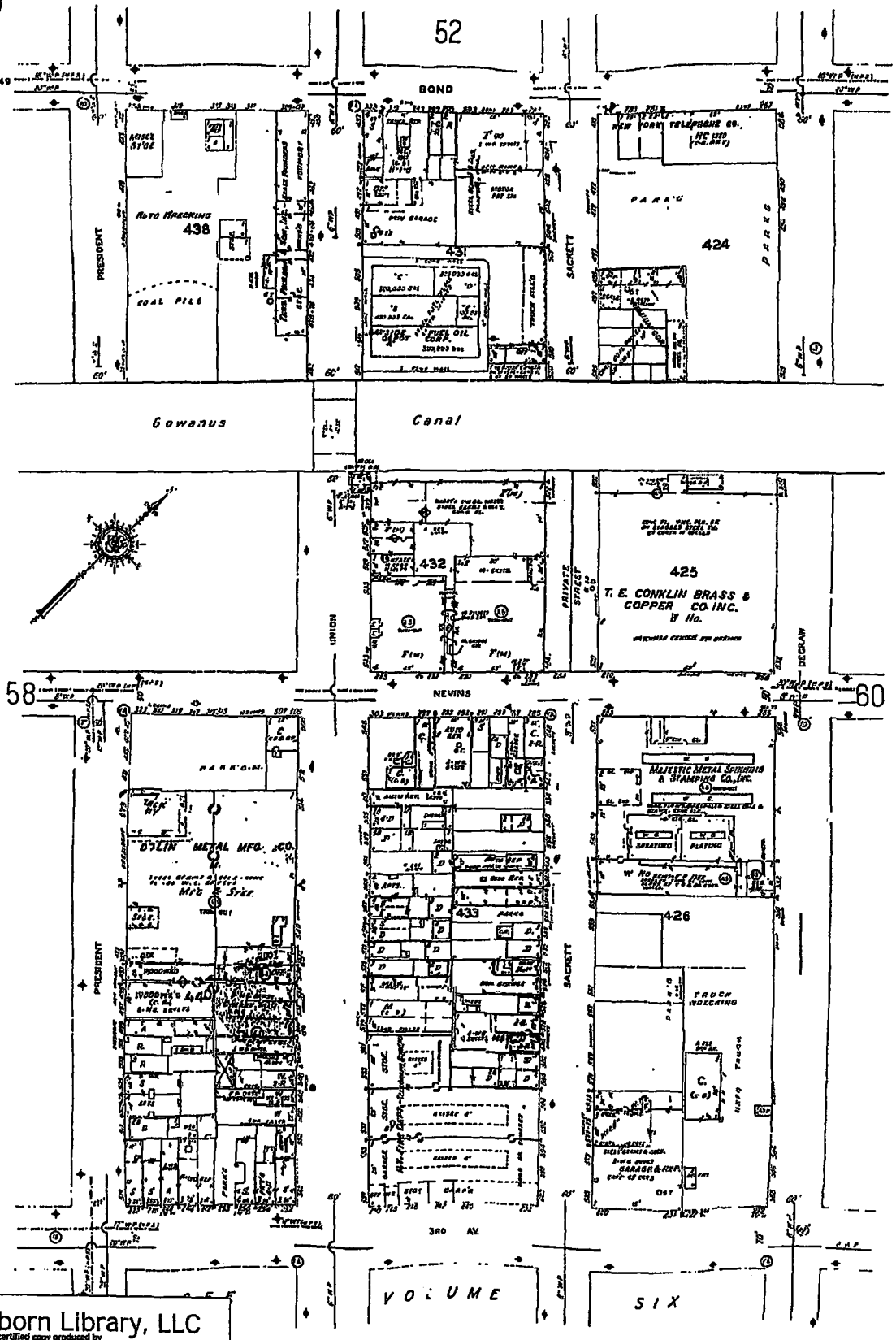

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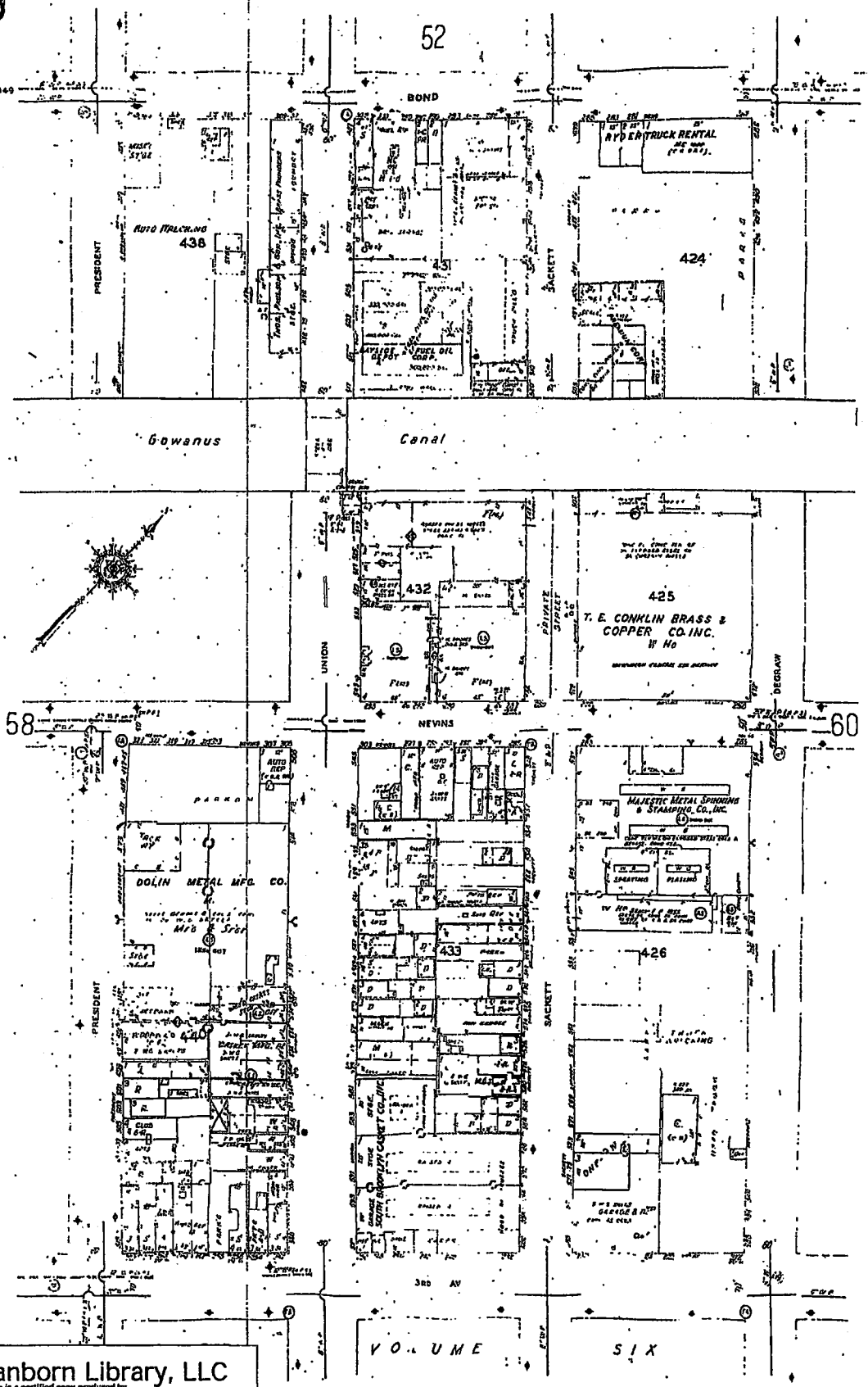

