

CENTRAL TESTING and ENGINEERING

3752 NYS Rte 206, Chenango Forks, New York, 13746 Phone:607-692-4688

PHASE I SITE ASSESSMENT April 12, 1995

for

AMERICAN CLEANERS
48-50 Walnut Street, Binghamton, N.Y.

Owner: Henrietta Hardie
Apt 2G, 38 Front Street
Binghamton, N.Y. 13905

Assessment Performed by:

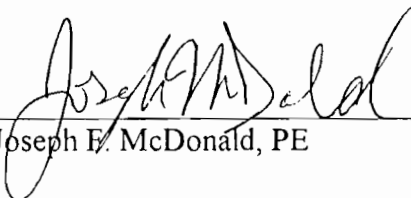
Joseph McDonald, PE 062146-1

2.1 SUMMARY:

This report accurately states the extent of the research performed, and gives a true representation of the potential environmental risks associated with the information available; as provided by Mr. Rollin Twining, Atty for the owner Ms Henrietta Hardie, as available from public records, from a visual inspection of the property, and from limited testing for Dry Cleaning Solvents and their by products. This assessment is intended as a review of the available information, without testing and without destructive exploration of the property (except for limited testing as described), for the sole purpose of determining if there is risk of environmental pollution. No certification is made for areas not visible, nor inspected.

It is the opinion of this engineer that risk does exist of potential undesirable environmental conditions on this property. The risks result from: Test confirmation from soil samples that Dry Cleaning solvents exist on the property, from potential Asbestos materials in the building, from the presence of an unknown liquid material present in an open top drum in the basement, and from an underground gasoline storage tank located on the property. These risks are not unusual for these types of use, and which are common in Site Assessments for properties with these types of uses. Further investigation of these risks is possible, through exploration and materials testing.

Recommendation for testing does NOT imply that environmental pollution or liability exists, only that further testing would be required determine if it is actually present.



Joseph F. McDonald, PE

4-13-95

Date

TABLE OF CONTENTS

- 2.1 Summary
- 2.2 Introduction
 - 2.2.1 Purpose
 - 2.2.2 Special Terms and Conditions
 - 2.2.3 Limitations and Exceptions of Assessments
 - 2.2.4 Limiting Conditions and Methodology Used
- 2.3 Site Description
 - 2.3.1 Location and Description
 - 2.3.2 Site and Vicinity Characteristics
 - 2.3.3 Description of Site Structures
 - 2.3.4 N/A
 - 2.3.5 N/A
 - 2.3.6 N/A
 - 2.3.7 N/A
 - 2.3.8 Site Map
- 2.4 Records Review
 - 2.4.1 Standar Environmental Records Sources
 - 2.4.2 N/A
 - 2.4.3 Historical Records Review
 - 2.4.4 N/A
- 2.5 Site Reconnaissance and Interviews
 - 2.5.1 Hazardous Substances
 - 2.5.1a Testing for Hazardous Materials
 - 2.5.2 Hazardous Substance Containers
 - 2.5.3 Storage Tanks
 - 2.5.4 PCB's
 - 2.5.5 Solid Waste Disposal
 - 2.5.6 Physical Setting Analysis
 - 2.5.7 Other Conditions of Concern
 - 2.5.8 N/A
- 2.6 Findings and Conclusions
- 2.7 Certification of Engineer
- 2.8 Qualifications of Engineer
- 2.9 Appendices
 - 2.9.1 Personnel Contacts
 - 2.9.2 Copies of Relevant Records

2.2 INTRODUCTION

2.2.1 PURPOSE:

The objective of a Phase I Environmental Site Assessment is to '*identify, to the extent feasible by visual inspection, records review, and personal interviews, the presence of risk of undesirable environmental conditions associated with this property*'. The identification of risk or potential conditions may only be confirmed through exploration and testing, both of which are not normally included in this process of Phase I Environmental Site Assessment. Thus a Phase I is a review of readily available information with a purpose of quickly and cost effectively identifying a level of risk associated with a particular property.

Investigations of this type should be performed to an appropriate level of depth to reduce the uncertainty regarding potential environmental conditions associated with this property. The following principles are an integral part of this process and guide the depth and duration of the Phase I review. First, that uncertainty can not be eliminated by an assessment process. Secondly, that the depth of inquiry must be appropriate to the property and evident information, this is not an exhaustive investigation. There is a point at which the cost of information obtained or the time required to gather it outweighs the usefulness of the information. This point is better defined by the owners or potential owners of the property after 'risk' information is obtained. Therefore this investigation will only cover areas and depths to the extent that the environmental professional sees as necessary to identify the presence of risk of environmental conditions.

2.2.2 SPECIAL TERMS AND CONDITIONS

The AMERICAN CLEANERS property exhibits readily visible characteristics which identify its past use of Dry Cleaning and Laundering, activities which present a risk of generating undesirable environmental conditions. Therefore, it is prudent to curtail an extensive search for historical records such as aerial photographs, property tax files, zoning, and land use records. Rather this Assessment will focus upon the evident and current information as a basis for risk assessment. The conclusions of this investigation rely heavily upon Site Reconnaissance, personal interviews, limited testing for Dry Cleaning solvents, and environmental records research.

2.2.3 LIMITATIONS AND EXCEPTIONS OF ASSESSMENT:

Testing has been performed to a limited degree, as requested by Ms Hardie. No other investigation beyond commonly visible areas of the property has been made. No opinion of structure, life expectancy, construction, or conditions of utilities such as electric or plumbing is given. No opinion is given for issues such as radon, lead in water or paints, or other materials not discussed in this report.

2.2.4 LIMITING CONDITIONS AND METHODOLOGY USED:

This Phase I Environmental Site Assessment has been performed to provide an accurate description of the potential risks associated with this property, subject to the current state of the facilities and documents available. Obstructions such as enclosed or concealed spaces, or surface coverings such as asphalt, define the limit of inspection possible during Site Reconnaissance. Documentation reviewed covers historical ownership and records available from public agencies concerning building and environmental activities. This report does not imply that all existing documents have been discovered nor sought.

The observations stated, and the documented history listed in this report, are the basis for all conclusions made in this report. No implication is made as to the condition of the property beyond what is stated here.

Through its modern life (since 1943) this property was owned by Mr. Charles W. and Mrs. Ruth W. Hardie, having purchased it from Mr. Martin S. Murphy, owner since 1932. This property was owned and operated as a cleaning facility for clothing and included miscellaneous activities such as pressing and storage as well as Dry Cleaning and Laundering. The actual events of those operations could at any time influence the state of environmental conditions on the property. Knowledge of actual events is limited, though two individuals were contacted who have had personal knowledge of the operations of the facility. General knowledge such as this has helped focus this Assessment upon potential areas of risk that environmental conditions exist.

As a guide line, this Phase I Environmental Site Assessment is being conducted following ASTM E 1527-93 *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. This standard is published by the American Society for Testing and Materials, to be used as a commercially prudent and reasonable inquiry to identify recognized environmental conditions in connection with a particular property. This guide is not a requirement, but rather a guide for obtaining the most information in a cost effective manner. This guide line does NOT address sampling or testing, as these activities are not normally included. However testing for Dry Cleaning solvents and by products at specific locations within the property was requested and performed to expedite the confirmation or denial of concerns over hazardous materials contamination.

