


**REMEDIAL ACTION PLAN
166 CENTRAL AVENUE
ILION, NEW YORK**


Joseph A. Mastroianni, P.E.
License # 063898-1

REMEDIAL ACTION PLAN

**166 CENTRAL AVENUE
ILION, NEW YORK**

PREPARED FOR:

**ALDI, INC.
P.O. BOX 584, STATE ROUTE 281
TULLY, NEW YORK
13159-0584**

**CHA PROJECT NO. 6201.14.04
NYSDEC SPILL NO. 97-014-02**

JUNE 1997

PREPARED BY:

**CLOUGH, HARBOUR & ASSOCIATES LLP
*ENGINEERS, SURVEYORS, PLANNERS
& LANDSCAPE ARCHITECTS*
109 SOUTH WARREN STREET, SUITE 1300
SYRACUSE, NEW YORK
13202**

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1.0 INTRODUCTION

1.1 BACKGROUND

Clough, Harbour & Associates LLP (CHA) has prepared this *Remedial Action Plan* (RAP) on behalf of Aldi, Inc. to address the remedial activities to be performed at 166 Central Avenue in Ilion, New York (Figure 1). This RAP is being submitted to the New York State Department of Environmental Conservation (NYSDEC) for review and approval pursuant to a voluntary cleanup agreement between Aldi, Inc., purchaser of the property, and the NYSDEC.

The site was the subject of a Phase I Environmental Site Assessment by CHA in February 1997 in which an inactive underground storage tank (UST) was identified. The UST was removed by the site owner in March 1997. In April 1997, CHA performed a Phase II site investigation which indicated contaminated soil and groundwater in the vicinity of the UST. A Spill Number of 97-014-02 has been assigned to the site.

The project site is identified as 166 Central Avenue based on the location of the former UST, although remedial activities may take place on adjoining parcels that Aldi, Inc. is intending to purchase. The property at 166 Central Avenue is $0.7 \pm$ acres in area and includes one building, a paved parking area and a grass yard. This building is a single story commercial building constructed of cement blocks with a flat roof.

1.2 FUTURE USE OF SITE

Aldi, Inc. intends to construct a grocery store on this site and use the site for commercial purposes only. It is important to note that the proposed construction of an Aldi grocery store and associated parking lot will occur on what is presently five separate, but adjoining parcels, identified 166-178 Central Avenue in Ilion, New York (Figure 2). All existing buildings on site are planned to be demolished. Figure 3 depicts the Site Plan for the proposed development of the site. As reflected

by this plan, the site will consist of a single building approximately 17,150 square feet in size and a larged paved parking lot. Existing wooded areas on the eastern portion of the site will remain wooded.

CHA has met with members of the Codes Enforcement Office, NYSDEC (for floodplain issues), the Village of Ilion Board, the Ilion Board of Light (power company), water department, fire department, police department, and the Village Clerk's office to discuss the proposed development of the site. Each department had only minor comments and all Village issues have been resolved at this time for issuance of a Building Permit.

1.3 PURPOSE AND OBJECTIVES

Aldi, Inc. has retained CHA to plan and implement the remedial program described herein to remove soil contamination, and further define groundwater impacts at the project site. This RAP has been developed in conjunction with a voluntary cleanup agreement to ensure that the remedial program proposed will satisfy applicable regulatory requirements. This plan summarizes the results of previous investigations at the project site, and outlines the scope of the proposed remedial program involving the excavation and off-site disposal of contaminated soil. Additionally, activities associated with the further investigation and/or monitoring of groundwater impacts are presented.

1.4 SCOPE OF WORK

The scope of the remedial program outlined herein primarily consists of: (1) the excavation and off-site disposal of potentially impacted soils related thereto; and (2) installation of a groundwater monitoring network consisting of three monitoring wells and a subsequent quarterly monitoring program to be performed for one (1) year. The scope of work required to accomplish this remedial program includes the following:

- Preparation of a site specific Health and Safety Plan (HASP) which complies with applicable OSHA requirements;
- Implementation of a community air monitoring program;
- The excavation, transport and off-site disposal of petroleum impacted soil in the vicinity of the UST;
- The collection and analysis of post-excavation samples to verify the achievement of the cleanup levels;
- Backfilling and compaction of excavations;
- Preparation of a report documenting remedial activities and identifying the quantity and final disposition of all wastes generated as a result of these activities;
- The drilling and installation of one (1) upgradient and two (2) downgradient monitoring wells; (see attached Figure 5 for locations)
- The collection and analysis of groundwater samples on a quarterly basis for 1 year;
- The preparation of quarterly reports summarizing the groundwater sample results.

2.0 SITE DESCRIPTION

2.1 GENERAL

Information in this section has been condensed from the Phase I Environmental Site Assessment completed by CHA in February (included in Appendix A).

The subject property is located at 166 Central Avenue in Ilion, New York. As mentioned above, Aldi Inc. intends to purchase five adjoining parcels identified as 166-178 Central Avenue. At 168 Central Avenue, there are two buildings, a gravel parking lot and a wooded area. The first building is a vacant two story wood frame warehouse with a pitched roof. This building is approximately 4400 ft² and in poor condition. It was previously used to store plumbing supplies. The second structure is a vacant single story wood-framed building with corrugated metal roofing and siding sitting on a concrete slab foundation. A portion of the gravel parking lot is being used to store overhead door parts.

At 166 Central Avenue, there is one building, a paved parking area and a grass yard. The building is a single story commercial building (currently rented by Kane Overhead Doors) constructed of cement blocks with a flat roof.

The northwestern portion of the subject site has two parcels both 0.09 ± acres in size. One parcel identified as 178 Central Avenue, is a vacant lot being used as a parking area for 176 Central Avenue. The second parcel includes one building and a grass yard. This building is a two story, wood framed residence with a pitched, shingled roof.

The center of the subject site is an irregularly shaped parcel approximately 1.2 ± acres in size. This parcel does not have a street address. This parcel includes a grass yard, a paved and gravel driveway and a four stall garage. This garage is constructed of cement blocks and has a flat roof.

2.2 SITE OWNERSHIP

The title of Abstract for the five tax parcels included in the subject site was provided to CHA by Aldi, Inc. A review of this Abstract was conducted to establish current and past property ownership and to identify past uses which may have had an environmentally detrimental impact on the property. Title records were traced from 1937 to the present. The subject site is currently owned by two corporations, Projectrac Corp. and Northrup Supply Co. Two of the current tax parcels were purchased at the same time and are listed under the same deed.

Tax Parcels 120.29-1-02 and 120.29-1-06 are considered to be 166 Central Avenue. The current title holder of this property is Projectrac Corp. according to the Herkimer County Real Property Tax Office. The most recent deed however lists the owners as Martin and Helen Green who purchased the property from Conrad Klipple in August 1937 (Book 326: page 24). The title of Abstract does not indicate who Mr. Klipple purchased the property from however, there was an easement on the property granted by Mr. Klipple in 1923.

Tax parcel 120.29-1-04 is 168 Central Avenue. The current owner of the property is Northrup Supply Co. who purchased the property in two parcels from Martin and Helen Green in March 1946 (Book 368: page 493) and December 1946 (Book 384: page 534). Martin and Helen Green purchased the property from Conrad Klipple in August 1937.

Tax parcel 120.29-1-7 is 176 Central Avenue. The current owner of the property is Projectrac Corp. according to the Herkimer County Real Property Tax Office. The most recent deed however lists the owners as Martin Green and Sons, Inc. who purchased the property from Ira and Lola Jones as executors for the estate of Kathleen Sandell. Kathleen and Harold Sandell purchased the property from Manufacturers National Bank in January 1946.

Tax parcel 120.29-1-8 is 178 Central Avenue. The current owner of the property is Projectrac Corp. according to the Herkimer County Real Property Tax Office. The most recent deed

however lists the owners as Martin Green and Sons, Inc. who purchased the property from Harold Hitchcock and Betty Speece in November 1971 (Book 618: page 463). Harold Hitchcock and Betty Speece acquired the property from Lydia S. Joesbury in August 1970.

2.3 HISTORICAL USE OF PROPERTY

CHA reviewed Sanborn Fire Insurance Maps for years 1925, 1950 and 1959. These maps covered only 166 Central Avenue and 168 Central Avenue. The 1925 map indicated that 166 Central Avenue was undeveloped. The 1950 map also indicates that a building has been constructed at 166 Central Avenue and is being used as a filling station. There are three gasoline tanks associated with this filling station located to the north and east of the building. A second smaller building and three aboveground storage tanks are located to the east behind this filling station. These tanks are labeled as being used for kerosene and fuel oil. The 1959 map indicates that the filling station located at 166 Central Avenue has expanded almost doubling its floor space however, the three gasoline tanks are no longer indicated on the map. Three aboveground storage tanks used for kerosene and fuel oil are still present however, the small building located to the east behind the filling station is absent.