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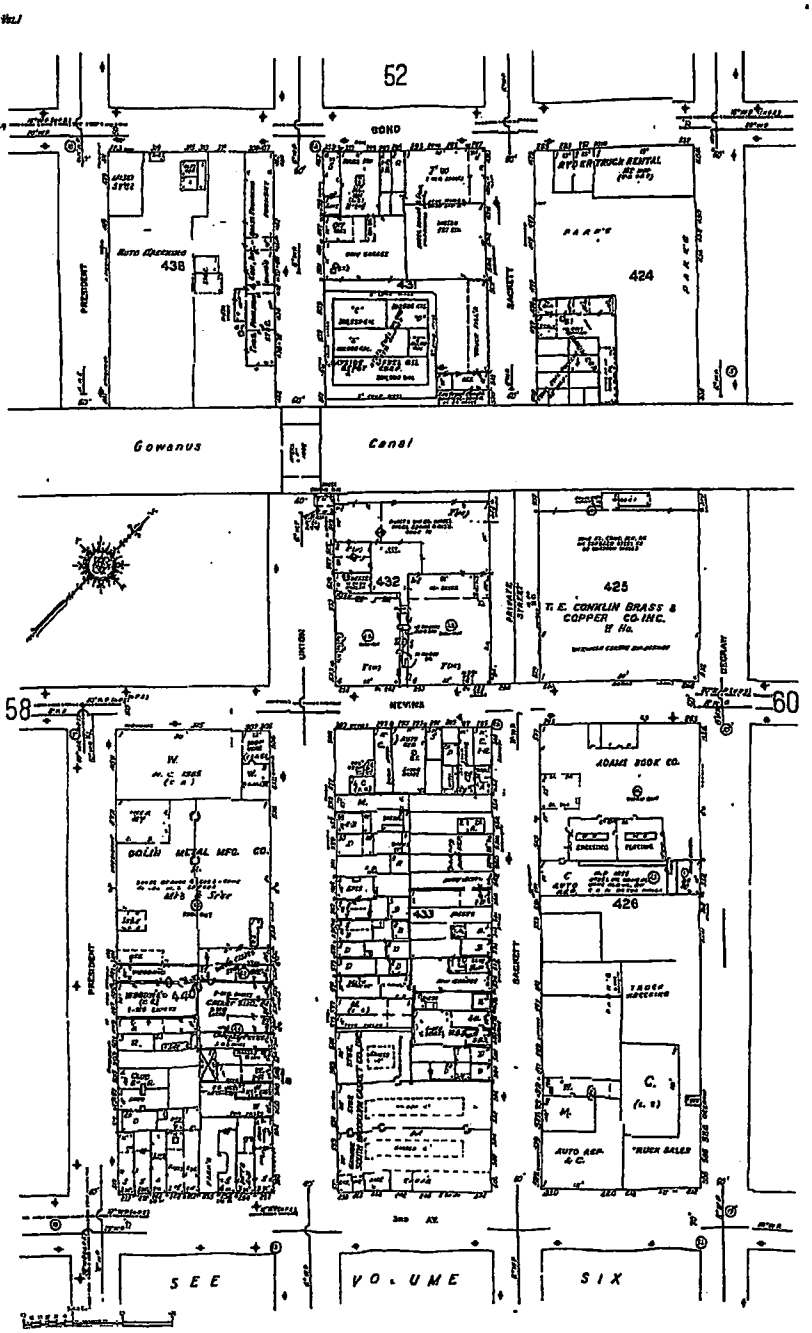

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Year EDR Research Associate

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APPENDIX E

AKRF RESUMES

ANDREW D. RUDKO, PH.D.

SENIOR VICE PRESIDENT

Andrew D. Rudko, Ph.D., is a senior vice president of AKRF, with more than 25 years of experience in environmental analysis and management, with particular emphasis on hazardous materials, environmental site assessments and audits, and soil and groundwater remediation. Dr. Rudko's current and recent experience includes management of several projects involving Voluntary Cleanup Agreements for assessment and remediation of soil and groundwater contamination problems on major development sites. He directed Phase I environmental assessments for several major commercial properties in the New York City area, including the AT&T building, the Plaza Hotel, One Seaport Plaza, New York Plaza, the former General Electric building, the site of the proposed Trump Riverside South development, and many others.

In addition, he also directed Phase I environmental assessments of **several major medical facilities** in connection with new financing through bonds issued by the New York State Medical Care Facilities Finance Agency. Facilities include Presbyterian Hospital, Mt. Sinai Medical Center, St. Lukes/Roosevelt Hospital Center, Brooklyn Hospital, and Syosset Hospital.

Dr. Rudko has managed cleanups of many **petroleum spills on sites in New York City**. Some recent spill cleanup sites include the Tribeca Hotel site developed by Hartz Mountain Industries in Lower Manhattan, retail sites in Maspeth and Long Island City developed by Forest City Ratner Companies, a site in the Bronx developed by Triangle Equities for the Department of Motor Vehicles, the Rivergate Apartments on East 34th Street in Manhattan, the Tate apartment building on West 23rd Street in Manhattan, and a residential development on Sixth Avenue and 26th Street in Manhattan.

He has been responsible for assessing **impacts on public health** for a number of projects involving the use of hazardous chemicals, biohazards, and radioactive materials. These projects include an engineering and physics research center on the campus of Columbia University, a new laboratory building for biomedical research at Rockefeller University, a new research center for Memorial Sloan Kettering Medical Center and the Audubon Research Park in upper Manhattan.

Dr. Rudko's experience includes several projects involving **the environmental impacts of solid waste disposal facilities**. He designed and managed a testing program to determine whether toxic pollutants were being emitted into the atmosphere from the 2,900-acre Fresh Kills Landfill on Staten Island. He also participated in studies of the environmental impacts of various proposals to dispose of New York City sewage sludge, and of several proposed resource recovery facilities.

Previously, Dr. Rudko was a senior environmental scientist at Parsons Brinckerhoff Quade and Douglas, Inc. He was responsible for environmental analyses for a variety of development, transportation, and solid waste disposal projects throughout the country. These included projects in New York, New Jersey, Maryland, Virginia, Washington, D.C., and Florida.

BACKGROUND

Education

B.S., Biochemistry, Cornell University

Ph.D., Biochemistry, Columbia University

AKRF

RELEVANT EXPERIENCE

Medical Facilities

Medical Care Facilities Finance Agency (MCFFA), New York, NY
Dr. Rudko directed Phase I environmental assessments of several major medical facilities in connection with new financing through bonds issued by MCFFA. Facilities include Presbyterian Hospital, Mt. Sinai Medical Center, St. Lukes/Roosevelt Hospital Center, Brooklyn Hospital, and Syosset Hospital. The firm performed preliminary investigations, including Phase I site assessments, and Phase II assessments if necessary. The firm identified potential environmental liabilities and suggested remediation. For example, for the New York Presbyterian Hospital, AKRF identified several underground tanks remaining on the site, then designed and implemented a remediation plan. For the Syosset Hospital on Long Island, AKRF identified floor drains in basement areas that discharged into old dry wells as a potential environmental liability.

Audubon Research Park, New York, NY
Dr. Rudko directed the hazardous materials assessment for the EIS for a 5.5-acre development that includes the Mary Woodard Lasker Biomedical Research Building, which houses the Audubon Business and Technology Center, and the Russ Berrie Medical Science Pavilion. The Berrie Pavilion houses a community health facility, a comprehensive diabetes center, genetics research and a research program in pediatrics. The Irving Center will house research on cancer, genetics, and cell biology. Dr. Rudko led the analysis of medical waste disposal procedures and potential health concerns associated with chemicals used in the proposed research laboratories.

Memorial Sloan-Kettering Cancer Center (MSKCC), New York, NY
AKRF prepared a comprehensive EIS for the expansion of MSKCC, a state-of-the-art cancer treatment and research center located on the Upper East Side in Manhattan. Dr. Rudko directed the hazardous materials study, which included analyses of radioactive and toxic materials used in the cancer research and treatment facility

Mount Sinai School of Medicine, New York, NY
Dr. Rudko directed a hazardous materials assessment in connection with the EIS for a multi-use building for the Mount Sinai School of Medicine. The site, formerly used for parking, is on the east side of Madison Avenue between 98th and 99th Streets opposite the main portion of the Mount Sinai Medical Center. The 740,000-gross-square-foot structure will contain research labs, clinical labs, psychiatric care beds, administrative offices, an auditorium, a seminar room, a cafeteria, faculty offices, a vivarium, and approximately 300 accessory parking spaces.

Columbia University Center for Engineering and Physical Science Research, New York, NY
Dr. Rudko directed the preparation of an EIS for Columbia University's Center for Engineering and Physical Science Research, located on the south side of 120th Street in Manhattan. The project serves as a center for university, government, and industry partnership in high-technology research. The approximately 200,000-square-foot building contains an auditorium, seminar rooms, laboratories, and offices for research activities in four general areas: telecommunications, microelectronics and electronic materials, intelligent systems and robotics, and parallel and distributed computer systems. In addition, a new central boiler facility and power plant for the campus are located in the lower level of the new building.

Rockefeller University, New York, NY

Dr. Rudko led the analysis of hazardous materials for an Environmental Assessment Statement (EAS) and supplemental studies in connection with a new laboratory building. The proposed building would include approximately chemistry and biomedical research laboratories, an auditorium, office and meeting space, underground parking for approximately 180 cars, a glass wash facility, and truck loading and receiving space.

Significant issues for environmental review included hazardous materials and air quality, including the potential effects of a spill within a laboratory on pollutant levels at adjacent buildings and receptor locations.

General Experience

Gowanus Canal, Brooklyn, NY
Dr. Rudko managed the investigation and remedial design of a former manufactured gas plant site on the Gowanus Canal in Brooklyn. The subsurface remains of three large gasholders filled with coal tar-contaminated soil and debris were cleaned up prior to development of the property.

Home Depot, New Rochelle, NY
Dr. Rudko directed the assessment and remediation work on a 14-acre parcel in New Rochelle, New York that was being developed by Home Depot USA. After extensive review and discussions with the New York State Department of Environmental Conservation (DEC), a remediation agreement was developed and approved that became the model for New York State=s Voluntary Cleanup Program. AKRF supervised the implementation of the remediation measures, which included removal of underground storage tanks and associated contaminated soil, and construction of an impermeable cap with a gas venting system for areas with lead contamination.

Home Depot, Rego Park, NY
On another retail site, serious solvent contamination was unexpectedly encountered on a property being developed in Queens, New York. Dr. Rudko managed the design and execution of a testing program, planned a remediation program that would permit development of the site, and assisted in the negotiation of a Voluntary Cleanup Agreement with DEC. Development of the property is now continuing while a groundwater remediation system designed by AKRF's Engineering division is installed as part of the building construction.

PCB-Contaminated Site, College Point, NY
Dr. Rudko directed a Voluntary Cleanup involving the delineation and removal of PCB-contaminated soil from a site in College Point. DEC issued a release letter following the successful completion of this project.