2.3 SITE DESCRIPTION

2.3.1 LOCATION AND DESCRIPTION

The subject property is located on the east side of Walnut Street, and on the north side of Seminary Avenue, within the City of Binghamton, N.Y., and known as 48 - 50 Walnut Street. This property is approximately 79' along Seminary Avenue and 50' along Walnut Street, though not rectangular. It consists of one tax map parcel, 303016. This property contains a two story structure, originally a home approximately 24' x 40' with an expanded store front addition which is built along both Seminary and Walnut Streets, adding approximately 1600 sqft. An masonry block building approximately 16' x 20' exists at the north east corner of the property. This property is the same as described in Deed 1823 page 386.

2.3.2 SITE AND VICINITY CHARACTERISTICS

The subject property is located on flat lands, at an elevation of approximately 870 feet above sea level. Soils in this area are generally referred to as Cut and Fill, C_u, gravelly materials. These land types consist of fill that came mostly from areas of Chenango and Howard gravelly loam, exhibiting good drainage, and generally excellent for highway and building sites. In this area of Binghamton the fill material commonly exists to a depth of 5 to 10 feet and consists of Chenango soil material placed over alluvial Tioga soil.

The surrounding area and neighboring properties consist mainly of residential properties.

2.3.4 DESCRIPTION OF SITE STRUCTURES

The American Cleaners property consists of a two story residential structure converted to office, clothing storage, and shirt rooms to support the Laundering and Dry Cleaning operations. This Residential structure is approximately 24' x 40' with partial basement. A masonry addition was constructed along the Seminary Avenue and Walnut Street side so the original structure, single story approximately 23' wide through out. This first floor space was used for Retail customer space and for pressing operations. Numerous holes through the floor show where steam lines came from the basement boilers to provide steam for the presses. Located in the basement was the primary cleaning area, housing dry-to-wet Dry Cleaning machines, and Spotting (or spot removing) and laundry cleaning. Dry Cleaning fluid, Perchlorethylene, was stored in a 275 gallon bulk storage tank in the basement. A cinder block building was constructed at the north east corner of the property and housed Dry Cleaning equipment and used solvent materials.

The property is currently without power, water service, and without a heating plant. One over head gas space heater exists in the press room, currently disconnected. Sewer drain lines from the building appear to be completely plugged.

An underground gasoline fuel storage tank, recorded as 450 gallons, is located on the premises. Though its location is not known, it is believed to be along the eastern property line. A vent line exists along the east side of the building, and a fill cap line exists at the north corner of the original residential structure. The dispensing pump was located adjacent to the vent pipe, though it is now removed.

2.3.4 N/A

2.3.5 N/A

2.3.6 N/A

2.3.7 N/A

2.3.8 SITE MAP

A Site Map has been prepared from measurements taken during the Site Reconnaissance, and is intended to document the approximate configuration on the property. Subsurface elements shown are illustrative and approximate only.

WALNUT STREET

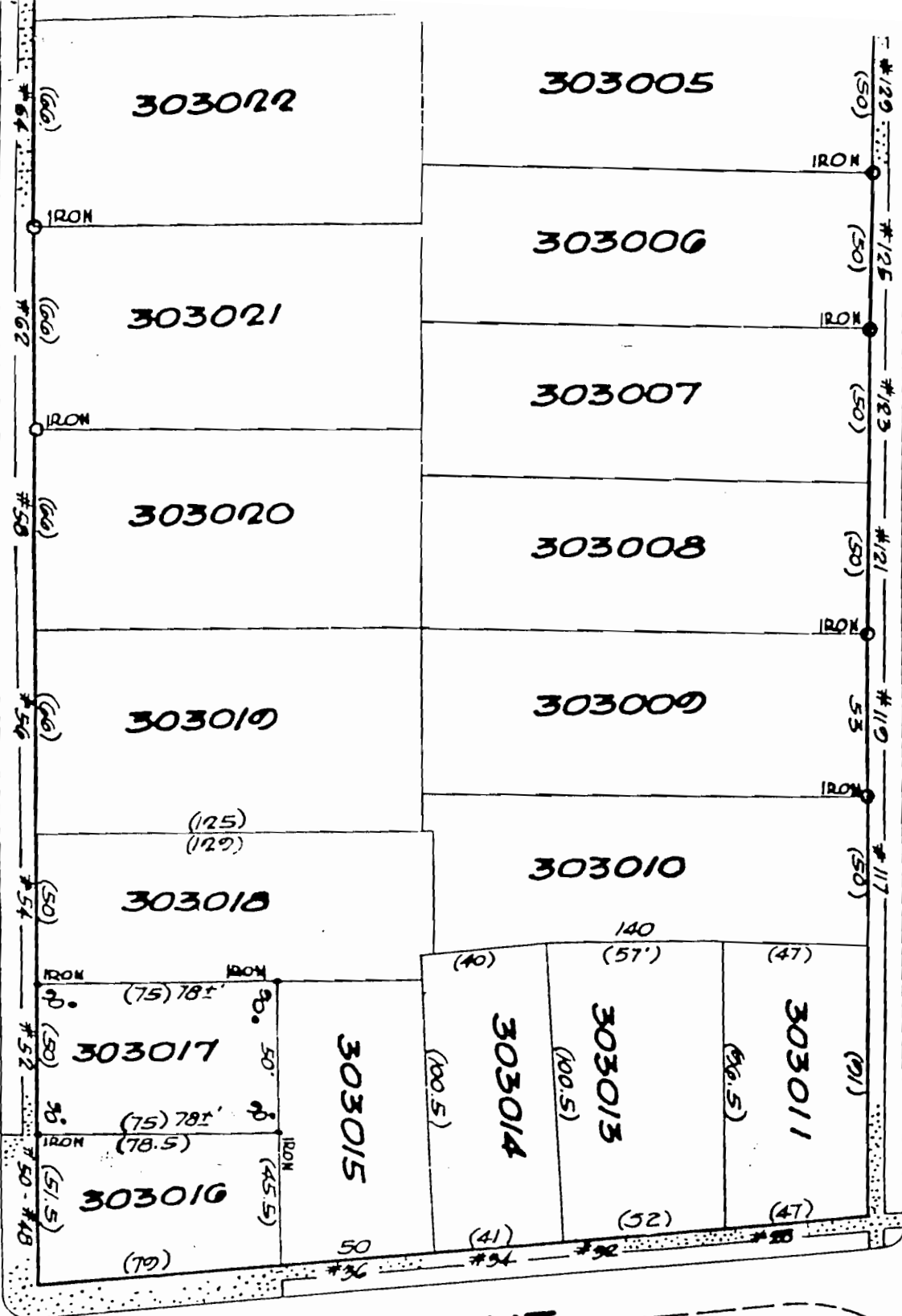
16 X 20
MASONRY
BLOCK BLDG

ORIGINAL RESIDENTIAL
HOUSE

MASONRY BLOCK ADDITION
AMERICAN CLEANERS
48 - 50 WALNUT STREET

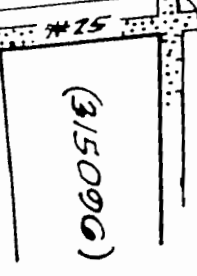
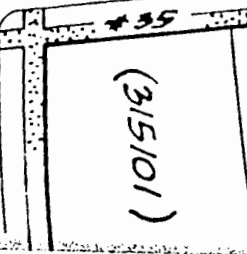
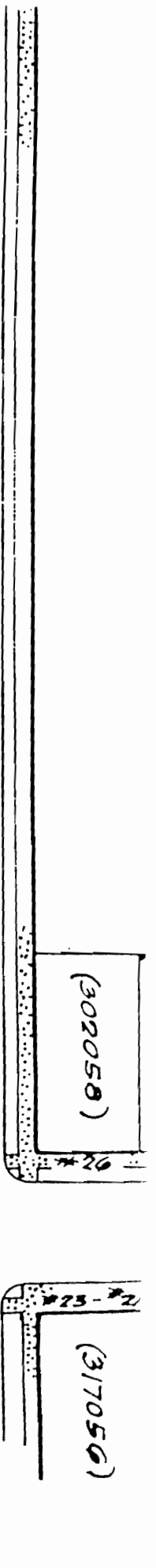
SEMINARY AVENUE

STREET



AVENUE

STREET



2.4 RECORDS REVIEW:

2.4.1 STANDARD ENVIRONMENTAL RECORD SOURCES

The New York State Department of Environmental Conservation office in Kirkwood N.Y. was contacted for any property records related to this property. Mr. Joseph Galloway has provided copy of a Hazardous Waste Inspection made on 12/7/93. This report is the only record on file with the DEC and indicates only that this site no longer generates hazardous waste. No statement is made as to previous waste materials.