CHA also reviewed Iliion street directories from 1929 to the present at the Iliion Public Library. Street Directories indicated that prior to 1929 there was no listing for 166 Central Avenue. Sometime between 1929 and 1936, Green and Sons Service Station opened and remained at 166 Central Avenue until it became Green and Sons Inc. Fuel Oil sometime between 1966 and 1968. Listings for 166 Central Avenue remained Green and Sons Inc. Fuel Oil until 1992, when its listing became Agway Energy Products. The 1995 and 1996 street directory list 166 Central Avenue as being vacant, although the current occupants operate a garage door installation business. In addition, sometime between 1949 and 1951 Speeding Dan's Oil Burner Service and Green's Trailer Camp with nine tenants was listed as being at 166 Central Avenue with Green and Sons Service Station. Green's Trailer Camp was no longer listed in 1957 and Speeding Dan's Oil Burner Service was not listed in 1958.

2.4 SITE GEOLOGY

Based upon a review of the *Surficial Geologic Map of New York - Hudson Mohawk Sheet* (1987), overburden on-site consists of recent deposits. These deposits are characterized as generally confined to floodplains within a valley. They are composed of fine sand to gravel. In some larger valleys these areas are overlain by silt. The subject site is underlain by glacial and alluvial deposits with an unknown bedrock according to the *Geologic Map of New York - Hudson Mohawk Sheet* (1970). Based upon topographic mapping of the area, regional groundwater on the site is expected to be to the north or northeast toward the Mohawk River. The actual groundwater flow direction, however, has not been confirmed.

2.5 REGISTRATION AS PBS SITE

Review of the New York Petroleum Bulk Storage (PBS) Tank Report (September 1996) indicated that *Martin Green and Sons, Inc.* located at 166 Central Avenue was a storage terminal and petroleum distributor. This facility is currently inactive and at one time had five tanks including three 20,000 gallon aboveground fuel oil tanks and two 10,000 gallon aboveground kerosene tanks. All five tanks were closed and removed.

3.0 PREVIOUS ENVIRONMENTAL INVESTIGATIONS

On behalf of the potential purchaser of the property, Aldi, Inc., CHA completed several additional investigations beyond the Phase I ESA. These investigations are summarized below with the complete reports included in Appendix B. The investigations included a limited geophysical survey and a subsurface investigation using Geoprobe borings and temporary wells.

3.1 GEOPHYSICAL SURVEY

The geophysical survey consisted of using a magnetometer to scan the area around the building at 166 Central Avenue. Four anomalies were identified during the investigation. One anomaly on the southeast side of the building was found to correspond to a 1,000 gallon underground storage tank. That tank was removed by the owner in March 1997.

3.2 SUBSURFACE INVESTIGATION

CHA conducted a subsurface investigation of the site in late March 1997. A Geoprobe rig was used to advance ten borings in radiating pattern away from the former location of the UST. Soils extracted from the geoprobe borings were monitored with an HNu photoionization detector for the presence of organic vapors. The borings were advanced up to 12 feet below grade, with the final depth being limited by the water table. In three of the ten borings, CHA installed 2-inch diameter temporary PVC wells. Groundwater samples were collected from these wells using dedicated disposable bailers and then were submitted to a NYSDOH-certified laboratory for analysis of petroleum compounds using EPA methods 8021 and 8270.

The results of this investigation indicated that visually stained soils were identified in only one boring located in the immediate vicinity of the former location of the UST. However, soils over an area of approximately 110 feet by 60 feet southeast of the former UST location indicated HNu readings of at least 50 parts per million. Additionally, the groundwater in all three temporary wells

contained petroleum compounds in low levels. However, only the groundwater from temporary well TW-1, installed nearest the former location of the UST, contained concentrations of petroleum compounds in excess of NYSDEC Class GA groundwater standards. The location of the borings and temporary wells are depicted on Figure 4.

4.0 CLEANUP LEVELS

CHA proposes to excavate all soil above the water table that contains petroleum compounds in excess of the TCLP extraction guidance values for fuel oil contaminated soil established in *Spill Technology and Remediation Series (STARS) Memo #1, Petroleum-Contaminated Soil Guidance Policy*, published by the NYSDEC.

The results of groundwater sampling will be compared to NYSDEC Class GA groundwater standards as defined in the New York Code of Rules and Regulations Part 703.

5.0 REMEDIAL PROGRAM

5.1 SOIL EXCAVATION AND DISPOSAL

5.1.1 Site Control and Staging of Contaminated Soils

Site control is an important aspect of this plan. In order to safeguard the health and safety of site workers and the general public, access to all remedial work areas will be restricted. Temporary construction fencing will be erected around exterior excavations and staging areas to prevent unauthorized personnel from entering these areas.

Contaminated soil excavated in the vicinity of the former location of the UST will be staged on site prior to off site disposal. The staging area will be constructed on an existing asphalt parking lot using 20-mil polyethylene liner which will be bermed on three sides allowing for vehicle access on the unbermed side. The staging area will be sloped away from the unbermed side for effective runoff control. All soil placed in the staging area will be covered with 6-mil polyethylene sheeting to eliminate fugitive dust emissions and prevent precipitation from entering the stockpile.

5.1.2 Soil Excavation

The approximate area of contaminated soil associated with the former UST at 166 Central Avenue has been identified, as depicted in Figure 4. However, the precise volume of contaminated soil has not been delineated. Therefore, two estimates have been provided. As discussed previously, visually stained soils were only observed in one test boring advanced approximately 20 feet away from the former UST location. Based on this visual evidence of contamination, we estimate that initially an area of 20 feet by 20 feet will require excavation. Based on the depth to the water table, we have assumed that excavation will be required to a depth of 8 feet below grade. This represents a volume of approximately 120 cubic yards of material.

If all soil exhibiting soil gas concentrations in excess of 50 parts per million required excavation, the area of soil contamination is 110 feet by 60 feet. Assuming the same depth of excavation (8 feet), the volume to be removed would approach 1,960 cubic yards.

5.1.3 Confirmatory Sampling

The actual delineation of the soil removal will be performed through confirmatory sampling performed during remediation. However, Aldi, Inc. may desire to perform additional subsurface sampling prior to the actual soil removal to further refine the estimated volume of contaminated soil. It is anticipated that a backhoe would be used to excavated test pits and that soil samples from the test pits would be collected and analyzed for petroleum compounds. Aldi, Inc. will notify the NYSDEC should they desire to perform additional investigations of this sort.

To verify that the cleanup levels have been achieved in each excavation area, post excavation sampling and laboratory analysis will be performed. Soil samples will be collected from the walls and floor of the excavation area. These samples will be submitted to a New York State Department of Health certified laboratory for chemical analysis for the volatile and semi-volatile organic compounds appearing on the EPA's Target Compound List using Methods 8260 and 8270, respectively. CHA anticipates using a 24 hour turnaround for the laboratory analysis. Should the review of the resultant analytical data for an excavation area indicate that the cleanup levels have been satisfied, the excavation will be cleared for backfilling in accordance with the Site Restoration Section of this Plan. However, should any of the sample results from an excavation area indicate that residual contaminant concentrations exceed the cleanup levels, the excavation will be enlarged to remove the remaining contamination, and will be subjected to another round of post excavation sampling and analysis.

With the exception of temporary backfilling of excavations for safety reasons, no excavations will be backfilled until achievement of the cleanup levels has been verified by post-excavation sampling.

5.1.4 Removal of Grossly Contaminated Groundwater

Should grossly contaminated groundwater be encountered during the removal of contaminated soil, the Remediation contractor will pump the groundwater from the excavation into a 10,000 gallon trailer. Groundwater will then be pumped through cannisters of granular activated carbon. The effluent will then either be discharged to a drainage ditch on site or disposed of at a local POTW.

5.1.5 Disposal Profiling

The profiling of the contaminated soil for disposal purposes will be the responsibility of the remediation contractor. The selection of an appropriately permitted disposal facility will be based upon the results of laboratory analysis of the soil.