Queens West Development Project, Queens, NY
Dr. Rudko directed the site assessment work on the 90-acre site of the proposed Queens West development project being sponsored by the Empire State Development Corporation, the New York City Public Development Corporation, and the Port Authority of New York and New Jersey. This site comprises more than 10 blocks of industrial property along the East River in Queens. Former uses on the site include oil refineries, paint manufacturers, and railyards. AKRF developed and implemented extensive soil and groundwater testing programs, and developed remediation plans which have been incorporated into four separate Voluntary Cleanup Agreements.

Laundry/Dry Cleaning Plant, New York, NY
Dr. Rudko has been managing the assessment and cleanup of the only listed hazardous waste site in Manhattan, a former laundry/dry cleaning plant on Fifth Avenue in Harlem. Remediation has included the removal of contaminated building materials and operation of an innovative sub-slab vapor extraction system. Installation of this system required the development of special techniques for horizontal drilling under the floor of the building.

Jamaica Water Company, Queens, NY
For the New York City Department of Environmental Protection, Dr. Rudko directed fast-track site assessments of 17 properties acquired from the Jamaica Water Company. The assessments, all of which were completed within 2 months, included soil and groundwater testing, asbestos and lead paint surveys, and testing of buildings for mercury contamination.

School Construction Authority, Various Locations, NY

Dr. Rudko was project director for the site assessment work the firm performed for the New York City School Construction Authority, directing assessments on school sites in the Bronx, Brooklyn, and Queens. Sites included a former gas station, a truck salvage yard, and a former plastics factory. Testing programs were recommended, developed, and implemented for these sites, and remedial actions were recommended where necessary. At the former plastics factory site, the testing program included soil and groundwater sampling, testing of building floors for PCB contamination, and location and removal of old underground gasoline and oil tanks, with screening of surrounding soil for possible petroleum contamination.

Home Deport, Various Locations, NY

Dr. Rudko has been providing environmental consulting services to Home Depot, Inc. in connection with their development of major retail facilities at locations throughout the New York metropolitan area. Many of these locations are former industrial properties that have required remedial actions prior to redevelopment.

Costco, Inc., Various Locations, NY

Dr. Rudko has been providing environmental consulting services to Costco, Inc. in connection with their development of major retail facilities at locations throughout the New York metropolitan area. Many of these locations are former industrial properties that have required remedial actions prior to redevelopment.

New York Times, New York, NY

He directed Phase I and Phase II assessments for the New York Times in preparation for the development of its major new printing facility in New York City. Assessments were prepared for three alternative sites: a former railyard in the Bronx later used as an illegal landfill for demolition debris; a site in Queens comprising six industrial properties, several with multiple tenants; and a large city-owned site in Queens.

MARCUS SIMONS

VICE PRESIDENT

General Introduction

Marcus Simons is a vice president of AKRF, with more than 15 years of experience in hazardous materials analysis, management and due diligence. Mr. Simons' particular expertise is in managing the modeling, investigation and cleanup of hazardous materials at contaminated sites, including statistical development of sampling plans, and development of appropriate cost-effective cleanup approaches. Mr. Simons has prepared several human health risk assessments and exposure assessments following U.S. Environmental Protection Agency (EPA) Risk Assessment Guidance for Superfund and New York State guidance. Mr. Simons is an expert in statistical methods. Mr. Simons also has extensive experience in selection of sites for controversial facilities, economic analyses of remedial alternatives, and regulatory analysis.

Mr. Simons has managed some of the most complex cleanup sites in New York State including the cleanup of the nation's largest former dental factory in Staten Island for reuse as single family housing; the investigation of several former manufactured gas plants; and the investigation and remediation associated with the reconstruction of the west side Highway and Hudson River park in Manhattan (from the Battery to 59th Street). These projects involved extensive multi-year negotiations with federal, state and city regulatory agencies and Mr. Simons has experience with federal and state superfund programs, state brownfield and voluntary cleanup programs, spill programs and investigation/cleanup under New York SEQRA/CEQR and NYCDEP E-designation programs.

Mr. Simons manages much of the due diligence activity at AKRF, including supervising preparation of numerous Phase I and Phase II Environmental site Assessments, as well as more complex multi-site and litigation-related projects. He recently completed due diligence work related to the private acquisition of a large parcel of Con Edison property in Astoria, four manufacturing sites in Maspeth, and a former oil terminal in Flushing.

Mr. Simons also has extensive experience in the evaluation of Contaminated Materials issues for environmental assessments (EAs)and environmental impact statements (EISs) under NEPA, SEQRA and CEQR including transportation projects (Second Avenue Subway, Cross Harbor, Route 9A), large-scale rezoning projects (Long Island City, Downtown Brooklyn) and public and private redevelopment work (Times Square, School Construction Authority, Queens West)

Before joining AKRF, Mr. Simons was at Woodward Clyde Consultants (now URS) in northern New Jersey, where he was responsible for risk assessment, environmental impact analysis, and regulatory analysis for both public and private clients. His responsibilities included projects primarily located in New York and New Jersey. His risk assessment work included a study for the decommissioning and cleanup of a Canadian elemental phosphorus production facility (the first such plant in the world to be systematically decommissioned).

New Jersey Introduction

Marcus Simons is a vice president of AKRF with more than 15 years of experience in environmental analysis and management. Mr. Simons' particular expertise is in human health risk assessment related to hazardous materials at contaminated sites, statistical development of remedial investigation and feasibility study sampling plans, selection of sites for controversial facilities, economic analyses of remedial alternatives, and regulatory analysis.

Mr. Simons' experience includes management of hazardous and radioactive waste management alternatives for a new treatment, storage, and disposal facility at Rutgers University, New Jersey. This project included supervision of analysis, preparation of reports, and presentation of materials to both the university committee and the local community at public meetings. Mr. Simons was also responsible for development of site-specific cleanup levels at

several New Jersey former manufactured-gas facilities; preparation of post-remediation financial liability estimates for a Potentially Responsible Party-group at a highly contaminated Superfund landfill in New Jersey; and estimation of transportation risks involved in road, rail, and barge shipments of hazardous waste as part of a cost/benefit analysis for a New Jersey public utility deciding where to locate thermal desorption plants for treating hydrocarbon-contaminated soils from multiple former manufactured-gas plant sites.

In addition to analytical work, Mr. Simons has considerable experience in presenting results to a broad range of audiences, including regulatory agencies and the general public. He has prepared and presented testimony to the New Jersey Department of Environmental Protection (NJDEP) concerning proposed New Jersey risk-based cleanup standards on behalf of a large public utility. Mr. Simons is an expert in statistical methods.

Before joining AKRF, Mr. Simons was at Woodward Clyde Consultants (now URS) in Wayne, New Jersey, where he was responsible for risk assessment, environmental impact analysis, and regulatory analysis for both public and private clients. His responsibilities included projects primarily located in New York and New Jersey.

BACKGROUND

Education

M.A. and B.A. (Honors), Engineering/Management Science, Cambridge University, England

M.S., Engineering and Public Policy, Carnegie-Mellon University

RELEVANT EXPERIENCE

MTA New York City Transit Manhattan East Side Transit Alternative (MESA)/Second Avenue Subway, New York, NY

Mr. Simons directed the contaminated material assessment for this multi-billion dollar transit initiative that would provide subway service to Manhattan's East Side. The assessment identified several hundred facilities along the alignment that could have impacted soil and/or groundwater and could require special materials handling and enhanced health and safety procedures. Additional evaluation of these sites is underway.

Ferry Point Park, Bronx, NY

Mr. Simons developed the material acceptance criteria (soil standards for capping materials) for the development of Ferry Point Park (including a golf course) in the Bronx. The New York City Department of Environmental Protection DEP and the New York State Departments of Health (DOH) and Environmental Conservation (DEC) agreed for the first time to relax their strict (TAGM 4046) criteria for clean soil, based on statistical analyses of background conditions and risk-based modeling.

Prince's Point, Staten Island, NY

Mr. Simons managed the complex cleanup (including the relocation of a contaminated tidal creek) of the nation's largest former dental factory site on Staten Island's waterfront. The site was on the State Superfund list. The future use of the site as single-family residential property entailed extensive negotiations with DEC and DOH.

Flushing Land Parcel Investigation, Queens, NY

Mr. Simons managed the investigation of a large parcel of former utility property on the Flushing River which is PCB-contaminated from former transformer repair facilities. The site is in the State Voluntary Cleanup Program. Approval of a cleanup plan for the future use as a large shopping center with residential towers has entailed extensive negotiations with NYS DEC and DOH.

Route 9A Reconstruction Project/Hudson River Park, New York, NY

For the Route 9A Reconstruction Project (Manhattan's west side waterfront highway below 59th Street), Mr. Simons managed the extensive hazardous materials investigations and prepared the contract specifications for contaminated soil and tank removal, including Health and Safety oversight.

Mr. Simons is managing hazardous materials issues for the ongoing Hudson River Park construction, located adjacent to the Route 9A roadway. Construction is ongoing and Mr. Simons directs health and safety oversight and remediation during construction.

Outlet City, Long Island City, Queens, NY

In Long Island City, Mr. Simons is managing the investigation and remediation of an old factory complex where large volumes of creosote were spilled. The investigations and interim remedial measures (IRMs) are taking place under the state's Voluntary Cleanup Program (VCP).