The Broome County Health Department in Binghamton N.Y. was contacted for any property records related to this property. Mr. Ron Brink has provided a review of records checked at his office concerning this property including Listed Spills, Chemical Bulk Storage Permits, Sanborne data files, Haz Mat site data, Environmental Clean Up sites, etc. This review has revealed no known hazardous incidents, materials, or history for this property.

The City of Binghamton, Buildings and Construction department was contacted for historical records of construction and occupancy, incidents, and complaints. There is only one record on file with this office; a building permit to replace a steam boiler issued on 4/14/93 and then canceled on 1/26/94, showing no work started.

The City of Binghamton, Fire Administration department was contacted for information concerning incidents, spills, fires, or inspections. The Fire Administration office has performed a street inspection, including this property, and has recorded that 48 - 50 Walnut Street does have an underground gasoline storage tank, 450 gallons in size. No other incidents are known to have occurred at this location.

The City of Binghamton, Joint Sewage Treatment department was contacted for records related to sewage disposal, Pretreatment Works permits, SPDES permits, etc. Mr. Bill Horigan of the Joint Sewage Treatment department has provided confirmation that a complaint was received and investigated of an individual at this location disposing of chemicals down the street storm sewer. The storm sewer was tested and no chemicals were found. The incident was closed. Mr. Horigan has also provided a contact with Mr. John Trendowski of C&S Engineers, Syracuse, N.Y.. C&S Engineers were hired by the City of Binghamton to perform a survey of Binghamton properties which were presumed to need a Sewage Pretreatment Works Program for all discharges to the City. These records exist currently as 'no activity, no pretreatment required', as well as historical records maintained off site. These historical records were not available, are currently being retrieved, and Mr. Trendowski will provide copies of any pertinent records to this property at a future date. These records, if any exist, are not part of this report.

The City of Binghamton, Engineers office was contacted for sewer records of the sewer lines in the vicinity of Walnut and Seminary, and for records of connection permits for this property. There are no records of any connections to the sewer system, therefore it is assumed that connections were made to the sewer line in Seminary Avenue before records were kept at the Engineers office. The sewer under Seminary Avenue has a depth of approximately 23 feet below

street level, and has two 'Y' connection points within reach of the property. It is believed that the eastern most connection 'Y' is used for all connections from this property. Mr. Roy Darrow of the Engineers office has provided this information and has offered to perform a die test on the plumbing from the building to insure that is indeed connected to the sewer line. This test was attempted however both the floor drain, and the main discharge line are plugged and will not pass liquid.

2.4.2 N/A

2.4.3 HISTORICAL RECORDS REVIEW

A historical review of previous owners of the property was made by researching the Broome County Clerks records of Deed Transfers. Below is a descriptive list of previous owners, dates of transfers, and associated use of the property at that time.

Date of Transfer	Grantor	to	Grantee	Comments and Property Use
12/15/26	-----		Lyman J. Larrabee	Purchase
01/29/32	L.J. Larrabee		Martin S. Murphy	Purchase
04/01/43	M.S. Murphy		Charles W. Hardie Ruth W. Hardie	Purchase
05/03/93	C.W.Hardie, Estate		Henrietta M. Hardie	Estate transfer

2.4.4 N/A

2.5 SITE RECONNAISSANCE AND INTERVIEWS

2.5.1 HAZARDOUS SUBSTANCES

This Dry Cleaning operation conducted most cleaning activities in the basement area or in the 16 x 20 exterior masonry building. The primary cleaning solvent used was Perchlorethylene. Additional cleaners and spot removers were kept on site to aid in the cleaning process. The Perchlorethylene was purchased in 55 gal drums and delivered to the first floor addition, east end. This solvent was pumped downstairs to a 275 gal above the basement floor tank, where it was held until needed for use.

The dry cleaning machines were models known as dry-to-wet cleaning machines, meaning the cloths to be cleaned were put into the machine dry, and taken out wet (spun but not dry of chemical) to be placed in the separate drying machine. Solvent was cycled through the cleaning machines and checked periodically for chemical content. Additional Perchlorethylene was added

as necessary to make up for loss (evaporation and other). Dirty solvent was reclaimed through a steam heating, evaporation/condensation process. This reclamation took place in a tank separate from the cleaning machine. Out put from the reclamation process was a waste powder or thick paste from the evaporation tank. This material was placed into small plastic barrels, each approximately 10 gallons in size, and stored in the 16 x 20 out building. This waste was then shipped for disposal by Safety-Kleen of Rochester N.Y., also known as American Haz Mat inc., San Diego California. No search of disposal records was made.

Spotting or spot removal was done in the basement area in a small room located near the Walnut street side. Application of chemicals for spot removing, and rinsing in sinks was performed here. Drainage from these sinks was through a pipe running above the floor and along the Seminary Avenue wall to the floor drain in the basement. This pipe is now quite corroded but is still in place.

Laundering was performed upstairs in the front right hand room, along Walnut Street, as well as in the basement Spotting room. Again drainage from this laundering was to the City Sewer.

Locating the areas of these activities has resulted from examination of the building for piping locations, imprints on the floors, and from interviews with two key individuals; Mr. Sal Julian and Mr. Oscar Wormouth.

Mr. Sal Julian, 29 Oak Street, Binghamton purchased the American Cleaners operations from Mrs. Henrietta Hardie in Sept. '92 and operated from this facility using the current equipment until December '93. At that time Mr. Julian determined it to be more cost effective to subcontract the actual cleaning to another cleaning establishment, and to use 48 - 50 Walnut Street as a customer outlet only. In March of 1994, Mr. Julian moved his remaining operations (pick up and drop off) out of this building. At that time Mr. Julian disposed of some of the equipment, but left the majority.

Mr. Julian described the facility as having a customer area, shirt room and press area on the first floor, Dry Cleaning in the basement. The 16 x 20 Masonry block building housed some very large and unused machines he assumed to be antiquated dry cleaning equipment, but never operated them. He described the operation as being a dry-to-wet cleaning process using Perchloroethylene, and stated the previous manager operated a distilling process to reclaim dry cleaning solvent, though Mr. Julian did not reclaim. He did dispose of used Perchloroethylene in 55 gallon drums, about 2 per month, through a Safety-Kleen distributor in Rochester N.Y. (this has not been confirmed with Safety Kleen). Mr. Julian spoke of two individuals who had worked at the facility in the past and who could speak for the operations: Mr. Oscar Wormouth and Mr. Dick Starkweather. (Mr. Starkweather could not be contacted, no answer was received at telephone directory listing for Mr. Donald C. Starkweather at 30 Park Street, Binghamton. This street address is now a parking lot for United Health Services. No further attempt was made to contact Mr. Starkweather.)