5.1.6 Transportation and Disposal of Contaminated Soil

Contaminated soil excavated during this remedial program will be loaded directly into 22 ton dump trailers for transport to an appropriately permitted off-site disposal facility authorized by the NYSDEC to accept this type of waste. The transport of contaminated soil will be performed by an appropriately licensed waste hauler.

5.1.7 Equipment Decontamination

All equipment that comes in contact with contaminated materials will be decontaminated prior to being used for the handling or transfer of clean backfill, and prior to leaving the project site. Equipment decontamination will be performed on plastic sheeting in the staging area using a high pressure steam-generating cleaner. Soil residue removed during decontamination activities will be placed in 55 gallon drums, along with soiled plastic sheeting, for proper disposal.

5.1.8 Site Restoration

Excavations will be backfilled with clean select material (or other appropriate clean fill) obtained from an off-site source and placed in horizontal lifts possessing a maximum loose thickness of 12 inches. Lifts will be compacted, using a combination of the excavator or back-hoe and a plate tamper.

5.2 GROUNDWATER MONITORING

5.2.1 General Discussion

The proposed groundwater monitoring network will consist of two downgradient groundwater monitoring wells and one upgradient monitoring well. The approximate locations of these wells is depicted in Figure 5. The location of the wells was selected based on their accessibility after site development and to assess groundwater quality at the downgradient site boundary. These wells will be utilized to confirm groundwater flow direction and assess the magnitude and extent of groundwater contamination.

5.2.2 Well Installation

The boreholes will be advanced to a depth of approximately 7 feet below the water table, which is anticipated to occur at approximately 4 to 8 feet below grade, using 4-1/4-inch I.D. hollow stem augers. Split-spoon samples will be collected at standard five (5) foot intervals to verify stratigraphy. The monitoring wells will be constructed of 2-inch I.D., Schedule 40 PVC screens (10-slot) and risers. The well screens will be fitted with a threaded end cap, installed at the bottom of the borehole, and extend above the water table. The annulus around the screens will be backfilled with an appropriately sized filter media to a depth of approximately one (1) foot above the top of the screen. A bentonite seal will be placed above the sand pack, and the remaining annular space will be

grouted to the surface using a cement/bentonite mixture. Both wells will be completed with locking, protective casings and clearly marked to prevent damage from construction activities.

5.2.3 Sampling and Analysis

After the static water level in each of the three monitoring wells has been measured and recorded, but not before 48-hours after installation, the wells will be developed and sampled. Well development will be performed by removing 3-5 well volumes from each well using dedicated PVC bailers. Representative groundwater samples will be collected from each well using the dedicated bailers after the groundwater level in each well returns to at least 80% of the static condition. The samples will be submitted to a NYSDOH certified laboratory for analysis using Methods 8021 and 8270 for volatile and semi-volatile organic compounds. Sampling will be conducted on a quarterly basis for 1 year.

5.3 RECORD KEEPING AND REPORTING

Throughout the course of the remedial program, CHA will maintain records associated with site activities and the transport and off-site disposal of waste generated on-site. At the completion of the project, and upon receipt of the fully executed waste manifests, CHA will compile these records in a Post-Remedial Report. This report will summarize and document the remedial program, and will identify the quantity and final disposition of all waste materials generated during the project.

The analytical data resulting from the collection and chemical analysis of groundwater samples for the monitoring wells will be reported to the NYSDEC in a comparative format with the applicable groundwater standards within 60 days of sample collection.

6.0 SCHEDULE

Aldi, Inc. intends to close on the property in July 1997 and anticipates performing asbestos abatement and demolition of existing structures in late August or early September 1997. The site remediation proposed in this plan is scheduled for middle of September. It is anticipated that the entire remedial action will be completed within 1 to 2 weeks (excluding the quarterly groundwater monitoring). They plan to begin construction of the new commercial facility in late September, 1997. This schedule should accommodate execution of the Voluntary Cleanup Agreement and the associated comment period.

7.0 HEALTH AND SAFETY PLAN

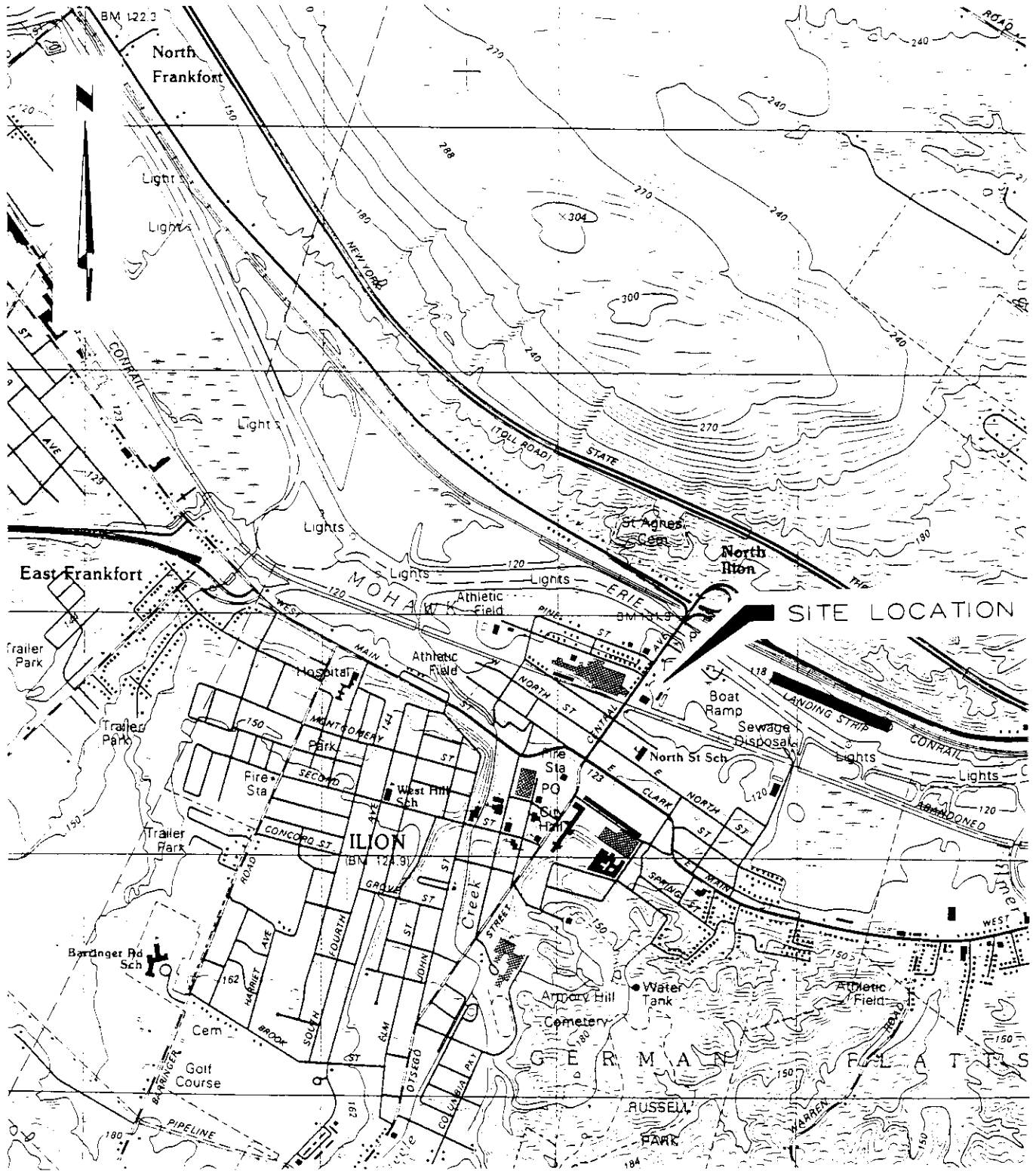
7.1 COMMUNITY HEALTH AND SAFETY PLAN

In accordance with NYSDEC and New York State Department of Health (NYSDOH) requirements, a Community Health and Safety Plan will be prepared to outline the procedures and controls to be utilized to protect the public from potential hazards associated with the remedial program. This plan will be developed in accordance with the NYSDOH technical reference entitled, *Community Health and Safety Plan* (Item No. BEEI-003), dated March 29, 1996.