Long Island City Rezoning, Queens, NY

As part of the preparation of an Environmental Impact Statement for NYC Department of City Planning, Mr. Simons managed the hazardous materials assessment of a multi-block industrial area. In addition to conducting the assessment Mr. Simons made recommendation as to the properties where "E-Designations" (city-recorded institutional controls on future development) should be placed.

MTA/LIRR East Side Access Project, New York, NY

Mr. Simons managed the hazardous materials investigations for multiple sites in the Bronx, Manhattan, and Queens associated with the Environmental Impact Statement (EIS) for the Long Island Rail Road connection to Grand Central Terminal.

Pelham Plaza Shopping Center, Pelham Manor, Bronx, NY

Mr. Simons is responsible for the investigation of a former Con Edison manufactured gas facility on the Hutchinson River on the border between Westchester County and the Bronx. He is overseeing the complex investigation of the existing shopping center at the site, and has proposed a remediation approach to allow the expansion of the shopping center.

New York City Department of Transportation, Lead Paint Removal and Disposal on Bridges Project, New York, NY

Mr. Simons conducted a regulatory analysis of related to the removal of lead paint from nearly 800 bridges. This analysis included an evaluation of the regulatory compliance of various proposed procedures with federal and state hazardous and solid waste management requirements.

American Felt and Filter Company, New Windsor, NY

Mr. Simons prepared a Remedial Investigation (including exposure assessment) and Feasibility Study for the country's oldest active felt manufacturing facility, located in Orange County. This solvent-contaminated site is on the State Superfund List.

Yonkers Waterfront Revitalization Project, Yonkers, NY

Mr. Simons prepared an exposure assessment for the multi-use Yonkers Waterfront Redevelopment project, which is being funded through the State's Brownfields initiative.

RICHARD A. GARDINEER, P.E.

TECHNICAL DIRECTOR

Richard A. Gardineer, P.E., is a technical director who specializes in the assessment and remediation of hazardous and non-hazardous waste facilities. Phase I and Phase II Environmental Assessments, Brownfield site investigations/remediations, landfill closures, and waste classification/handling are Mr. Gardineer's primary areas of responsibility at AKRF. He conducts environmental assessments and investigations that include analyses of waste material, soil, groundwater, surface water, sub-surface soil gas, and indoor air. These investigations typically involve communication with federal, state, and city agencies, including the New York State Department of Conservation (NYSDEC), New York State Department of Health (NYSDOH), the U.S. Environmental Protection Agency (USEPA), the New York City Department of Environmental Protection (NYCDEP), and the New York City Department of Health (NYCDOH).

Prior to joining AKRF, Mr. Gardineer worked as a regulator in the three solid and hazardous waste management programs of NYSDEC for more than 25 years. Mr. Gardineer worked in Region 3 (Lower Hudson Valley) for 16 years as a program supervisor regulating landfills, construction and demolition debris disposal sites, and RCRA C hazardous waste facilities; he also investigated inactive hazardous waste disposal sites under the State Superfund. Mr. Gardineer then served as the Regional Remediation Engineer in the Region 2 New York City Office for 9 years. Mr. Gardineer managed the Environmental Remediation Program, which regulated the investigation and cleanup of hazardous waste, hazardous substances, and petroleum contaminated sites. During Mr. Gardineer's tenure in Region 2, five of the New York City's largest landfills were investigated and/or closed through the State Superfund Grant Program, the Brownfields Program (Voluntary Cleanup) was initiated in New York City, and numerous petroleum contaminated sites were investigated and cleaned up. Throughout his career, Mr. Gardineer has testified as a witness for New York State in a number of legal actions to close illegal landfills, to remediate hazardous waste sites, and to recover funds under the State Superfund.

BACKGROUND

Education

Bachelor of Engineering in Civil Engineering, New York University, 1970

Master of Science in Civil Engineering, New York University, 1973

Professional Certifications

Professional Engineer, licensed in New York State

Years of Experience

Year started in company: 2005

Year started in industry: 1977

RELEVANT EXPERIENCE

Closure of New York City Landfills Under EQBA, Various Locations, NY

Mr. Gardineer and his staff regulated the closure of the Brookfield Avenue, Edgemere, and Pelham Bay Landfills under the Environmental Quality Bond Act of 1986. Activities for each of these inactive hazardous waste landfills included the negotiation/monitoring of the State Assistance Contract, the review/ approval of the Remedial

Investigation Work Plan and Report, the review/approval of the proposed remedy, the preparation of the Proposed Remedial Action Work Plan and the Record of Decision, the preparation of Fact Sheets, the review/approval of the Remedial contract., the review/approval of the Operation and Maintenance Plan, and the participation at public meetings involving the landfill.

New York City School Construction Authority (SCA), Long Island City, NY

Mr. Gardineer's primary duty as a consultant to the SCA was to determine the suitability of potential sites for use as public schools. His activities included reviewing/revising Phase I Environmental Site Assessments, proposed Phase II Scopes of Work, Phase II Environmental Site Assessments, Brownfields Remedial Investigative Work Plans, Indoor Air Quality Studies, remedial contact specifications, and waste disposal plans. Consultation was provided to the SCA regarding specific measures necessary to make each site suitable for use as a school.

Brownfields Program (Voluntary Cleanup), Various Locations, NY

Mr. Gardineer and his staff reviewed plans to clean up and reuse numerous sites in New York City under the Voluntary Cleanup Program. Notable sites included St. George Ballpark in Staten Island (NY Yankee Class A team), the Pfizer Pharmaceutical site in Brooklyn, Queens West Development, Home Depot in Rego Park, Queens, Outlet City in Queens, Sports Authority in Queens, Nassau Metals on Staten Island, and Visy Paper in Staten Island. Mr. Gardineer made a presentation on the Visy Paper site at the Brownfields 2000 Conference in Atlantic City. Activities included the negotiation of the BCP agreement, the review/approval of the Remedial Investigation Work Plan and report, the review/approval of the Remedial Action plan, the review and issuance of Fact Sheets, the recommendation of institutional controls, the review/approval of the Operation and Maintenance Plan, and participation in public meetings.

Inactive Hazardous Waste Disposal Sites (State Superfund Program), Various Locations, NY

Mr. Gardineer supervised the investigation and cleanup of inactive hazardous waste (Superfund) sites in New York City. Activities included supervising and/or participating in environmental sampling efforts at suspected sites, negotiation of Consent Orders, scoping and review of Phase I and Phase II Site Investigations, negotiation and review of Remedial Investigations and Feasibility Studies, preparation of Proposed Remedial Action Plans (PRAPs) and Records of Decision, preparation of Fact Sheets, communications with public officials and participation at public meetings. Notable sites handled in this program included Amtrak Sunnyside yard in Queens, Phelps Dodge in Queens, Arden Woods in Staten Island, Princes Bay in Staten Island, Standard Motor Products in Queens, and the Arthur Kill Generating Station in Staten Island.

Landfill Closure Region 3, Various Locations, NY

Mr. Gardineer managed staff activities leading to the orderly closure of non-complying landfills, construction and demolition debris disposal sites, and other solid waste management facilities in the Lower Hudson Valley (NYSDEC Region 3). Activities included landfill inspections, taking environmental samples (leachate, groundwater, and soil gas), negotiating Consent Orders, and review of closure plans. Mr. Gardineer participated in negotiations with Towns in Dutchess and Ulster Counties to allow for the orderly closure of non-complying landfills in concert with the implementation of the each County's Solid Waste Management Plans. Notable landfills closed during Mr. Gardineer's tenure in Region 3 included landfills operated by the Towns of Clarkstown, Ramapo, and Haverstraw in Rockland County, the Orange County Landfill, and portions of the Al Turi Landfill in Orange County.

Construction and Demolition Debris Disposal Sites, Various Locations, NY

Mr. Gardineer supervised staff in the investigation and closure of numerous non-complying construction and demolition debris disposal sites in the Lower Hudson Valley. Activities included site inspections, the taking of environmental samples (waste material, leachate, groundwater, soil gas), participation in enforcement action, review of closure plans, and supervision of landfill capping.

Solid Waste Management Plans

Mr. Gardineer supervised staff and participated in activities involving the review/approval of Solid Waste Management Plans submitted by six of the seven counties in Region 3. Activities included pre-submission meetings with the counties, scoping the plans, review/approval of the plans, and participation at public meetings.

Part 360 Solid Waste Management Applications

Mr. Gardineer supervised staff and participated in activities involving sanitary landfills, ashfills, construction and demolition debris landfills, resource recovery facilities, transfer stations and composting facility applications for sites in the Lower Hudson River Valley. Mr. Gardineer supervised his staff in the technical review of the applications, participation at permit hearings, preparation of permit conditions, and review of construction certification. Mr. Gardineer has expertise in NYCRR Part 360 (Solid Waste Management Facilities), Part 617 (State Environmental Quality Review Act), and Part 621 (Uniform procedures Act). Notable projects included the Al Turi Landfill, the Orange County Landfill, the Ramapo Landfill, the Westchester County (Sprout Brook) Ashfill (expansion), the Westchester County material Recovery Facility, and the Dutchess County Resource Recovery Facility.