Mr. Oscar Wormouth managed the operations of American Cleaners from the time of Mr. Hardies' death in February 1992 until it was sold to Mr. Julian. Mr. Wormouth stated he is a friend of the family and did operate this cleaning business until Mr. Hardie could make other arrangements. Mr. Wormouth described the facility as dry cleaning and spot removing downstairs, presses upstairs. Equipment previously in the 16 x 20 masonry building was old dry cleaning equipment, not used any longer. Waste Perchloroethylene containers were stored in this out building. Mr. Wormouth did not know if the gasoline tank was still buried on the property but did know about the tank. The original house was used as an office and for shirt handling and cleaning on the first floor. The second floor was used for out of season clothing storage by Mr. Hardie, though not by Mr. Wormouth.

After Mr. Julian abandon the facility, Mr. Wormouth did assist with the removal of equipment from the building, including the boilers in both the original house and in the addition. These were removed because, as he stated these were no longer usable. He stated that there was Asbestos which he did remove.

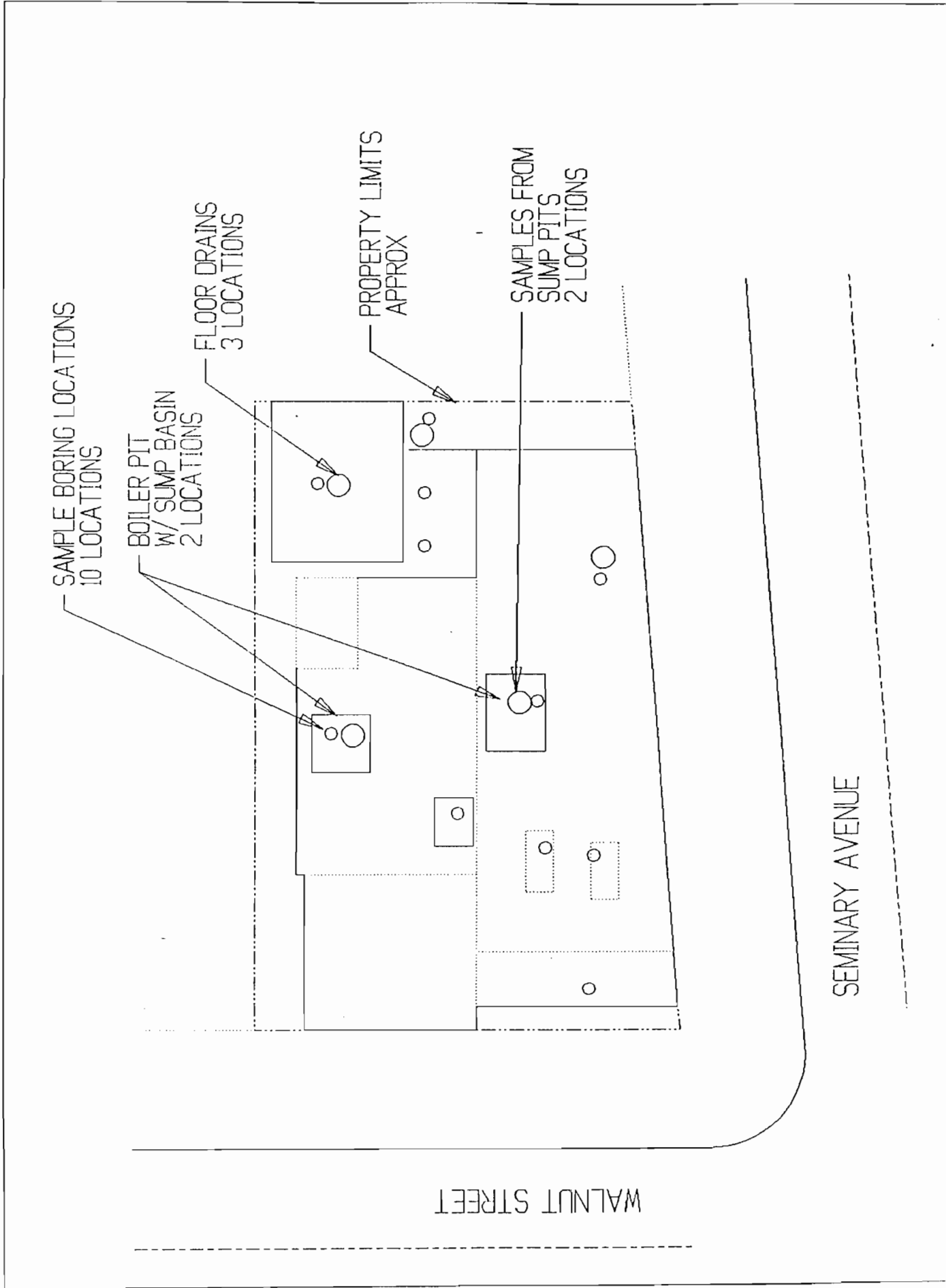
Asbestos materials may exist through out the building, either from boiler and piping insulation or from existing construction materials, namely shingle siding, floor tiles in the customer area, and roofing insulation in the flat or built up roof structures of the masonry addition or the 16 x 20 out building.

2.5.1a TESTING FOR HAZARDOUS MATERIALS

A review of hazardous substances would include materials related to Dry Cleaning, laundering, and their by products. By products mean chemicals produced by the natural or manufactured decomposition or combination of other chemicals. This property has an evident history of chemical handling on site, as would be normal for the operation of this Dry Cleaning operation. Materials such as Perchloroethylene or Tetrachloroethane, Acetone/Acetate, Ammonia, Hydrochloric Acid, Amyl Acetate, Sodium Bisulfate, and Acetic Acid are typical of the materials used at this site, and which must be assumed as potential sources of environmental risk.

Mr. Rollin Twining had requested that additional steps be taken during this Phase I audit to investigate for potential contaminants. This was done to enhance the value of this investigation and to confirm or deny the presence of hazardous materials on site. Sampling and composite sample testing was proposed and accepted as a modified approach to this Phase I Environmental Assessment.

During site reconnaissance, locations were identified where hazardous materials contamination might exist. These locations were then sampled by collecting samples from soil found 12" to 18" below grade or finished floor. These samples were combined together into one homogeneous sample, bottled, labeled, and rush shipped to Express Labs, of Middlesex, N. Y. that same day. These samples were tested using Laboratory Standard test method 8260 for Halocarbon materials; Dry Cleaning Solvents and their by products. This method looks for some 58 different chemicals and compounds related to Dry Cleaning chemicals, and by products. The accompanying drawing shows the locations from which soil samples per taken.



SAMPLE BORING LOCATIONS
10 LOCATIONS

BOILER PIT
W/ SUMP BASIN
2 LOCATIONS

FLOOR DRAINS
3 LOCATIONS

PROPERTY LIMITS
APPROX

SAMPLES FROM
SUMP PITS
2 LOCATIONS

WALNUT STREET

SEMINARY AVENUE

These sample tests did confirm the presence of Perchlorethylene or Tetrachloroethane in the soil taken from the site. Test report for this sample is attached, and does indicate the presence of 200 ppm of Tetrachloroethane, and the presence Trichloroethane at or below certified detection levels. These contaminants, having been detected in a composite sample, might have come from a single sampling point or from multiple points. The actual location may be determined only through additional testing. Its concentration is significant, and does warrant additional testing to determine the location(s) and concentration of the material.

2.5.2 HAZARDOUS SUBSTANCE CONTAINERS

This facility is for the most part empty of all equipment and storage containers. There is however one open top light colored drum located in the basement of the original residential structure which does contain some unknown liquid. This may be a water softener tank. However, since this facility has been unoccupied for some time, no product label exists, and no one has been responsible for this material, this must NOT be disposed of without confirmation as to what it is. Disposing of an unknown substance would be considered as the illegal dumping of chemical materials.