7.2 SITE HEALTH AND SAFETY PLAN

Prior to the initiation of remedial activities at the site, a site specific Health and Safety Plan (HASP) which complies with applicable Occupational Safety and Health Administration (OSHA) requirements will be prepared. The site specific HASP will be prepared in accordance with 29 CFR 1910 and will address the following areas:

- Introduction
- Key Personnel/Identification of Health and Safety Personnel
- Task/Operation Safety and Health Risk Analysis
- Personnel Training Requirements
- Personal Protective Equipment
- Frequency and Types of Air Monitoring and Personnel Monitoring
- Site Control Measures
- Decontamination Procedures
- Standard Operating Procedures
- Emergency Response and Contingency Plans
- Hazard Communication Program
- Spill Containment Program
- Confined Space Entry Procedures



SOURCE: USGS ILION, N.Y. QUADRANGLE



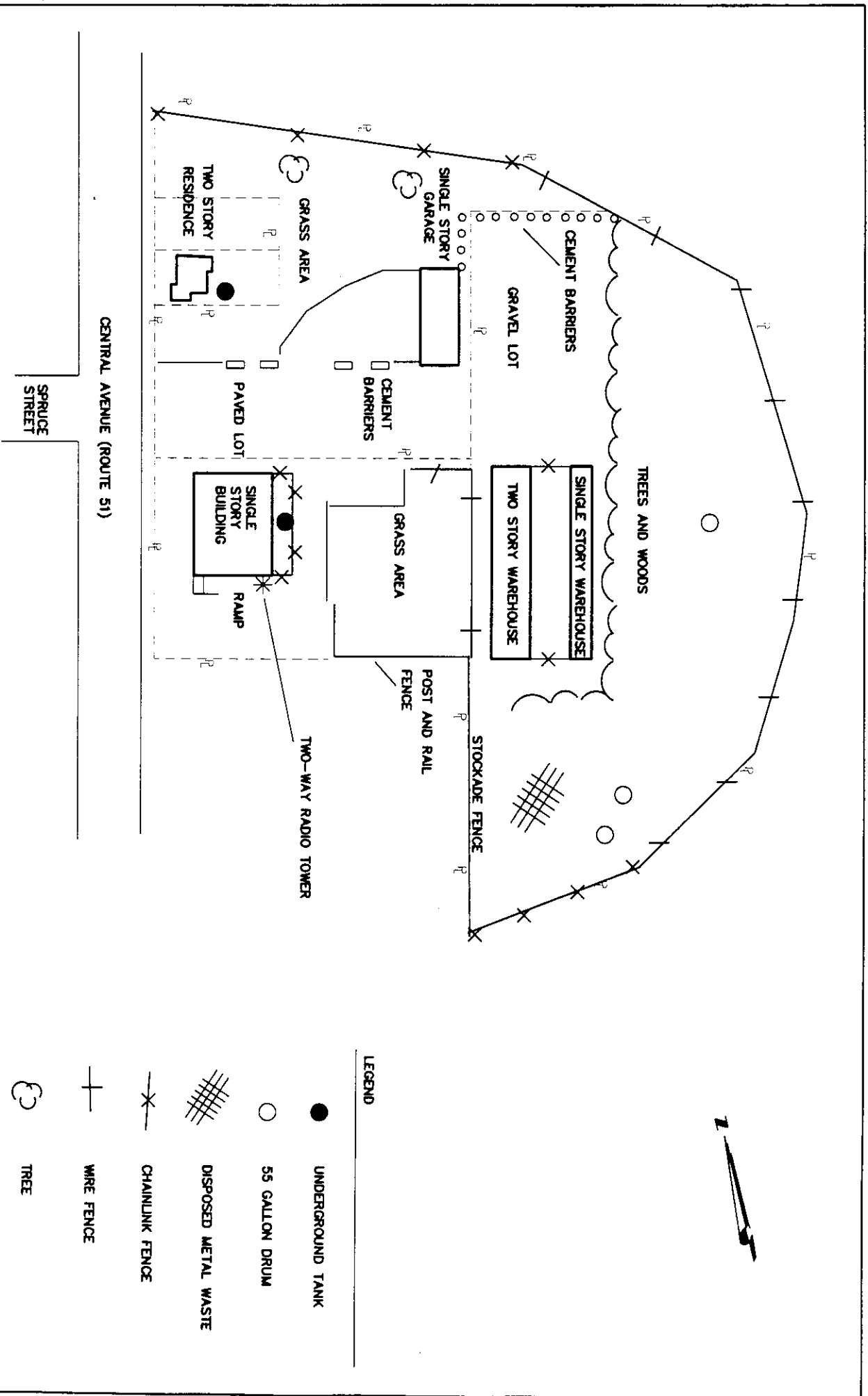
CLOUGH, HARBOUR & ASSOCIATES LLP

ENGINEERS, SURVEYORS, PLANNERS & LANDSCAPE ARCHITECTS

109 SOUTH WARREN ST SYRACUSE, NEW YORK - 13202
315-471-3920

CHA FILE NO. 6201.14.02 SCALE: 1" = 2000'

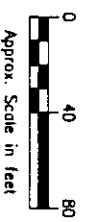
FIGURE 1
SITE LOCATION MAP
166-178 CENTRAL AVE.
ILION, NEW YORK



LEGEND

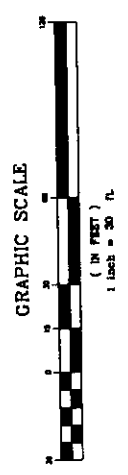
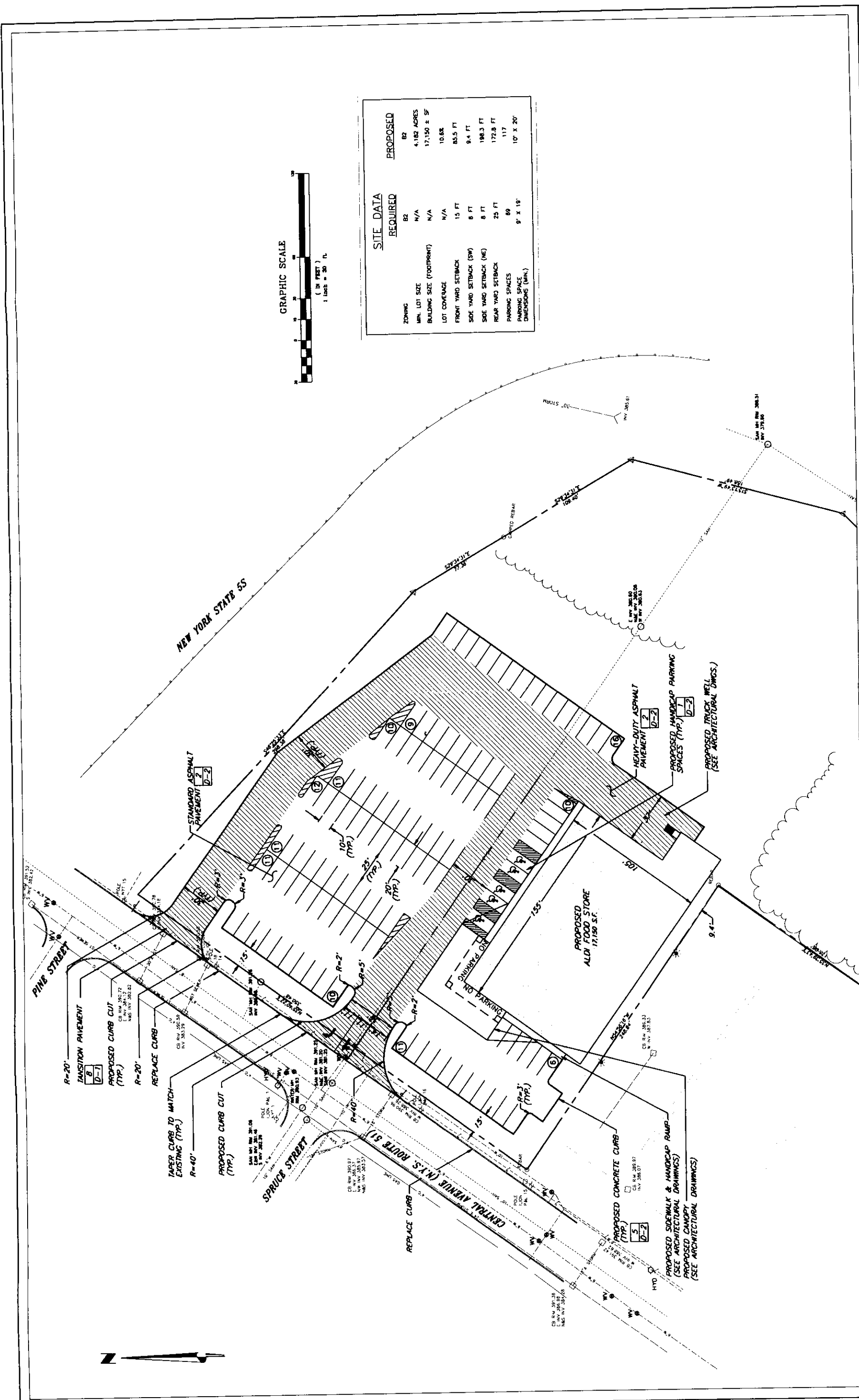
- UNDERGROUND TANK
- 55 GALLON DRUM
- ▨ DISPOSED METAL WASTE
- ✕ CHAINLINK FENCE
- ⊥ WIRE FENCE
- ☁ TREE

ALDI INC.