Expert Witness

Mr. Gardineer testified as an expert and fact witness at NYSDEC permit and enforcement hearings, civil litigation in State and Federal Court, Superfund cost recovery cases, and criminal trials. Notable civil litigation cases included the *State of New York v. Town of Ramapo*, *State of New York v. Dow Chemical*, *State of New York v. Frank Sacco* (Tuxedo C+D site), *State of New York v. Thomas Prisco*, and the *State of New York v. Town of Haverstraw.*

JESSICA E. LEBER

ENVIRONMENTAL SCIENTIST

Ms. Leber is an environmental scientist with about one year of professional environmental consulting experience. Her range of experience includes completing environmental site assessments, subsurface investigations, hazardous materials impact studies, and preparing sampling protocols and health and safety plans. Ms. Leber's fieldwork experience includes soil boring installation and sampling, groundwater monitoring well installation and sampling, test pit oversight, and air monitoring.

Prior to joining AKRF, Ms. Leber graduated cum laude from Columbia University with a degree in Environmental Chemistry. She has past experience working in organic and environmental chemistry research laboratories at Columbia University and Stony Brook University. Prior to her graduation, she completed an internship at a small environmental consulting firm in Nassau County.

BACKGROUND

Education

B.A., Environmental Chemistry, Columbia University

Certifications

40 Hour Hazardous Waste Operations Site Worker

New York State-Licensed Asbestos Inspector

RELEVANT EXPERIENCE

Atlantic Yards Arena, Brooklyn, NY

As part of the New York City CEQR process, Ms. Leber served on a team of Hazmat staff conducting Phase I Environmental Site Assessments in accordance with ASTM E-1527-00 related to the potential development of eight city blocks for the Atlantic Yards Arena. Ms. Leber coordinated with clients, property owners, and tenants to conduct the site inspections, historical research, regulatory records review, and preparation of the Phase I report.

Flushing, Queens, NY

Ms. Leber is serving on a team conducting an investigation and remediation of a large PCB-contaminated former utility property in Flushing, Queens. She has completed field work for several hundred soil boring installations in the contaminant delineation phase of the project and has aided in preparing documents for the site's transfer from the State Voluntary Cleanup Program to the State Brownfield Cleanup Program.

Queens West, Long Island City, NY

Ms. Leber conducted field work for a supplemental remedial investigation at this former Blau Gas manufacturing facility on a portion of the Queens West Development site in Long Island City. The work is being conducted as part of a Voluntary Cleanup Agreement with the NYSDEC. Field work activities have included soil boring installation, test pit oversight, and monitoring well installation and sampling. Ms. Leber will analyze the laboratory analytical data and aid in preparing a report of the findings of the investigation.

AKRF

West - Chambers Street, New York, NY

Ms. Leber completed a subsurface investigation for this property currently in the CEQR process to allow residential and commercial development at the site. Ms. Leber's work included the installation and sampling of soil borings and groundwater monitoring wells, analysis of analytical laboratory data, and preparation of an investigation report. Based on the findings of this study, Ms. Leber prepared a Remedial Action Plan and Construction Phase Health and Safety Plan currently pending approval by the New York City Department of Environmental Protection.

APPENDIX F

ELECTRONIC COPY OF REMEDIAL INVESTIGATION WORK PLAN

APPENDIX G

KEYSPAN CORPORATION – GOWANUS CANAL SURFACE WATER AND SEDIMENT SAMPLING PROGRAM

KeySpan Corporation
Environmental Asset Management
One Metrotech Center
Brooklyn, NY 11201

June 8, 2005

Joseph M. Moloughney, P.E.
Environmental Engineer
New York State Department of Environmental Conservation
MGP Remedial Section, Division of Environmental Remediation
Bureau of Western Remedial Action, 11th Floor
Albany, New York 12233-7017

RECEIVED
JUN 09 2005
Remedial Bureau C
Division of Environmental Remediation

Re: Carroll Gardens/Public Place Site
Former Citizens Gas Works Manufactured Gas Plant (MGP) Site
Site No. V00360-2
Gowanus Canal Sediment Sampling Work Plan

Dear Mr. Moloughney:

This letter presents the work plan for sediment sampling within the Gowanus Canal in association with the on-going characterization of the Carroll Gardens/Public Place site [Former Citizens Gas Works MGP site]. This work plan was prepared in response to requests made by the New York State Department of Environmental Conservation (NYSDEC) in their March 8, 2004 letter providing comment on the Draft Remedial Investigation (RI) Report dated December 23, 2003 for the Carroll Gardens/Public Place site; the February 4, 2005 NYSDEC letter to KeySpan Corporation (KeySpan) to investigate the Gowanus Canal adjacent to the Carroll Gardens/Public Place site; and discussions between KeySpan and the NYSDEC to investigate potential contributions from other KeySpan MGP sites as well as other industrial sites that may have impacted sediments within the Canal. These requests are provided below.

- March 8, 2004 NYSDEC comment letter to the draft RI report:

  "Sediment coring is appropriate within the Gowanus Canal. The goal of this sampling will not be to define the extent of impacts within the canal, but to identify site-related "hot spots." The Department is aware of the U.S. Army Corps of Engineers (USACE) plans to environmentally dredge the canal and does not currently expect KeySpan to conduct remedial dredging in the canal. The identification of sediment "hot spots" as part of the RI will be used by the Department to evaluate the potential migration pathways of NAPL from the site into the canal. KeySpan should identify the sediment cores recently collected by the USACE and use them for comparison with the additional cores to be collected."

- February 4, 2005 NYSDEC letter to KeySpan:

  "The Gowanus Canal investigation is to be designed in accordance with the most recent comments received from the Department; specifically the investigation must identify potential coal tar migration pathways from the site through the floor of the canal and laterally beneath the canal. To accomplish this, sediment cores must be collected along several transects of the canal with multiple cores collected from each transect. Additionally, the transects should include on-shore borings at each end of the transect, originating in areas where contamination has been observed near the canal on the Carroll Gardens site. This is not intended to be a full delineation of the extent of sediment impacts, but is intended to identify if subsurface discharges of coal tar from the site to the canal are ongoing."

In addition to these requests, the proposed work scope presented in this letter is based upon:

- Discussions between NYSDEC and KeySpan and decisions made by the NYSDEC during the April 7, 2004 meeting in Albany, New York. Specifically, the NYSDEC indicated that KeySpan must investigate the potential impacts from other KeySpan MGP sites located along the Gowanus Canal.

- Discussions and decisions between KeySpan and NYSDEC during the May 25-26, 2005 Brooklyn and Queens site visits. Specifically, KeySpan agreed to investigate the entire length of the Gowanus Canal.

- Review of the USACE Site Investigation Gowanus Bay and Gowanus Canal (October 2003) (USACE Investigation) sediment core information adjacent to the Carroll Gardens/Public Place site.

- Review of existing remedial investigation data.

This work plan provides a brief land use history adjacent to the Carroll Gardens/Public Place site, a summary of the USACE investigation adjacent to the site, and the Gowanus Canal sediment investigation work plan.

Background

The Gowanus Canal, built in the 1860s, was constructed in the channel of the former Gowanus Creek. The construction of the canal consisted of the channelization of Gowanus Creek and filling of the adjacent wetlands complex. The Gowanus Canal was built as a conveyance channel to facilitate industrial development of Brooklyn. Reflecting this use and the related subsequent industrial development, there are other current and former land uses that have contributed to the

contamination of the canal sediments. A historic review of land use in the site vicinity shows other uses that could have impacted the sediment quality of the canal, including a creosoting works, fertilizer manufacturing, coal yards, asphalt plants, and major oil storage facilities. In addition, the canal also received sanitary sewage and stormwater discharges for more than 100 years. These industrial land uses and discharges have likely contributed petroleum (including volatile organic compounds [VOCs] and semivolatile organic compounds [SVOCs]), heavy metals, pesticides, herbicides, and/or other chemicals to the sediments. Many of these compounds are the same as or chemically indistinguishable from compounds also associated with former MGP operations.

Because of this long history of industrial use, the Gowanus Canal is currently classified as an SD waterway, indicating that because of natural or man-made conditions, the canal cannot meet the requirements for primary and secondary contact recreation and fish propagation. Figure 1 shows the location of the Gowanus Canal, the Carroll Gardens/Public Place site, the Former Metropolitan MGP site, and the former Fulton MGP site. While the reason for conducting this work is investigating the potential impacts to the Gowanus Canal of these three sites for which KeySpan is responsible, it is clear that the investigation will also identify many of the other industrial, commercial and municipal operations that have also impacted, and may continue to be impacting, the sediments and water quality in the canal.

USACE Site Investigation Gowanus Bay and Gowanus Canal, October 2003

As requested in the February 4, 2005 NYSDEC letter, KeySpan has obtained the USACE investigation. The USACE investigation was conducted in April through May 2003. The objective of the investigation was to characterize the physical conditions of the sediments within the Gowanus Canal. Geotechnical, chemical, and biological samples were collected and analyzed to provide information regarding physical and engineering properties as well as the contaminant distribution within the sediments within the canal. The following is a summary of the findings from the USACE investigation.