2.5.3 STORAGE TANKS

A buried fuel tank is known to exist on the site. A 450 gallon gasoline storage tank is recorded on a Fire Administration Street Inspection Report. This street inspection report was found during an interview with Richard Gellet, City of Binghamton Fire Administration. The report does not define the exact location of the tank, nor does it identify removal of the tank. During a visual examination of the property, a tank vent pipe was found along the east wall of the main building, and what is believed to be a remote fill pipe located at the north east corner of the original residential structure. A metal detector scan of the area indicated multiple locations of buried metallic materials. No probing or soil testing was done.

Within the original residential building there is a steel tank of approximately 100 gallons in size, a type common to water pressure storage tanks. It's use or contents are not known.

In the basement of the masonry addition, the reported 275 gal tank used to hold Perchlorethylene no longer exists.

These are the only tanks discovered during this Assessment as being or having been on site. This does not preclude other tanks from existing or having existed.

2.5.4 PCB's

PCB's are typically known to add cooling characteristics to hydraulic fluids. These were added to commercially available hydraulic fluid prior to 1970's, and would have been designed for applications of heavy hydraulic use, repeated actuation, and where heat would have to be transferred. Typical examples would be transformers or fork lift trucks.

It is not likely that PCB's would be present on this property or would have resulted from this Dry Cleaning operation. The risk would be minimal of PCB's being on site or in the soil of this property. No testing for PCB's has been attempted.

2.5.5 SOLID WASTE DISPOSAL

Solid waste disposal in this area has been via commercial haulers. Solid waste generated on this property most likely has been removed from the site during normal business operations. Risk of solid waste disposal on site is very remote.

2.5.6 PHYSICAL SETTING ANALYSIS

This property exists on what is believed to be well drained gravelly loam soils. Migration of hazardous materials such as Tetrachloroethane could be possible. This migration would occur vertically and horizontally from the source of the contamination. Migration off of the property is possible, though not predictable at this time. After identification of the source of Tetrachloroethane (as found in the composite sample), then evaluation of the direction of migration can be made.

2.5.7 OTHER CONDITIONS OF CONCERN: Class V Injection Wells

The Safe Drinking Water Act, Sections 1421 and 1422, 40 CFR 144, identifies a Class V Injection Well, as the introduction of potentially contaminated waste into the ground, and there by risking contamination of ground water and drinking water supplies. Examples of Class V Injection Wells include Floor Drains and Laundry Wash Drains to on site septic disposal or directly into the ground via below floor dry well.

A floor drain exists at three locations on the property. Search of the plumbing records with the City of Binghamton, Mr. Roy Darrow, Assistant Engineer, indicates that the street sewer does lie under Seminary Avenue at a depth of approximately 23' below street level. Normally all lines draining into the sewer would have a P trap to keep odors in the sewer lines. The main building drain lines do connect through a P trap and exit out through the basement floor in the area of the City sewer connection. The floor drain destinations are not known. With Mr. Darrows' assistance, a die test was attempted through this floor drain, however the drain is plugged and would not pass water. As a final note the main drain line also is plugged and will not pass water to the sewer.

If these are direct discharge drains, ie Class V injection wells, they must be cleaned and closed permanently. This will involve demonstrating that this disposal method is not or has not introduced contamination into the ground water.

2.5.8 N/A

2.6 FINDINGS AND CONCLUSIONS

This property, known as American Cleaners, 48 - 50 Walnut Street, Binghamton, N.Y., has been reviewed by this engineer, using a Modified Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527. This Assessment has revealed no evidence of recognized environmental conditions in connection with this property except for the following:

1. The presence of hazardous materials was confirmed in soils samples taken from this property. This soil was taken from twelve locations on the property, combined into a composite sample and tested for Dry Cleaning Solvents and by products. Tetrachloroethane was detected, and Trichloroethane was observed in the sample though at levels at or below the laboratory certified detection limit. Further examination of this property is recommended to determine the location and concentration of the contaminants, to determine the migration paths, and to recommend appropriate reclamation action.

The presence of Asbestos materials should be investigated in the basement area and related to the heating system. Also the presence of asbestos containing construction materials should be investigated in the floor tiles of the customer reception area, and in the exterior siding of the original residential structure, and in the insulation materials of the roofing system located over the masonry construction addition and out building.

2. A Gasoline fuel storage tank was discovered and should be investigated. The potential for fuel or sludge remaining in the tank or contamination outside the tank may exist on this site. This contamination may result from on site leaks or spills at the tanks, lines, or pump. This engineer does not have complete knowledge of all storage tanks which might have existed on the property, nor of the existing soil conditions across the property, and thus it must be assessed that the risk of contamination does exist.

3. The open top drum of unknown liquid should be investigated and identified. This liquid must be disposed of properly.

4. Investigation of the floor drains should be considered to determine their destination. If these are determined to be a Class V injection wells, then they must be closed in accordance with the requirements of EPA Class V injection well closure rules.

2.7 CERTIFICATION OF ENGINEER

I, Joseph F. McDonald, Professional Engineer, have reviewed this site to the best of my ability, to provide an assessment of risk of the presence of environmental conditions, and in accordance with the guidelines of ASTM E 1527, to the extent described in this report.

Assessment of risk does not imply that contamination exists. Additional testing and assessment could be performed if the owner or future owners wish more in depth knowledge of the conditions present.

2.8 QUALIFICATIONS OF ENGINEER

Education:

BS ME from Northeastern University, Boston Massachusetts, 1975

Masters of Business Administration, SUNY Binghamton, 1981

Experience:

Employed in industry from 1975 to 1986 at various manufacturing and processing positions. Sample list of employers include Ingersol-Rand, Ridge Tool Co., and IBM. Sample list of responsibilities include process and equipment development for manufacturing products, management, and systems engineering.

Professional License:

New York State Licensed Professional Engineer, 062146-1, 1985

Experience since 1986:

Self employed since 1986, providing engineering services to residential, commercial and governmental customers. Sample list of clients include Village of Endicott (Fuel Systems inspection, testing and upgrade), Raymond Corporation (Engineering for exhaust system contaminants, permit applications, SPCC planning, Storm Water Discharge Planning), New York State - Office of General Services (Inspection, Testing, and Spill/Leak Response for fuel storage systems).

Previous Environmental Assessments:

Sample list of clients: Browns Service Center, Greene Country Market Place (formerly Raymond Corporation foundry), Martindale Service Station, Page Print

2.9 APPENDICES

2.9.1 PERSONNEL CONTACTS

The following names and phone numbers/addresses are provided as a record of the contacts made during this investigation for future use as may be appropriate.

Mr. Ron Brink, Broome County Health Department 607-778-2887
One Wall Street, Binghamton, N.Y.

Mr. Bill Horigan, City of Binghamton, Joint Sewage Treatment Plant 607-729-2975
Old Vestal Road, Binghamton, N.Y.

Mr. Richard Gellet, City of Binghamton, Fire Administration 607-723-7475
5th Floor, City Hall, Binghamton, N.Y.

City of Binghamton, Building and Construction Department
3rd Floor, City Hall, Binghamton, N.Y.

Roy Darrow, Assistant Engineer, Engineers Office 607-772-7007
3rd Floor, City Hall, Binghamton, N.Y.