CHA CLOUGH, HARBOUR & ASSOCIATES LLP
 ENGINEERS, ARCHITECTS, PLANNERS
 & LANDSCAPE ARCHITECTS
 109 SOUTH WARREN ST., SYRACUSE, NEW YORK 13202
 315.471.8920
 CHA Project No. 4201142

166 - 178 CENTRAL AVE
 HENRIETTA COUNTY NEW YORK
 SITE SCHEMATIC
 DATE: MARCH 3, 1997
 DRAWING NO. **FIGURE 2**



| SITE DATA | |
|---------------------------------|-------------|
| REQUIRED | PROPOSED |
| ZONING | B2 |
| MIN. LOT SIZE | 4,182 ACRES |
| BUILDING SIZE (FOOTPRINT) | 17,150 ± SF |
| LOT COVERAGE | 10.8% |
| FRONT YARD SETBACK | 15 FT |
| SIDE YARD SETBACK (SW) | 8 FT |
| SIDE YARD SETBACK (NE) | 8 FT |
| REAR YARD SETBACK | 25 FT |
| PARKING SPACES | 89 |
| PARKING SPACE DIMENSIONS (MIN.) | 9' X 19' |

Drawing No. **FIGURE 3**

VILLAGE OF ILION
HERKIMER COUNTY, STATE OF NEW YORK

ALDI, INC.

SITE PLAN

SCALE: AS SHOWN DATE: APR., 1997

CHA CLOUGH, HARBOUR & ASSOCIATES LLP
ENGINEERS, SURVEYORS, PLANNERS & LANDSCAPE ARCHITECTS

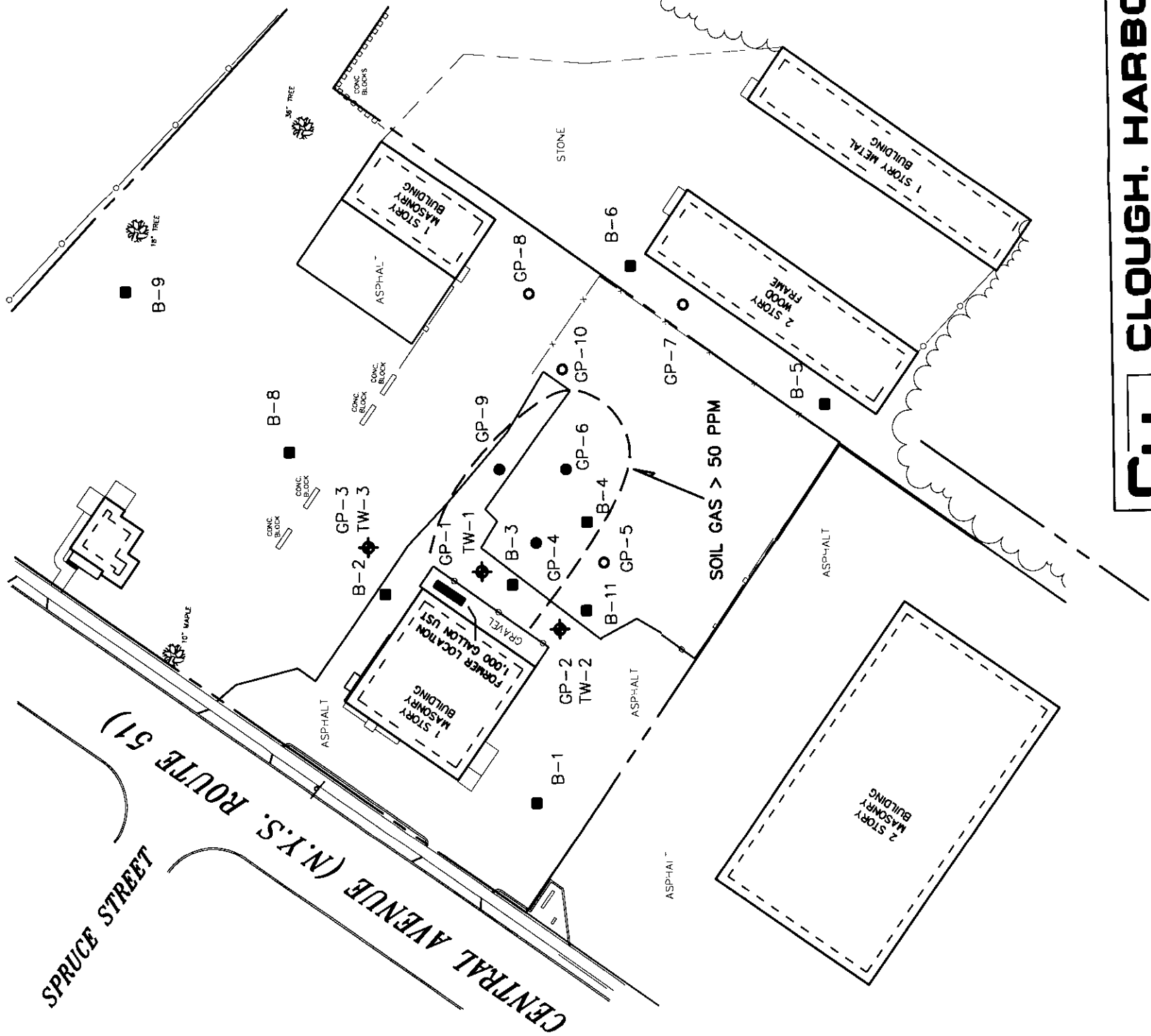
1300 STATE TOWER BUILDING
109 SOUTH WARREN STREET
SYRACUSE, NEW YORK 13202
CHA Project No. 6201

315-471-3920

Prepared By: JWC Date: 4/97
 Drawn By: JWC Date: 4/97
 Checked By: JWC Date: 4/97
 Approved By: JWC Date: 4/97

I hereby certify that the above is a true and correct copy of the original as filed in my office.
 JWC
 JUNE 1, 1997

I hereby certify that the above is a true and correct copy of the original as filed in my office.
 JWC
 JUNE 1, 1997



LEGEND

- B-9 GEOTECHNICAL BORING
- GP-8 GEOPROBE BORING
HNU READING < 50 PPM
- GP-4 GEOPROBE BORING
HNU READING > 50 PPM
- ◆ TW-3 TEMPORARY WELL

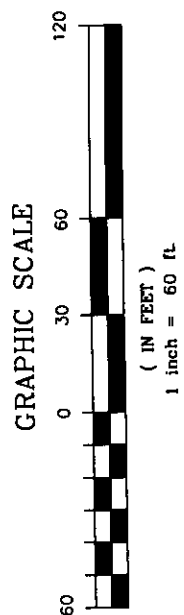
NOTES:

BASED ON MAPPING PREPARED BY
CLOUGH, HARBOUR & ASSOCIATES L.L.P.
FROM A MARCH, 1997 FIELD SURVEY.

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FIGURE 4
GEOPROBE BORING / WELL LOCATION MAP
PROPOSED ALDI LOCATION
166-178 CENTRAL AVENUE ILION, NEW YORK

PROJ. NO. 6201.14.03 DATE: APRIL 1997



SPRUCE STREET
CENTRAL AVENUE (N.Y.S. ROUTE 51)



Drawing No.