- Geotechnical testing and sampling revealed that a layer of very soft, highly plastic clay extends over the entire Gowanus Bay and Canal with the exception of two locations: within and near the 6th Street Basin and to the south of the site near 20th Street. Weak hydrocarbon sheen and "decaying organic odors" were noted within some of the clay samples collected.
- Sands and silty-sands are located beneath the clay unit. Weak to strong "hydrocarbon sheens and odors" were noted within some of these materials.
- Chemical testing of canal sediments revealed concentrations of VOCs [including benzene, toluene, ethylbenzene, xylenes (BTEX)], SVOCs [including polycyclic aromatic hydrocarbons (PAHs)], priority pollutant metals, pesticides, polychlorinated biphenyls (PCBs), and total petroleum hydrocarbons within canal sediments.

- Concentrations of VOCs, SVOCs; pesticides; PCBs and priority pollutant metals were detected 1.5 to 24 feet below the floor of the Gowanus Canal. Detections of BTEX ranged from not detected to 2702.6 ppm in GC-03-24 (13 feet below MLW). Detections of PAHs ranged from 0.15 ppm in GC-03-22 (22.4 to 24 feet below MLW) to 20613.7 ppm in GC-03-21 (23 to 24.5 feet below MLW). A summary of the BTEX and PAHs concentrations within Gowanus Canal sediments is summarized on Plate 1.
- Bacteriological testing revealed elevated concentrations of bacteria within sediment samples throughout the canal.

The USACE findings were based upon a limited subset of sediment data. Analytical sample information from GC-03-15, GC-03-16, and GC-03-19, which were located adjacent to the Carroll Gardens/Public Place site within the canal and the 6th and 7th Street Basins, were not available because of sample breakage and improper preservation temperatures.

The USACE report recommended the assessment of the nature and extent of impacted sediments, an evaluation of restoration measures to mitigate impacted sediments, and preparation of remedial action plan that would include the decontamination, disposal and re-use of canal sediments. The USACE also recommended the completion of additional investigations to evaluate the nature and extent of bacteriological contamination and the completion of an updated bathymetric survey within the Gowanus Canal and Gowanus Bay.

Gowanus Canal Sediment Sampling Objectives

As stated in the February 4, 2005 NYSDEC letter to KeySpan, the March 8, 2004 comment letter, and in discussions between the NYSDEC and KeySpan, the purpose of the Gowanus Canal sediment sampling is to identify potential coal tar (dense non-aqueous phase liquid [DNAPL]) migration pathways from the former MGP sites through the floor of the canal and laterally beneath the canal. The objectives of the Gowanus Canal Sediment investigation include:

- Evaluate whether contaminant discharges can be observed entering the canal at and near the former MGP sites, through a physical reconnaissance of the canal extending the length of the canal, including all basins.
- Evaluate sediment quality adjacent to the former MGP sites and throughout the canal.
- Collect data confirming the USACE conclusion that the shallow clay layer is continuous beneath the canal.
- Evaluate the nature of contaminants in the Gowanus Canal surface water and sediments adjacent to the MGP sites and throughout the canal and basins.

- Compare sediment contaminant chemistry upstream, adjacent to, and downstream of the sites.
- Evaluate the origin of PAHs in sediments by utilizing chemical forensic techniques.
- Estimate the relative and approximate chronological age of the sediments at different depths and locations by utilizing sediment age dating methods.
- Evaluate the water column chemistry adjacent to, upstream, and downstream of the former MGP sites.
- Evaluate the subsurface soil conditions adjacent to the proposed sediment sample transects.

Gowanus Canal Sediment Investigation Work Plan

The Gowanus Canal sediment investigation will be completed in general accordance with the NYSDEC approved *Remedial Investigation Work Plan, Citizens Gas Works Former MGP Site* dated February 11, 2003. The sediment investigation will include the following activities:

- Bulkhead and Outfall Reconnaissance
- Bathymetry Data Collection
- Sediment Coring and Sample Collection
- Surface Water Sample Collection
- Subsurface Borings and Soil Sample Collection

Gowanus Canal Bulkhead and Outfall Reconnaissance

There are numerous current and former industrial and commercial land uses surrounding the canal that may contribute contaminants to the canal and canal sediments. To thoroughly assess the potential for on-going discharges of contaminants to the canal in the vicinity of the Carroll Gardens/Public Place site, the Metropolitan site, and the Fulton site, KeySpan proposes conducting a bulkhead and outfall reconnaissance of the canal in the vicinity of the sites and throughout the canal.

There are two objectives of the canal reconnaissance:

- To document whether tar seeps or sheens can be observed at low tide along the seawall of the canal adjacent to the former MGP sites.
- To document whether other potential on-going sources of contaminants to the canal are present in the vicinity of the former MGP sites.

KeySpan will conduct a visual reconnaissance from a boat to inspect and photo document the seawall along each side of the canal at low tide. The reconnaissance will also include an inspection of the canal basins.

During the reconnaissance, KeySpan will specifically document the occurrence of any surface drainage ditches, culverts, pipes, seepages through the seawall, or any additional observation that indicates an on-going discharge to the canal. Based upon available information, a number of combined sewer overflow and permitted discharges exists along the canal. Available information regarding these outfalls will be obtained prior to mobilization and their locations verified as part of the reconnaissance. The location and elevation of any potential discharge will be established using global positioning system (GPS) methods correlated to the site datum (National Astronomic Vertical Datum [NAVD]). In addition, the size (diameter) of any conduit, state of discharge (active or inactive), type of discharge (if active), odor, and staining will be documented. The weather conditions will also be noted at the time of the inspection to correlate any potential discharges to combined sewer outfalls and/or other drainage features located adjacent to the canal.

At each location, a sample of the discharge from the outfall will be collected. In the event that no discharge from the outfall is present, a sample of the surface water at the outfall will be collected. Each of the discharge or surface water samples will be analyzed for the following analysis:

- VOCs according to EPA Method 8260B
- SVOCs according to EPA Method 8270C
- PCBs according to EPA Method 8082A
- Pesticides according to EPA Method 8081A
- Herbicides according to EPA Method 8151A
- TAL metals according to EPA Method 6000/7000 series
- Total cyanide according to EPA Method 9012
- Nitrate/nitrite according to EPA Method 300.0
- Sulfate according to EPA Method 300.0
- Fecal Coliform

The flow rate of each outfall will be estimated and recorded. Each of the discharge or surface water samples will also be field measured for pH, specific conductance, temperature, turbidity, dissolved oxygen, and oxidation-reduction potential.

A sample of the sediment within the outfall, if present, will be collected. Each sample will be analyzed for:

- VOCs according to EPA Method 8260B
- SVOCs according to EPA Method 8270C
- PCBs according to EPA Method 8082A
- Pesticides according to EPA Method 8081A
- Herbicides according to EPA Method 8151A
- Target Analyte List (TAL) metals according to EPA Method 6000/7000 series
- Total cyanide according to EPA Method 9012
- Total organic carbon (TOC) according to EPA Method 9060
- Nitrate/nitrite according to EPA Method 300.0
- Sulfate according to EPA Method 300.0
- Fecal Coliform

In addition to these laboratory analyses, the sediment samples may be tested in the field for pH.

Bathymetry Data Collection

To evaluate the relief of the canal floor surface, KeySpan will perform a bathymetric survey of the canal and basins. Bathymetry will be obtained through a sonar survey performed by KeySpan or a subcontractor. The survey will utilize GPS equipment for location and elevation measurements and will be tied in to the NAVD datum used for the survey of on-site borings and monitoring wells. In addition, KeySpan will attempt to obtain previous bathymetric data that was collected by others within the canal.

Sediment Coring and Sample Collection

The objective of this part of the investigation is to collect sediment samples within the Gowanus Canal for chemical and physical characterization. The project team will utilize sediment cores, sediment sampling, and chemical analysis to meet this objective.

Twenty-seven transects (Transect A through AA) located perpendicular to the canal will be established for sampling. Plate 1 provides a summary of the proposed transect locations. Plates 2, 3, and 4 identify the Upper, Middle, and Lower Reaches of the Gowanus Canal and provide the sample locations along each transect and in the basins. However, the exact location may be established based on the canal reconnaissance, subsurface utilities, and the results from the bathymetric survey proposed by KeySpan as part of this work plan. Transect A will be located at the head of the canal near the flushing tunnel (Plate 2). Transect AA will be located at the terminus of the canal as it enters Gowanus Bay (Plate 4). Additional sediment samples will be collected from the canal basins as depicted on Plates 2, 3 and 4. Where practical, transects will be located to replicate the USACE borings completed along the canal and in the basins.

Each transect will include three core locations for the collection of sediment samples. One core location will be established in the middle of the canal with the other two core locations located

approximately 5 to 10 feet from the canal bulkhead. In addition, three sediment cores will be collected from the canal basins to evaluate the sediment conditions. Table 1 provides a summary of transects and associated samples identification numbers. Core locations will be surveyed using GPS equipment and referenced to the site datum for the Carroll Gardens/Public Place site.

Sediment core samples will be collected from a barge using an electric or pneumatically driven vibracore. The sediment cores will be collected in general accordance with the standard operating procedure for sediment sampling using vibratory equipment that is provided as Attachment 1. The barge will be equipped with oil absorbent boom and other spill control materials in the event that any oily residue is generated during the sampling process.

If the upper sediment is too loose for vibracore sampling, then a clamshell grab sampler will be used to collect the sediment sample.