John Trendowski, C&S Engineers, Syracuse, N.Y. 315-453-2000

Mr. Oscar Wormouth, Deborah Drive, Chenango Bridge 607-648-6764

Mr. Sal Julian, Office at 29 Oak Street, Binghamton, N.Y. 607-723-5855

Mr. Joseph Galloway, NYS DEC, Rt 11, Kirkwood, N.Y. 607-775-2545

Mr. Rollin Twining, Atty, 53 Front St, Binghamton, N.Y. 607-772-1700

2.9.2 COPIES OF RELEVANT RECORDS -- Attached



CITY OF BINGHAMTON
APPLICATION FOR
PUBLIC ACCESS TO RECORDS

The Freedom of Information Law reaffirms your right to know how your government operates. It provides rights of access to records reflective of governmental decisions and policies that affect the lives of every New Yorker, under most circumstances.

Within five business days **after** receiving this request, the City will contact you to acknowledge receipt of your request and to advise you of its status. Please note that the City may need additional time to gather the requested materials and will advise you of the date the materials will be available.

DATE REC'D BY DEPT. _____
FOR CITY CLERK USE ONLY
NO. OF PAGES _____
FEE PAID <input type="checkbox"/>
AMOUNT _____
RECEIVED BY _____

APPLICATION REQUEST

PLEASE COMPLETE ALL APPLICABLE INFORMATION, BEING AS EXPLICIT AS POSSIBLE, UNLESS THERE IS AN ATTACHED LETTER SPECIFICALLY DESCRIBING YOUR REQUEST.

TO: RECORDS ACCESS OFFICER FOR: FIRE ADMINISTRATION
 DEPARTMENT NAME

3-31-95
 DATE OF REQUEST

- I REQUEST TO SEE THE FOLLOWING RECORD(S):
- I REQUEST A COPY OF THE FOLLOWING RECORD(S):
- PLEASE REFER TO ATTACHED LETTER.

98-50 WALNUT ST., AMERICAN DRY CLEANERS OR CHARLES HARDIE
209 W SHEET, UNDERGROUND STORAGE TANKS, STREET INSPECTION RECORD

PURPOSE OF REQUEST (OPTIONAL) ENVIRONMENTAL ASSESSMENT
 APPLICANT'S NAME (PLEASE PRINT) JOSEPH F. McDONALD
 APPLICANT'S SIGNATURE Joseph McDonald
 APPLICANT'S MAILING ADDRESS 3752 NYS RT 206
CHEWANGO FORKS NY 13746
 APPLICANT'S TELEPHONE # 607-692-4688

FOR AGENCY USE ONLY

At time of request, Department staff must attach to this form any written requests received in lieu of the City's form and check the appropriate box above.

- APPROVED
- APPROVED WITH DELETIONS (SEE ITEMS AT RIGHT)
- DENIED (SEE ITEMS AT RIGHT)
- RECORD DOES NOT EXIST IN DEPT. FILES

RECORDS DELETED OR DENIED AS PER: Public Officers Law, Section 87 (2).

- a) Exempted by state or federal statute
- b) Unwarranted invasion of personal privacy
- c) Would impair present/imminent contract awards or collective bargaining negotiations
- d) Are trade secrets
- e) Compiled for law enforcement purposes which would:
 - i. interfere with law enforcement investigations or judicial proceedings
 - ii. deprive a person of a right to a fair trial or impartial adjudication
 - iii. identify a confidential source or disclose confidential information relative to a criminal investigation
 - iv. reveal criminal investigative techniques/procedures
- f) Would endanger the life or safety of any person
- g) Are inter-agency or intra-agency communications
- h) Are examination questions or answers requested prior to final administration of such questions
- i) Other _____

Robert Collet
 SIGNATURE

CAPTAIN
 TITLE

3-31-95
 DATE

APPEAL REQUEST

Please note, you have a right to appeal a denial of this application. Please send this Appeal Request to the Mayor of the City of Binghamton, Richard A. Bucci, City Hall, Binghamton, New York 13901-3777. Telephone #772-7001. The City of Binghamton will fully explain the reasons for such denial in writing within seven days after receiving an appeal.

I HEREBY APPEAL:

BUILDING INSPECTION REPORT

Address

50.52 Walnut St. Owner Sal Juliano

Permit No.

56M-93

Building Use

Comm.

Type of Construction

Site Plan _____ Footer/Foundation/Slab _____ Framing _____ Stairs _____
 Windows _____ Doors _____ Roof/Siding _____ Plumbing _____ Electric _____
 Insulation _____ Drywall _____ Heat/HVAC Fireplace _____ Exits _____
 Smoke Detector _____ Fire Separation _____ Sprinkler _____ Ansul System _____
 Stand Pipe _____ Elevator _____ Fence _____ Sign _____ Demolition _____
 Firestops _____ Chimney _____ Pool _____ Deck _____ Garage _____ Carport _____
 Shed _____ Facade _____

Contractor

John Conter

Plumber

J. Conter

Electrician

John Richards

JOB DESCRIPTION

Replace steam boiler (American Cleaners)

REPORT

1st inspection 8-1-93 Cokely
no work started

2nd inspection 9-14-93 Cokely
no work started

3rd inspection 12-1-93 Cokely
no work started

4th inspection 1-26-94 Cokely
Cancel permit no work started

Cancel Permit
 - 1-26-94
 Jc

Completion Date:

1-26-94

Inspector:

J. Cokely

CITY OF BINGHAMTON

Office of Buildings & Construction

Building Permit Application

PERMIT NO. 561

199



Application is hereby made for permission to: (description)

Current Use Of Property:

REPLACE STEAM Boiler / AMERICAN CLEANERS

Commercial

Property AMERICAN CLEANERS
50-52 WALNUT

Lot Size _____ X _____ For Office Use Only!
Lot Area _____

Owner CHARLES HARRI ESTATE

Lot Coverage _____

business owner - Sal Quisen
Owner's Address 48 SEMINAR

Proposed Coverage _____

Phone# _____

Zoning District _____

Contractor John Contro

Setbacks	Required	Proposed
Front	_____	_____
Side	_____	_____
Rear	_____	_____

Electrician John Richards

Plumber John Contro

Architect/Engineer N/A

Insurance _____

Parking - Required# _____

N.Y.S. Workman's
Comp#/Exp. Date _____

Type of Construction _____

Cost of Construction 6000.00

Variance/Special Permit _____

Permit Fee \$30.00 T.R.

Recreation Space Approval _____

S.E.Q.R. _____

SECT. 1304 ZONING ORDINANCE & SECT. 202 BUILDING CODE.

PLANS, IF REQUIRED BY THE BUILDING INSPECTOR, MUST BE SUBMITTED AND RETAINED WITH THIS APPLICATION. PLANS FOR THE BUILDING MUST ALSO BE AVAILABLE ON THE JOB SITE. NO PERSON SHALL ALTER THE BUILDING PLANS WITHOUT THE REQUIRED APPROVALS.

THE BUILDING INSPECTOR MUST BE NOTIFIED BEFORE CONCRETE IS POURED FOR FOOTERS AND FOUNDATION.

NO PROPERTY SHALL BE USED FOR ANY USE UNLESS A CERTIFICATE OF OCCUPANCY HAS BEEN ISSUED. THE USE SHALL BE IN ACCORDANCE WITH ALL APPLICABLE LAWS.

BUILDING PERMIT EXPIRES ONE YEAR FROM DATE OF ISSUANCE.

APPROVAL AND PERMISSION GRANTED, SUBJECT TO PROVISIONS AND LIMITATIONS OF THE LAWS OF NEW YORK STATE AND THE CITY OF BINGHAMTON.