FIGURE 5

VILLAGE OF ILION
HERKIMER COUNTY, STATE OF NEW YORK

PROPOSED MONITORING WELL
LOCATION MAP

SCALE: AS SHOWN DATE: APRIL, 1997

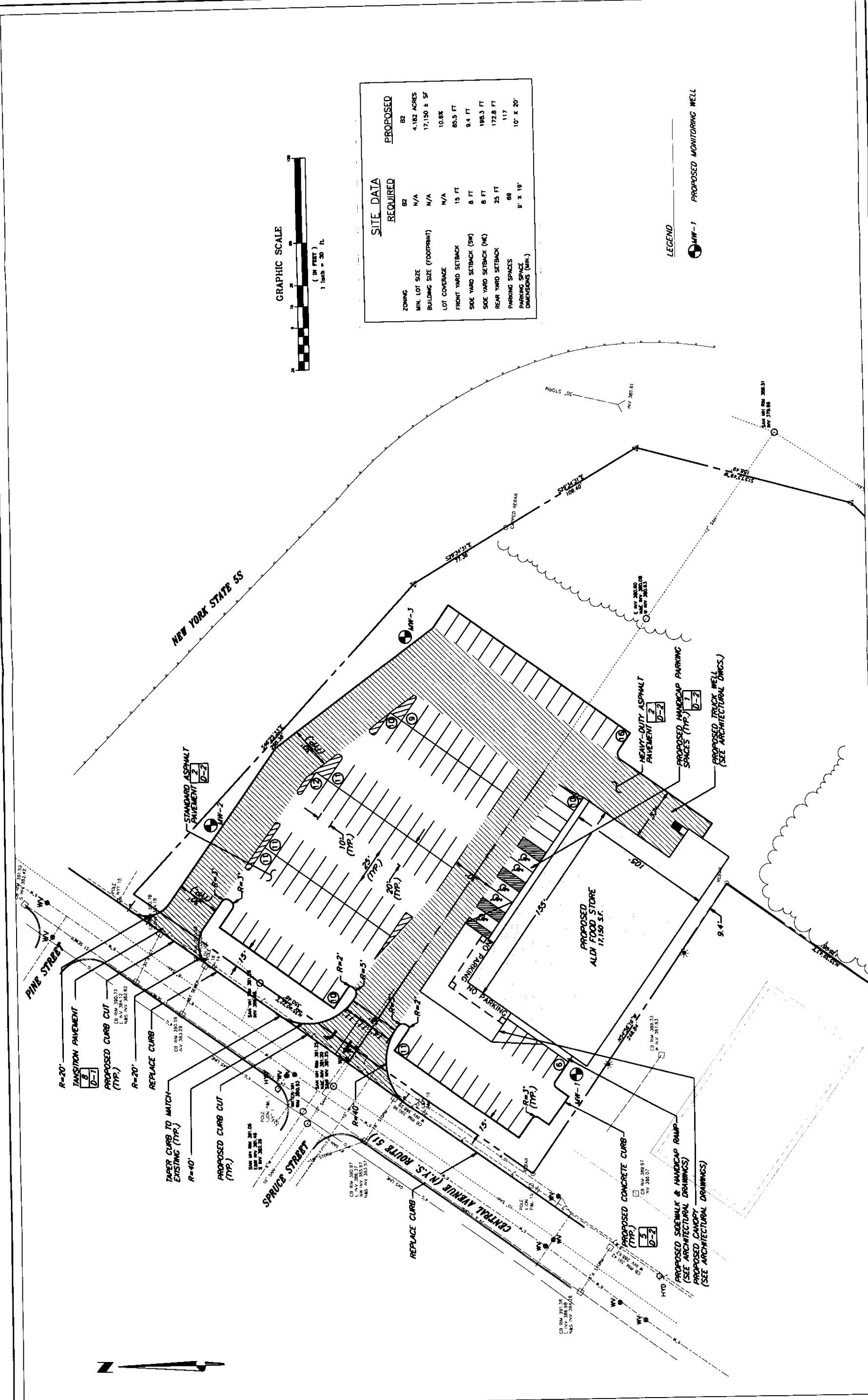
ALDI, INC.

CHA CLOUGH, HARBOUR & ASSOCIATES LLP
ENGINEERS, SURVEYORS & ARCHITECTS
300 STATE POWER BUILDING
309 SOUTH WARREN STREET
SYRACUSE, N.Y. 13202
315-471-3920
C-14 Project No. 690



Designed By: JHC Date: 4/97
Drawn By: JHC Date: 4/97
Checked By: JHC Date: 4/97

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| SITE DATA | |
|---------------------------------|-------------|
| ZONING | B2 |
| MIN. LOT SIZE | 4,182 ACRES |
| BUILDING SIZE (FOOTPRINT) | 17,150 ± SF |
| LOT COVERAGE | 10.8% |
| FRONT YARD SETBACK | 85.5 FT |
| SIDE YARD SETBACK (SW) | 9.4 FT |
| SIDE YARD SETBACK (NE) | 188.3 FT |
| REAR YARD SETBACK | 172.8 FT |
| PARKING SPACES | 117 |
| PARKING SPACE DIMENSIONS (MIN.) | 8' X 19' |
| REQUIRED | PROPOSED |
| BZ | N/A |
| N/A | N/A |
| N/A | N/A |
| 15 FT | 15 FT |
| 8 FT | 8 FT |
| 8 FT | 8 FT |
| 25 FT | 25 FT |
| 60 | 117 |
| 8' X 19' | 10' X 20' |



LEGEND
● MW-1 PROPOSED MONITORING WELL

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

**166-178 CENTRAL AVENUE
TOWN OF ILION, NEW YORK**

Prepared For:

**ALDI, INC.
PO Box 584
Tully, NY 13159**

March 5, 1996

CHA Project No. 6201.14.02

Prepared By:

**CLOUGH, HARBOUR & ASSOCIATES LLP
ENGINEERS, SURVEYORS, PLANNERS
& LANDSCAPE ARCHITECTS
109 South Warren Street, Suite 1300
Syracuse, New York 13202
(315) 471-3920**

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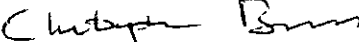
QUALIFICATIONS STATEMENT

This Phase I Environmental Site Assessment was performed by a qualified scientist(s) and/or engineer(s) employed by Clough, Harbour & Associates LLP (CHA). CHA, a full service engineering consulting firm with offices throughout the Eastern United States, has the resources and the capabilities to perform Phase I Environmental Site Assessments. The individuals responsible for the preparation of this report meet the definition of an *Environmental Professional* as defined by Section 3.3.11 of the American Society for Testing and Materials (ASTM) Practice 1527.

ESA Prepared By:

Michael Roux
Environmental Scientist I

ESA Performed By:

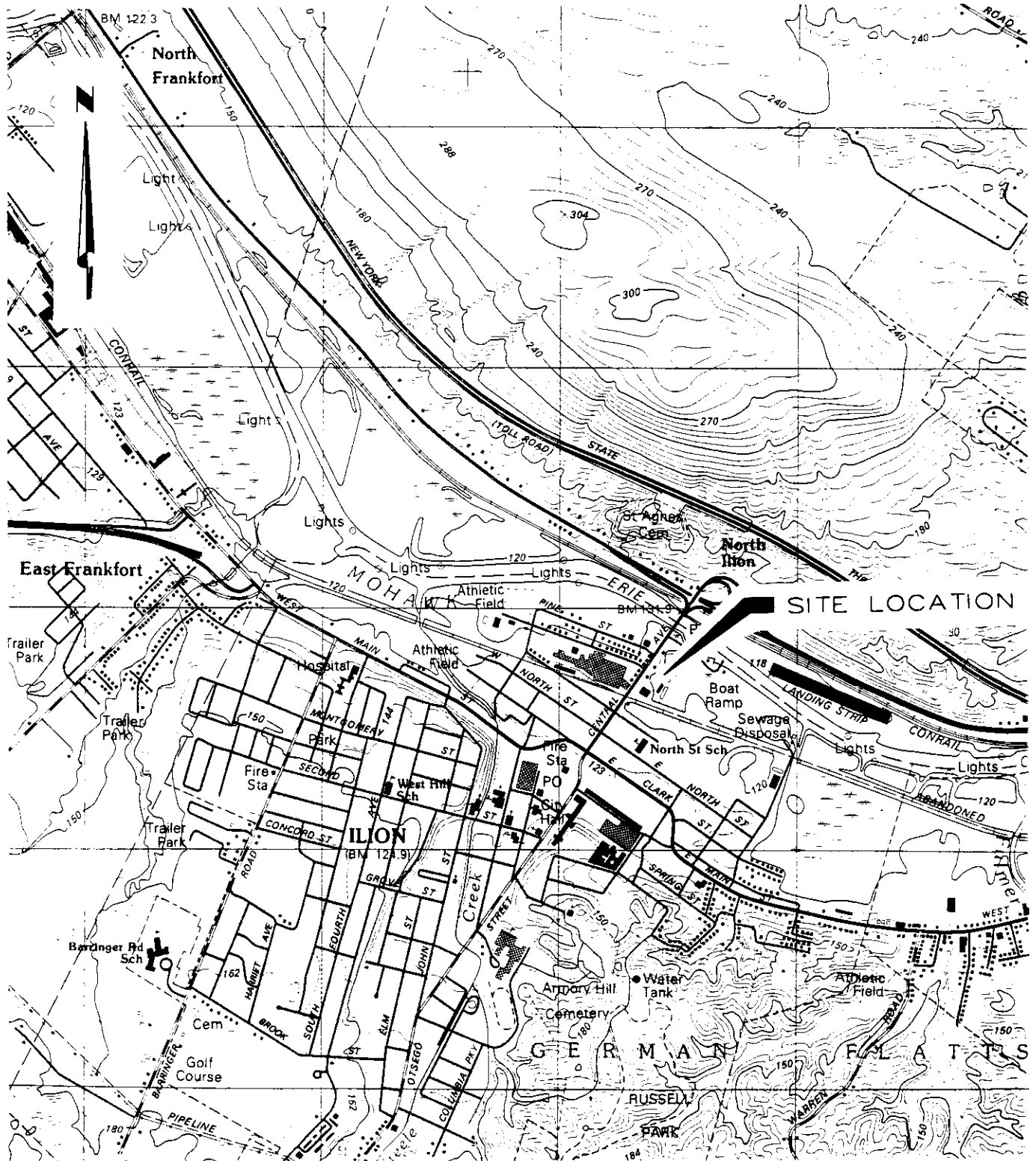

Christopher Burns Ph.D., P.G.
Principal Scientist

1.0 INTRODUCTION

Clough Harbour & Associates LLP (CHA) was retained by Aldi, Inc. to perform a Phase I Environmental Site Assessment (ESA) of a subject site composed of five adjoining parcels located at 166 - 178 Central Avenue, in the Town of Ilion, Herkimer County, New York (Figure 1). At the time of the Phase I ESA, the separate parcels comprising the subject site served as commercial and residential properties. The purpose of this Phase I ESA was to identify recognized environmental conditions, as defined by *American Society for Testing and Materials* (ASTM) Practice E 1527, in connection with the subject site.

The term recognized environmental conditions is defined by ASTM as the presence or likely presence of any hazardous substance 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 is not intended to include de minimis 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 the appropriate regulatory agencies.

This *Phase I ESA Report* has been prepared by CHA to provide a general description of the subject site, any structures occurring thereon, and the site vicinity; discuss the current and historical usage of the property; and identify the presence or absence of recognized environmental conditions in connection with the lease parcel based upon the results of a historical and regulatory records review, interviews and a thorough site inspection.



SOURCE: USGS ILION, N.Y. QUADRANGLE



CLOUGH, HARBOUR & ASSOCIATES LLP

ENGINEERS, SURVEYORS, PLANNERS & LANDSCAPE ARCHITECTS

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 315-471-3920

CHA FILE NO. 6201.14.02 SCALE: 1"=2000'

FIGURE 1
SITE LOCATION MAP
 166-178 CENTRAL AVE.
 ILION, NEW YORK

2.0 SCOPE OF WORK

The major components of this Phase I ESA included the review of available regulatory and historical information for the subject site and surrounding properties, interviews with the current property owner/occupant and local government officials, a thorough site inspection of any on-site buildings and grounds, and reconnaissance of the site vicinity. The following subsections present a detailed outline of the scope of work performed for this Phase I ESA.

2.1 HISTORICAL REVIEW

This component involved the review of standard historical sources to develop a history of the previous uses or occupancies of the property and surrounding area in order to identify those uses or occupancies that are likely to have led to recognized environmental conditions in connection with the subject site. Where reasonably ascertainable concerning the required project schedule, the following standard historical sources were consulted to identify uses of the property from 1940 to the present:

- Available Aerial Photographs
- Property Tax Files
- Recorded Land Title Records
- USGS 7.5 Minute Topographic Maps
- Local Street Directories
- Building Department Records
- Zoning/Land Use Records

Furthermore, at least one of the above listed historical sources was consulted to investigate past uses of the site prior to 1940 until the time at which the property was not yet developed. The historical usage of properties in the surrounding area was also researched as part of this review.

2.2 REGULATORY RECORD SEARCH

A review of Local, State and Federal record sources relating to the presence or occurrence of facilities or spills involving solid and hazardous waste and petroleum products on the subject site and/or properties occurring within the approximate minimum search distances established in ASTM Practice E-1527 was performed. State and Federal record sources were reported by the Environmental Risk Imaging and Information Service (ERIIS), and included the following:

- Federal NPL Report
- Federal CERCLIS List
- Federal List of No Further Remedial Action Planned Sites
- Federal RCRA TSD List
- Federal RCRA Hazardous Waste Generators List
- Federal ERNS List
- State List of Inactive Hazardous Waste Sites
- State List of Solid Waste Facilities
- State List of Leaking Storage Tanks
- State List of Chemical and Petroleum Bulk Storage Tanks
- State List of Major Oil Storage Facilities
- State List of Spills

2.3 INTERVIEWS

Reasonable attempts were made to conduct interviews with the property owner and occupant, as well as local government officials for the purpose of obtaining information indicating recognized environmental conditions in connection with the subject site.

2.4 SITE INSPECTION

A thorough site inspection of the property was conducted to identify visible environmental concerns such as:

- current and past use of the property and adjoining parcels
- the physical setting of the site including a general description of structures and improvements on the site
- waste water and storm water discharges
- on-site septic systems
- evidence of hazardous waste or petroleum product generation, storage, treatment, or disposal
- strong or noxious odors
- pools of liquid
- drums or barrels
- evidence of PCBs
- drains or sumps
- pits, ponds or lagoons
- stained soils and surfaces
- stressed vegetation
- improper disposal of solid waste
- potential for asbestos-containing materials
- potential for lead paint

2.5 ADDITIONAL SERVICES

No additional services were provided in association with this Phase I ESA. This Phase I ESA did not include the execution of: pressure testing of any discovered or undiscovered USTs; analytical testing for lead-based paint or potential asbestos containing building materials; penetrative or surface geophysical investigations, or the collection and analysis of groundwater or surface water samples for the purposes of characterizing physical or chemical conditions existing within the subsurface of the site. It should be noted however that CHA completed a geotechnical soils investigation of the site during the time period this ESA was being written. Relevant information from that investigation will be presented in Section 6.3.