Based upon the USACE report, the depth to the sediments ranges from 1 foot at the end of the canal to a maximum of 30.5 feet within the canal near the Gowanus Bay. The depth to the sediment water interface within the barge basins ranged from 0 feet to 5.5 feet. The United States Geological Survey (USGS) estimates sedimentation rates in the New York Harbor area range from 2 centimeters (cm) to 5 cm per year. Assuming an average constant sediment rate of 2 cm/year, with no dredging, the sediment column would be approximately 10 feet thick since 1850. To fully evaluate the profile of accumulated sediments and to assess the nature of the geologic materials beneath the sediments, KeySpan proposes that each core sample target a maximum 20-foot core length or vibracore refusal.

At each proposed core location, sediment samples will be collected and submitted for laboratory chemical and physical analysis. Upon retrieval, each vibracore will be split, logged, and screened by an organic vapor analyzer equipped with a photoionization detector (PID). The physical characteristics of the core will be noted and will include:

- Type and thickness of stratigraphic layers
- Sediment texture
- Identification of visual impacts
- Odor
- Color
- Identification of anthropogenic material

Analytical samples from each core will be collected from sediments within each core that exhibit impacts. If no impacts are observed analytical sample locations will be chosen as follows: one sample will be collected from the shallow sediments near the sediment water interface; one sample will be collected from the sediments at the interface of the sediment deposits and the native material; and one sample will be collected from the native materials at the terminus of the boring.

Eight to ten additional sediment cores will be collected for age dating analysis at the end of the sediment coring program. These duplicate cores will be located next to completed cores and will be weighted towards sediment cores with greater accumulations of sediments (i.e., longer sediment records). Upon collection, the core will be sectioned in the field, capped, and stored upright to minimize sample disturbance.

Laboratory Analysis and Age Dating of Sediment

The objective of this part of the investigation is to generate chemical characterization to establish the lateral and vertical extent, genesis, and age of contaminated sediments. To meet this objective, KeySpan will utilize standard analytical methods as well as forensic and geochronology analytical methods.

A maximum of three samples will be collected from each core and analyzed for:

- VOCs according to EPA Method 8260B
- SVOCs according to EPA Method 8270C
- PCBs according to EPA Method 8082A
- Pesticides according to EPA Method 8081A
- Herbicides according to EPA Method 8151A
- Target Analyte List (TAL) metals according to EPA Method 6000/7000 series
- Total cyanide according to EPA Method 9012
- Total organic carbon (TOC) according to EPA Method 9060
- Nitrate/nitrite according to EPA Method 300.0
- Sulfate according to EPA Method 300.0
- Fecal Coliform
- Bulk density, grain size and percent water content (ASTM Methods)

In addition to these laboratory analyses, the sediment samples may be tested in the field for pH.

Three samples exhibiting evidence of contamination will be analyzed for full toxicity characteristic leaching procedure (TCLP) analytes: metals, VOCs, SVOCs, pesticides, herbicides and disposal parameters including: paint filter test, ignitability, corrosivity, and reactivity.

Environmental forensics will be used as an aid for the determination of the source and age of the PAHs within the sediments. Three samples from each transect will be collected for forensic analysis. Samples that exhibit a range of contaminant concentration from low to high, based on PID readings and physical observations, will be collected. Chemical analysis from accumulated DNAPL tar from three landside monitoring wells will be used for comparison with hydrocarbon signatures in sediment. Forensic analysis will include high resolution hydrocarbon

fingerprinting, extended PAH profiles and biomarker fingerprints. Environmental forensic samples will be analyzed by Newfields Environmental Forensics Practice located in Rockland, Massachusetts.

Geochronology methods will be used as an aid to the determination of the age of the sediments within the Gowanus Canal. Two radiogenic parameters will be measured to determine the sedimentation rate and dated depth interval between approximately 1850 and present (about 150 years). These parameters include:

- Lead-210
- Cesium-137

These parameters are not byproducts of industrial processes along the Gowanus Canal but are used as indicators of the age of the sediment through their presence and/or absence. According to USGS information, lead (Pb)-210 decays with a half-life of 22.3 years and has a useful range of approximately 150 years before present. Cesium (Cs)-137 is a radioactive isotope that is used as a geochronology marker based on the advent of nuclear testing. Cs-137 first appeared in the atmosphere in 1952 and peaked around 1963, and has since steadily declined.

Geochronology analysis will be competed at a minimum six sediment cores. Samples will be collected at approximately in 2 cm intervals over the entire depth of the sediment core or over the core interval representative of the last 150 years, if known.

Surface Water Quality Sample Collection

The objective of this portion of the investigation is to collect surface water quality data and analytical samples to characterize the surface waters of the Gowanus Canal. Four surface water samples will be collected from each of the 27 sediment sampling transects and within the basins. The samples will be collected at two locations at different depths. In addition, surface water samples will be collected from at least three locations in the lower reach of the canal along the centerline to determine the potential discharge to the Gowanus Bay. The proposed surface water locations are shown on Plate 1. Each of the surface water sample location will be analyzed for:

- VOCs according to EPA Method 8260B
- SVOCs according to EPA Method 8270C
- PCBs according to EPA Method 8082A
- Pesticides according to EPA Method 8081A
- Herbicides according to EPA Method 8151A
- TAL metals according to EPA Method 6000/7000 series
- Total cyanide according to EPA Method 9012
- Nitrate/nitrite according to EPA Method 300.0
- Sulfate according to EPA Method 300.0
- Fecal Coliform

In addition, the following water quality parameters will be tested in the field: pH, specific conductance, temperature, turbidity, dissolved oxygen, and oxidation-reduction potential. Water quality parameters will be collected utilizing the In-situ Troll 9000 multi-parameter water quality meter or equivalent. Water column clarity will also be gauged with a secchi disk at each transect.

Subsurface Soil Boring Investigation

As requested in the February 4, 2005 NYSDEC letter, KeySpan will include on-shore soil borings at the end of each transect where it is feasible. Transects were generally aligned with existing boring/monitoring wells that were completed on the Carroll Gardens/Public Place site. Plates 2, 3, and 4 show the proposed boring locations. Because of physical constraints (building and active gate regulator station), the requested borings on the east end of Transects P and Q will be not able to be completed. Other boring locations may have to be modified or may not be possible due to physical constraints and/or access restrictions to third party properties. Any changes in proposed boring locations will be evaluated prior to the start of the sediment sampling program. Each proposed boring will be continuously sampled to a maximum depth of 40 feet (approximately -27 feet NAVD) to coincide with the approximate terminal depth of the sediment cores. The soil borings will be collected with a Geoprobe® drilling rig. Soil samples will be collected continuously from each boring using 4-foot or 5-foot-long MacroCore® sampler equipped with a discrete sampler device. Each core will be screened with a PID and logged for physical observations including evidence of visual impacts and odors.

Up to two soil samples from each boring will be submitted for laboratory analysis. The two samples that exhibit the greatest evidence of impacts within the boring will be submitted for laboratory analysis. In the absence of visual impacts, soil samples will be collected at depths that coincide with observed impacts within nearby sediment cores. Each subsurface soil sample will be analyzed for:

- VOCs by EPA Method 8260B
- SVOCs by Method 8270C
- PCBs by Method 8082A
- Pesticides by Method 8081A
- Herbicides by Method 8151A
- TAL metals by EPA Method 6000/7000 series
- Total cyanide by EPA Method 9012

In addition, a minimum of one environmental forensics samples will be collected from the proposed subsurface borings if impacted soils are encountered.

Quality Assurance (QA)/Quality Control (QC) Plan

QA/QC samples will be collected as part of the sediment and subsurface soil investigation as described in the approved work plan. One set of QA/QC samples, consisting of blind duplicate samples, matrix spike (MS)/matrix spike duplicate (MSD) samples, and equipment rinsate blank will be collected and analyzed for every 20 sample collected in the field or one week of sampling. The QA/QC sample sets will be analyzed for the same suite of analytes as the environmental samples being submitted. Trip blank samples will be submitted for VOC analysis with every shipment of samples to the laboratory. All sample analysis and data validation will be conducted in accordance with the NYSDEC June 2000 Analytical Services Protocol (ASP).

Health and Safety Plan

All fieldwork will be conducted in a manner consistent with the provisions of the site-specific health and safety plan dated February 28, 2003. An addendum to the approved health and safety plan will be prepared and submitted that specifically addresses sediment sampling from a barge and addresses and health and safety concerns related to sampling material that may contain untreated sanitary sewage.

Equipment Decontamination and Investigation Derived Wastes

Any non-dedicated sampling equipment that contacts the sediments and subsurface soils will be decontaminated according to the approved work plan. Prior to each use by the following procedure:

- Rinse with a tap water and bleach solution (surface water and sediment handling)
- Wash with a tap water and non-phosphate detergent solution
- Tap water rinse
- Distilled water rinse
- 10% nitric acid rinse
- Methanol rinse
- Distilled/deionized water rinse

All decontamination fluids, subsurface soils, sediments and personal protective equipment (PPE) generated will be contained and brought back to the Carroll Gardens/Public Place Parcel I site and stored within 55-gallon United States Department of Transportation (USDOT)-approved drums that will be staged at Carroll Gardens/Public Place Parcel I. The investigation-derived wastes will be characterized and disposed at an approved facility.

Analytical Data Deliverable

The laboratory will provide New York State Category B data deliverables for subsurface soil, sediment, and surface water samples that will be provided in both electronic and printed format. The analytical results will be validated in accordance with New York requirements.