THE APPLICANT SIGNING IS THE OWNER AND/OR A DULY AUTHORIZED AGENT OF THE OWNER TO OBTAIN A BUILDING PERMIT IN HIS NAME AND AFFIRMS THAT ALL INFORMATION IS TRUE AND CORRECT. APPLICANT AGREES THAT ALL WORK BEING DONE CONFORMS WITH ALL APPLICABLE CODES.

Date Received 4-12-93

Applicant's Signature [Signature]

Date Approved 4/14/93

Building Inspector Paul Chastain



CITY OF BINGHAMTON
APPLICATION FOR
PUBLIC ACCESS TO RECORDS

DATE REC'D BY DEPT. 3/31/95

FOR CITY CLERK USE ONLY

NO. OF PAGES 2

FEE PAID \$ 50

RECEIVED BY MEJ

The Freedom of Information Law reaffirms your right to know how your government operates. It provides rights of access to records reflective of governmental decisions and policies that affect the lives of every New Yorker, under most circumstances.

Within five business days after receiving this request, the City will contact you to acknowledge receipt of your request and to advise you of its status. Please note that the City may need additional time to gather the requested materials and will advise you of the date the materials will be available.

APPLICATION REQUEST

PLEASE COMPLETE ALL APPLICABLE INFORMATION, BEING AS EXPLICIT AS POSSIBLE, UNLESS THERE IS AN ATTACHED LETTER SPECIFICALLY DESCRIBING YOUR REQUEST.

TO: RECORDS ACCESS OFFICER FOR: BUILDING AND CONSTRUCTION,
 DEPARTMENT NAME

3-31-95
 DATE OF REQUEST

- I REQUEST TO SEE THE FOLLOWING RECORD(S):
- I REQUEST A COPY OF THE FOLLOWING RECORD(S):
- PLEASE REFER TO ATTACHED LETTER.

BUILDING PERMITS FOR 48-50 WALNUT ST., OR AMERICAN DRY CLEANER
OR CHARLES HARDIE OR SALVADORE JULIAN @ SAME ADDRESS
ZONING AND CODE VIOLATIONS, COMPLAINTS, AND INCIDENTS

PURPOSE OF REQUEST (OPTIONAL) _____

APPLICANT'S NAME (PLEASE PRINT) Joseph F. McDonald, P.E.

APPLICANT'S SIGNATURE Joseph McDonald

APPLICANT'S MAILING ADDRESS 3752 NYS Rt 206
CHENANGO FORKS NY 13746

(include name of firm or organization and mailing address if applicable)

APPLICANT'S TELEPHONE # 607-692-4688

FOR AGENCY USE ONLY

At time of request, Department staff must attach to this form any written requests received in lieu of the City's form and check the appropriate box above.

RECORDS DELETED OR DENIED AS PER: Public Officers Law, Section 87 (2).

- a) Exempted by state or federal statute
- b) Unwarranted invasion of personal privacy
- c) Would impair present/imminent contract awards or collective bargaining negotiations
- d) Are trade secrets
- e) Compiled for law enforcement purposes which would:
 - i. interfere with law enforcement investigations or judicial proceedings
 - ii. deprive a person of a right to a fair trial or impartial adjudication
 - iii. identify a confidential source or disclose confidential information relative to a criminal investigation
 - iv. reveal criminal investigative techniques/procedures
- f) Would endanger the life or safety of any person
- g) Are inter-agency or intra-agency communications
- h) Are examination questions or answers requested prior to final administration of such questions
- i) Other _____

- APPROVED
- APPROVED WITH DELETIONS (SEE ITEMS AT RIGHT)
- DENIED (SEE ITEMS AT RIGHT)
- RECORD DOES NOT EXIST IN DEPT. FILES

David Chadwick
 SIGNATURE

TITLE

DATE

APPEAL REQUEST

Please note, you have a right to appeal a denial of this application. Please send this Appeal Request to the Mayor of the City of Binghamton, Richard A. Bucci, City Hall, Binghamton, New York 13901-3777. Telephone #772-7001. The City of Binghamton will fully explain the reasons for such denial in writing within seven days after receiving an appeal.

I HEREBY APPEAL:

48 - 50 Walnut St.

Legend:

- ☒ Dry Cleaner
- × ICS Site
- ⚓ RCRA Site
- Historic Chemical User



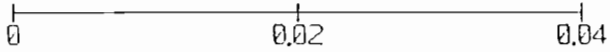
← WALNUT ST

Site

PERCHLOROETHYLENE, USED 600 GALS. ON HA. +1958
ND 100 GALS. × ⚓ +981879734
PERCHLOROETHYLENE ○ ☒ ○ +100 GALS. +AMERICAN CLEANERS
+1970

↓ SEMINARY AV

miles



Broome County Health Dept. 4/3/95

- 1) No listed spills (NYSEDEC 1994 database).
- 2) No listed waste, (" ").
- 3) Chemicals alleged to be stored in an AOT (WRI survey).
- 4) No CBS permit for storage listed (1994 database).
- 5) No SFDES permit for waste water discharge (" ").
- 6) Not inspected by USEPA UIC program.
- 7) Not listed in 1986 air emissions data base; used a transfer machine.
- 8) No sanitary data for site in BCHD files.
- 9) Not a MOEF (1994 NYSEDEC database).
- 10) Public water in area; public sewers in area.
- 11) A dry cleaner for at least 45 years (business directory site data).
- 12) Not a known dump site (USEPA, NYSEDEC, EMC, BCHD databases).
- 13) Located over a stream flow contribution area to a sole-source aquifer (Clinton St. Ball Park Aquifer).
- 14) Site not inspected by BCHD.
- 15) No radar data for site.
- 16) No public wells on-site; no known groundwater plumes beneath site.
- 17) Not a TRI site (1992 database - USEPA).
- 18) Not a BCHD listed environmental clean-up site (1994 data).
- 19) Not a pest/ herb site (BCHD database - 1994).
- 20) Not a Haz Mat site (Emergency services data).

Paul C. Bunn
4/3/95

RECEIVED

MAR 31 1995

BROOME COUNTY HEALTH DEPARTMENT

APPLICATION FOR RECORD SEARCH OR FOIL REQUEST
Broome County Health Department
Division of Environmental Health Services
One Wall Street
Binghamton, New York 13901
607-778-2887

I hereby apply to receive records of the Broome-County Health Department's Environmental Health Division:

RECORDS REQUESTED: (be as specific as possible, use back of form if necessary)
ALSO SEWAGE / SEPTIC RECORDS
CHEMICAL STORAGE AND INCIDENT REPORTS, INSPECTIONS, ZONING FORMS,
UNDERGROUND TANKS, FLOOR DRAINS & CLASS I INJECTION WELLS.
FOR 98-50 WALNUT ST. BINGHAMTON OR CHARLES HARDIE OR SAL JULIAN

NAME (please print): JOSEPH F. McDONALD, P.E.

MAILING ADDRESS: 3752 NYS RT 206 CHEWANGO FORKS NY 13746

SIGNATURE: [Handwritten Signature]

FOR AGENCY USE ONLY

- RECORD FOUND (copies attached) RECORD CANNOT BE FOUND
RECORD NOT MAINTAINED BY THIS AGENCY APPROVED DENIED

SIGNATURE DATE

NOTICE TO APPLICANT: You have a right to appeal a denial of this application to County Attorney, who must fully explain his reasons for such denial in writing within seven days of an appeal.