Field Program Schedule

It is anticipated that, pending vendor availability, the Gowanus Canal sediment investigation field program can commence upon review and approval by NYSDEC of this work plan and execution of a consent order specifically for this site. (A copy of a proposed consent order will be forwarded to the Department within one week.) KeySpan anticipates that the sampling program can be completed in approximately three to four weeks of fieldwork, depending on weather, tidal conditions, bridge and barge traffic, and approval of this work plan. KeySpan will notify NYSDEC five working days prior to the anticipated start date of the sediment-sampling investigation program. It is anticipated that the NYSDEC will have a representative on-site during all field work.

Gowanus Canal Investigation Report

The newly obtained data will be incorporated into an electronic database. The Gowanus Canal sediment investigation findings will be summarized in an investigation report that will include lithologic logs of the sediment cores, maps updated with actual sample locations, and all analytical results. Sediments will be evaluated with information provided in the NYSDEC Technical Guidance for Screening Contaminated Sediments. A draft copy of the report will be submitted to NYSDEC for review and comment approximately eight weeks after completion of field activities. A final report will be prepared following KeySpan's receipt of any NYSDEC comments.

If you have any questions, feel free to contact me at (718) 403-3053 or e-mail me at tbell@keyspanenergy.com.

Sincerely,

Tracey L. Bell
Manager
Environmental Asset Management

Attachments
c: L. Liebs (KeySpan; 1 copy)

EXHIBIT 7

KAR ENGINEERING, P.C.

5 HELLER DRIVE, BRIDGEWATER NEW JERSEY 08807
TELEPHONE: (908) 722-2882 FAX: (908) 526 9023 WWW.KAR.ORG

March 28, 2006

U.S. Environmental Protection Agency
Region II MS 211 Bldg 209
2890 Woodbridge Avenue
Edison, New Jersey 08837-3679

Att: Doug Kodama

RE: Bayside Fuel Oil Dept
510 Sackett St; Bklyn NY
EPA i.d. NYD981872419

Dear Mr. Kodama:

This is to advise you of the intention of the Bayside Fuel Oil Depot Corp to cease oil terminaling operations at their bulk oil facility located at 510 Sackett Street in Brooklyn, New York.

Bayside has discontinued oil storage and dispensing of petroleum product through the truck loading rack at this terminal. All products have been removed from the five (5) underground "mounded over" oil storage tanks A, B, C, D and E that have been cleaned and rendered "gas free", and the connecting piping has been disconnected and emptied of free product. Any waste products removed from the tanks were disposed of in accordance with all applicable state and federal requirements. The tanks are prevented from flotation.

We are providing a copy of the "Gas Free" certificate issued by a Marine Chemist indicating that the tanks were emptied, cleaned, and rendered free of petroleum vapors.

As a result of ceasing terminaling operations, Bayside will no longer be performing training, record keeping or other requirements as outlined in the SPCC Plan (40 CFR 112.7 and 8), and Facility Response Plan #0200399 (40 CFR 112.20, Appendix F).

Bayside plans to continue maintaining an office on the premises for personnel usage, and they will also maintain and utilize the existing boiler along with its 1,000 fuel oil tank in order to provide heat for the office.

We trust that this notification meets with your approval. If additional information is required, please do not hesitate to call.

Sincerely yours,

Irwin Rowe, P.E.
for Bayside Fuel/Sackett Street, B'klyn

enclosures
copy: Vincent Allegretti

STEPHEN GROMOA/CMC 659

Independent Testing and Consulting Inc.
P.O. Box 539
Hamdel, N.J. 07733
BUS.: (732) 583-2538
FAX: (732) 583-3222

CHEMIST CERTIFICATE
SERIAL NO. 227064

Survey Requested by: PTC	Client or Agent: BAYSIDE FUEL		Date: 2-26-06
Vessel/Tank: AGST (S) A thru E	Type of Vessel: AGST	Specific Location of Tank: BOUND BROOK	
Product: OIL (S) HS COMM. #'S	Test Method	Time Survey Completed: 1315	

AGST A (No 2 FO)	0% LEL	TANKS HAVE BEEN CLEANED
AGST B (No 2 FO)	20.8 %	& LAKE
AGST C (US Diesel)	20.8 %	" "
AGST D (KEROSENE)	20.8 %	GAS FREE
AGST E (No 2 FO)	20.8 %	ENTER WITH RESTRICTIONS
H2S CO - NONE DETECTED	20 PPM	
TOTAL HYDROCARBONS 10 to 20 PPM		SAFE FOR LIMITED HOTWORK

ENTRY RESTRICTIONS: VENTILATION & HALF-MASK ORGANIC CARTRIDGE RESPIRATORY PROTECTION REQ'D FOR ENTRY

HOTWORK LIMITATIONS: HOTWORK IS NOT PERMITTED ON TANK TOPS W/O OPENING/INSPECTION & HEATING TESTED

In the event of physical or atmospheric changes affecting the STANDARD OF SAFETY DESIGNATIONS assigned to any of the above spaces, this certificate is voided, spaces not listed on the Certificate are not to be entered unless authorized on another Certificate and/or maintained in accordance with OSHA 29 CFR 1915; or if in any doubt, immediately stop all work and contact the undersigned Marine Chemist. Unless otherwise stated on the Certificate, all spaces and affected adjacent spaces are to be reinspected daily or more often as necessary by the competent person or the authority having jurisdiction as applicable in support of work prior to entry or recommencement of work.

QUALIFICATIONS: Manipulation of valves or closure equipment tending to alter conditions in pipe lines, tanks or compartments subject to gas accumulation, unless specifically approved in this Certificate, requires re-inspection and/or re-issue of Certificate for the spaces so affected. All lines, vents, heating coils, valves, roof pontoons, support columns, floats, and similarly enclosed appurtenances, including tank floor, shall be considered "not safe" unless otherwise specifically designated.

STANDARD SAFETY DESIGNATIONS (partial list, paraphrased from NFPA 306.)

ATMOSPHERE SAFE FOR WORKERS: In the compartment or space so designated (a) the oxygen content of the atmosphere is at least 19.5 percent by volume and not greater than 22 percent by volume; (b) the concentration of flammable materials is below 10 percent of the lower explosive limit; (c) any toxic materials in the atmosphere associated with cargo, fuel, tank coatings, inerting mediums, or fumigants are within permissible concentrations at the time of the inspection.

NOT SAFE FOR WORKERS: Means that in the compartment or space so designated, the requirements of Safe for Workers have not been met.

ENTER WITH RESTRICTIONS: Means that in any compartment or space so designated, entry for work may be made only if conditions of proper protective equipment, clothing, and time are as specified.

SAFE FOR LIMITED HOT WORK: In the compartment or space so designated (a) portions of the space meet the requirements for Safe for Hot Work and Partial Cleaning, as applicable, or (b) the space is inerted, adjacent spaces meet the requirements for Safe for Hot Work, and hot work is restricted to specific locations; (c) portions of the space shall meet the requirements for Safe for Hot Work, as applicable, and the nature or type of hot work is limited or restricted.

NOT SAFE FOR HOT WORK: Means that in the compartment so designated, the requirements of Safe for Hot Work have not been met.

Lines have been blanked in accordance with API 2207 section 2.2.3. Repairs on tank bottoms must be treated in accordance with API 2207 section 4.

CHEMIST'S ENDORSEMENT. This is to certify that I have personally determined that all spaces in the foregoing list are in accordance with NFPA 306 Control of Gas Hazards and have found the condition of each to be in accordance with its assigned designation.

*The undersigned acknowledges receipt of this Certificate and understands conditions and limitations under which it was issued.

Signed: [signature] Name — Petroleum Tank Cleaners — Company — 2/27/06 — Date

This Certificate is issued on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

Signed: [signature] Chemist — CMC 659 — Certificate No.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 2
2890 WOODBRIDGE AVENUE
EDISON, NEW JERSEY 08837-3679

JUN 20 2006

CERTIFIED MAIL #7001 0320 0004 7788 3273
RETURN RECEIPT REQUESTED

Mr. Vincent Allegretti
Bayside Fuel Oil Depot Corporation
1776 Shore Parkway
Brooklyn, NY 11214

RE: Sackett Street Terminal (FRP #0200399)
Brooklyn, NY

Dear Mr. Allegretti:

This letter references a Facility Response Plan (FRP) Field Inspection performed on May 15, 2006, at the Sackett Street Terminal by Arlene Anderson. The field inspection was performed in conjunction with the regulatory review of the FRP for this facility in accordance with the requirements set forth in 40 CFR Parts 112.20 and 112.21 of the U.S. Environmental Protection Agency (EPA) regulations pertaining to oil spill response planning.

Based upon this field inspection, the EPA believes that this facility is permanently closed. As such, this facility is no longer regulated under the Oil Pollution Prevention regulation 40 CFR Part 112- both SPCC and FRP provisions.

If in the future your facility should become operational with an oil storage capacity that exceeds the minimum requirements in the aforementioned regulation, prompt and responsible action should be taken to assure your facility's compliance.

If you have any questions concerning the FRP Field Inspection or the FRP review process in general, please contact Arlene Anderson of my staff at (732) 906-6803.

Sincerely yours,

Eric Mosher, Chief
Response & Prevention Branch