I HEREBY APPEAL:

NAME SIGNATURE
(please print)

ADDRESS

DATE

THE COST FOR THIS SEARCH IF REQUESTING COPIES WILL BE \$.25 PER PAGE. A CHECK OR MONEY ORDER MADE PAYABLE TO BROOME COUNTY HEALTH DEPARTMENT SHOULD ACCOMPANY THIS FORM IF COPIES ARE BEING REQUESTED.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 DIVISION OF SOLID AND HAZARDOUS WASTE
 BUREAU OF HAZARDOUS WASTE OPERATIONS
 COMPLIANCE INSPECTION SECTION
 50 WOLF ROAD, ALBANY, NEW YORK 12233-4017

Name: Ms. Susan Jeavons

Title: Office Manager

Business Name: American Cleaners

Address: 48-50 Walnut Street
 Binghamton, NY 13905

RE: Hazardous Waste Inspection Date: 12-7-93

Inspected By: Joseph P. Galloway
 Environmental Engr. 1

Location of Business: Same as above

EPA Identification Number: NYD981079734

Dear Ms. Jeavons:

In order to determine compliance with the New York State Hazardous Waste Regulations, the New York State Department of Environmental Conservation conducted an inspection of your facility on the above referenced date.

As a result of that inspection, you were found to be operating as follows:

- Small Quantity Generator—Generates less than 100 kg/month and stores less than 100 kg.
- Small Quantity Generator—Generates less than 100 kg/month and stores more than 100 kg., but less than 1,000 kg.
- Small Quantity Generator—Generates more than 100 kg/month but less than 1,000 kg/month and stores less than 1,000 kg.
- Generator—Generates 1,000 kg or more per month and/or stores more than 1,000 kg.
- Other— Facility no longer generates

Hazardous Waste

- The Department's Inspector found no violations of the New York State Hazardous Waste Regulations on the inspection date referenced above. A copy of the Inspection Form is enclosed for your records.
- Your facility was not subject to the New York State Hazardous Waste Regulations on the inspection date referenced above. A copy of the Inspection Form is enclosed for your records.

If you have any questions, please contact the Inspector at the location circled on the back.

Thank you for your cooperation.

Sincerely,

Joseph P. Galloway

ENCLOSURE:
 Inspection Form

EXPRESSLAB

PO Box 40 5611 Water Street Middlesex NY 14507

Tel: (716) 554-5347

Tel: (800) THE LABS

Tel: (800) 843-5227

FAX: (716) 554-4114

Work Order Number:

SPECIALIZING IN ENVIRONMENTAL SOIL TESTS
NY STATE LABORATORY #11369**LABORATORY REPORT - 8260 Volatiles**

Cust Name: Central Testing & Engineers
 Address: 3752 NYS RT 206
 Chenango Forks, NY 13746
 Phone 607-692-4688
 FAX: 607-692-3393
 Attention: Joe McDonald

PO Number:
 Project Number 950404-001
 Project Cust: American Cleaners
 Project Site: Walnut / Seminary
 Results Sent: FAX
 Lab Director:

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results shown in bold type:

Detection Limits shown in mg/L or mg/kg

Results expressed in mg/L or mg/kg= ppm

Extraction Method: 5030 Purge & Trap

Analysis Method: Method 8260 Purge & Trap
with Gas Chromatograph/Mass
Spectrometer/Ion Trap

Sample ID (LAB)	6180	
Sample ID(CUST)	Basement	
Sample ID(CUST)		
Matrix	Soil	
Sampled By	Joe McDonald	
Date Sampled	04/04/95	02:15
Date Received	04/05/95	09:00
Date Analyzed	04/06/95	
Date Reported	04/10/95	

	Results	Det. Limit
Bromoform	<DL	20.0
cis-1,2-Dichloroethene	<DL	20.0
2,2-Dichloropropane	<DL	20.0
1,1-Dichloropropene	<DL	20.0
Dibromomethane	<DL	20.0
1,3-Dichloropropane	<DL	20.0
1,2-Dibromoethane	<DL	20.0
1,1,1,2-Tetrachloroethane	<DL	20.0
1,2,3-Trichloropropane	<DL	20.0
2-Chlorotoluene	<DL	20.0
4-Chlorotoluene	<DL	20.0
tert-Butylbenzene	<DL	20.0
1,2-Dibromo-3-cyclopropa	<DL	20.0
1,2,4-Trichlorobenzene	<DL	20.0
Hexachlorobutadiene	<DL	20.0
1,2,3-Trichlorobenzene	<DL	20.0

Tetrachloroethene detected, above the range of the instrument, reported as > 200.

J = Detected, however below detection limit.

EXPRESSLAB

PO Box 40 5611 Water Street Middlesex NY 14507

Tel: (716) 554-5347

Tel: (800) THE LABS

Tel: (800) 843-5227

FAX: (716) 554-4114

Work Order Number: _____

**SPECIALIZING IN ENVIRONMENTAL SOIL TESTS
NY STATE LABORATORY #11369**

LABORATORY REPORT - 8260 Volatiles

Cust Name: Central Testing & Engineers
Address: 3752 NYS RT 206
Chenango Forks , NY 13746
Phone: 607-692-4688
FAX: 607-692-3393
Attention: Joe McDonald

PO Number:
Project Number 950404-001
Project Cust: American Cleaners
Project Site: Walnut / Seminary
Results Sent: FAX
Lab Director:

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results shown in bold type:

Detection Limits shown in mg/L or mg/kg

Results expressed in mg/L or mg/kg= ppm

Extraction Method: 5030 Purge & Trap
Analysis Method: Method 8260 Purge & Trap
with Gas Chromatograph/Mass Spectrometer/Ion Trap

Sample ID (LAB)	6180	
Sample ID(CUST)	Basement	
Sample ID(CUST)		
Matrix	Soil	
Sampled By	Joe McDonald	
Date Sampled	04/04/95	02:15
Date Received	04/05/95	09:00
Date Analyzed	04/06/95	
Date Reported	04/10/95	

	Results	Det. Limit		Results	Det. Limit
Benzene	<DL	20.0	1,1,1-Trichloroethane	<DL	20.0
Bromochloromethane	<DL	20.0	1,1,2-Trichloroethane	<DL	20.0
Bromodichloromethane	<DL	20.0	Trichloroethene	J	20.0
Carbon Tetrachloride	<DL	20.0	Bromomethane	<DL	20.0
Chlorobenzene	<DL	20.0	Chloroethane	<DL	20.0
Chloroform	<DL	20.0	Chloromethane	<DL	20.0
Dibromochloromethane	<DL	20.0	Dichlorodifluoromethane	<DL	20.0
1,2-Dichlorobenzene	<DL	20.0	Trichlorofluoromethane	<DL	20.0
1,3-Dichlorobenzene	<DL	20.0	Vinyl Chloride	<DL	20.0
1,4-Dichlorobenzene	<DL	20.0	n-Propylbenzene	<DL	20.0
1,1-Dichloroethane	<DL	20.0	Isopropylbenzene	<DL	20.0
1,2-Dichloroethane	<DL	20.0	1,3,5-Trimethylbenzene	<DL	20.0
trans-1,2-Dichloroethene	<DL	20.0	1,2,4-Trimethylbenzene	<DL	20.0
1,1-Dichloroethene	<DL	20.0	sec-Butylbenzene	<DL	20.0
1,2-Dichloropropane	<DL	20.0	p-Isopropyltoluene	<DL	20.0
1,3-Dichloropropene	<DL	20.0	n-Butylbenzene	<DL	20.0
Ethyl Benzene	<DL	20.0	Naphthalene	<DL	20.0
Methylene chloride	<DL	20.0	o-Xylene	<DL	20.0
1,1,2,2-Tetrachloroethane	<DL	20.0	m-Xylene	<DL	20.0
Tetrachloroethene	> 200	20.0	p-Xylene	<DL	20.0
Toluene	<DL	20.0	Styrene	<DL	20.0