3.0 SITE DESCRIPTION

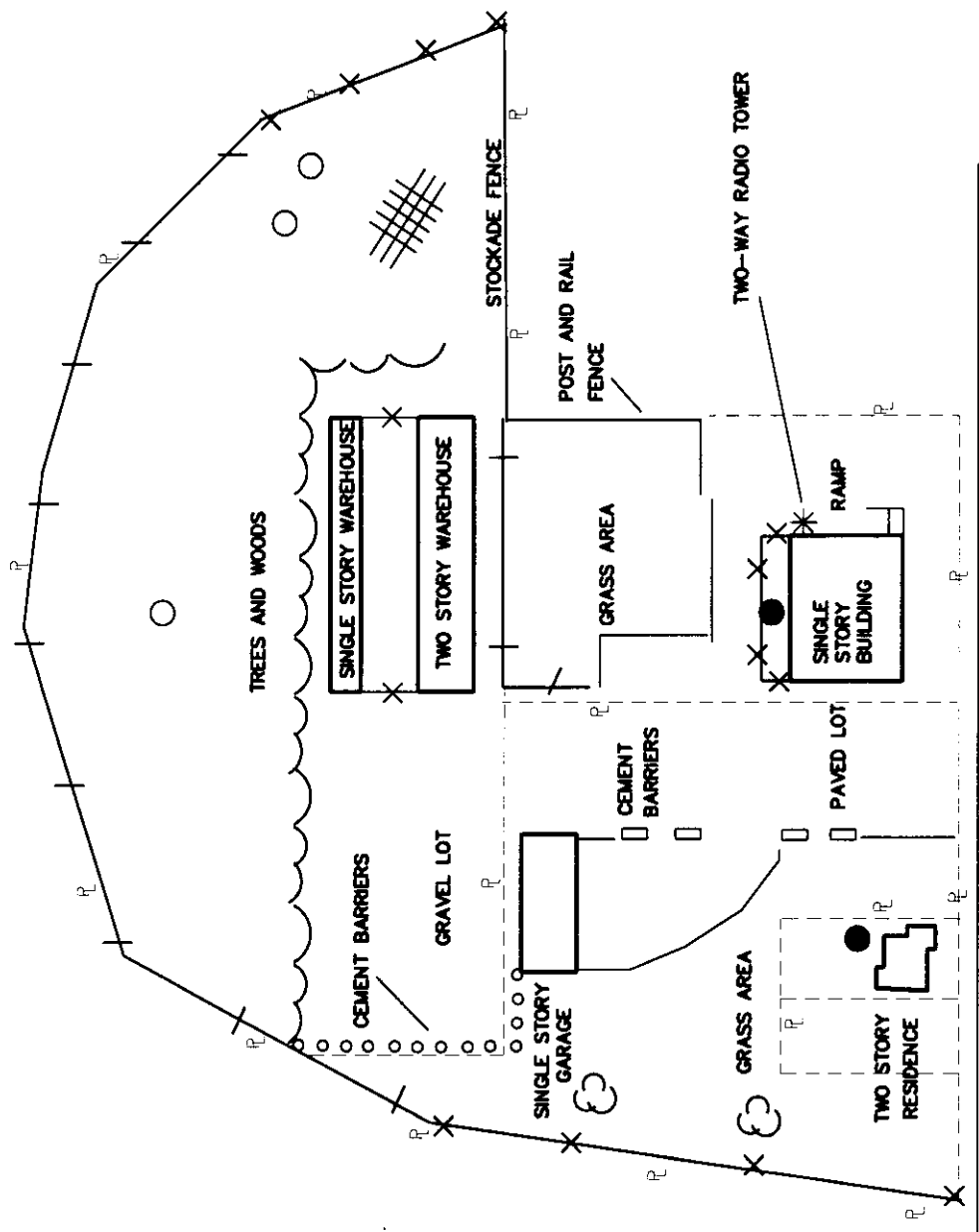
3.1 GENERAL

Clough Harbour & Associates LLP (CHA) was retained by Aldi, Inc. to perform a Phase I Environmental Site Assessment (ESA) of a site composed of five adjoining parcels located at 166 - 178 Central Avenue, in the Town of Ilion, Herkimer County, New York (Figure 1). At the time of the Phase I ESA, the separate parcels comprising the subject site served as commercial and residential properties. These properties are described below.

The eastern portion of the subject site is 168 Central Avenue. The tax map number for this parcel is 120.29-1-4. This parcel is 2.2 ± acres and includes two buildings, a gravel parking lot and a wooded area. The first building is a vacant two story wood frame warehouse with a pitched roof. This building is approximately 4400 ft² and in poor condition. It was previously used to store plumbing supplies. On site utilities include gas for heat as well as electric and telephone service. The building is serviced by Herkimer County Sewer and the Village of Ilion municipal water supply. The second structure is a vacant single story wood-framed building with corrugated metal roofing and siding sitting on a concrete slab foundation. It is approximately 3100 ft² in size and in good condition. This building has electric service only. A portion of the gravel parking lot is being used to store overhead door parts.

The southwestern portion of the subject site is 166 Central Avenue. The tax map number for this parcel is 120.29-1-6. This parcel is 0.7 ± acres and includes one building, a paved parking area and a grass yard. This building is a single story commercial building constructed of cement blocks with a flat roof. Currently rented by Kane Overhead Doors this building is approximately 3600 ft² and in good condition. It uses oil for heat, has electric and telephone utilities and is serviced by Herkimer County Sewer and the Village of Ilion municipal water supply.

The northwestern portion of the subject site has two parcels both 0.09 ± acres in size. One parcel identified as 178 Central Avenue, is a vacant lot being used as a parking area for 176 Central Avenue.



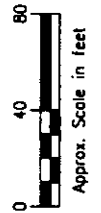
LEGEND

- UNDERGROUND TANK
- 55 GALLON DRUM
- ▨ DISPOSED METAL WASTE
- ⊗ CHAINLINK FENCE
- ⊥ WIRE FENCE
- ☉ TREE

CENTRAL AVENUE (ROUTE 51)

SPRUCE STREET

ALDI INC.



CHA
CLOUGH, HARBOUR & ASSOCIATES LLP
 ENGINEERS, SURVEYORS, PLANNERS & LANDSCAPE ARCHITECTS
 109 SOUTH WARREN ST. SYRACUSE, NEW YORK 13202
 315-471-3920
 CHA Project No. 60811402

166 - 178 CENTRAL AVE
 HERKIMER COUNTY NEW YORK
 TOWN OF LUCH
SITE SCHEMATIC

Sheet No
FIGURE 2
 SHEET 1 OF 1

SCALE: 1" = 80' DATE: MARCH, 3 1997

The tax map number for this parcel is 120.29-1-08. The second of these two parcels is 166 Central Avenue. This parcel includes one building and a grass yard. This building is a two story, wood framed residence with a pitched, shingled roof. The building is approximately 900 ft² in size and in fair condition. It uses oil for heat, has electric, gas and telephone utilities and is serviced by Herkimer County Sewer and the Village of Ilion municipal water supply. The tax map number for this parcel is 120.29-1-6.

The center of the subject site is an irregularly shaped parcel approximately 1.2 ± acres in size. This parcel does not have a street address. This parcel includes a grass yard, a paved and gravel driveway and a four stall garage. This garage is constructed of cement blocks and has a flat roof. Two of the stalls are open to each other and are used to store garage door parts for Kane Overhead Doors. This section is not heated. A third stall has been set up as an office for Projectrac Corporation, the owners of the property. The fourth stall is used to store a trailer and tools owned by the site owner. These two stalls only are heated with oil and are serviced by telephone, Herkimer County Sewer and the Village of Ilion municipal water supply. The entire garage has electric service. The tax map number for this parcel is 120.29-1-2.

3.2 NEIGHBORING PROPERTIES

Land use in the site vicinity is characterized by a mixture of residential, commercial, industrial and undeveloped wooded properties. To the north of the subject site is New York State Route 5S. An exit ramp from Route 5S to New York State Route 51 encircles the property to the north and east. Further to the north is the Mohawk River, New York State Route 5, the New York State Thruway. Beyond the New York State Thruway is an undeveloped, wooded hillside. To the east of the subject site, beyond the off ramp for Route 5S, are playing fields associated with an elementary school. To the west of the subject site is Central Avenue (New York State Route 51) with a small residential and industrial area beyond. Directly to the south of the subject site is a bank and the off ramp for Route 5S. Further to the south is the village of Ilion with residential and commercial properties as well as the Remington Arms Co Inc. manufacturing plant.

3.3 SITE TOPOGRAPHY

The topography of the subject site is generally flat. The subject site has an elevation of approximately 120 meters above mean sea level (AMSL).

3.4 SITE GEOLOGY AND HYDROLOGY

Based on a review of the *Soil Survey of Herkimer County, New York, Southern Part*, the subject property is classified as containing Cut and Fill land and Cohoctah Series soils (Cu) and (Co). Cut and Fill land consists of nearly level to steep areas of soil material recently disturbed by man. These areas mainly along the New York State Thruway consists of material that has not been in place long enough for soil profile development to take place. Cohoctah Series soils located along the northern edge of the subject site are deep, poorly drained and very poorly drained, medium textured soils. These soils were formed in recent alluvium that was deposited in old river channels on flood plains.

Based upon a review of the *Surficial Geologic Map of New York - Hudson Mohawk Sheet* (1987), overburden on-site consists of recent deposits. These deposits are characterized as generally confined to floodplains within a valley. They are composed of fine sand to gravel. In some larger valleys these areas are overlain by silt. The subject site is underlain by glacial and alluvial deposits with an unknown bedrock according to the *Geologic Map of New York - Hudson Mohawk Sheet* (1970).

A drainage swale is located along the northern, eastern and a portion of the site's southern perimeter. This swale was created to collect stormwater runoff from the Route 5S ramp. Stormwater collected near the edges of the subject site drains towards this swale. Stormwater collecting on other portions of the subject site, especially in the center, appears to pond. Based upon topographic mapping of the area, regional groundwater on the site is expected to be to the north toward the Mohawk River. Local variations in groundwater flow, however, may be present in the site vicinity.

3.5 WETLANDS

Examination of the *New York State Freshwater Wetlands Map* Ilion Quadrangle (1973) indicates that there are no mapped wetlands on the subject site. The nearest mapped wetland is approximately 1000 feet to the east of the subject site.

4.0 HISTORICAL REVIEW

4.1 RECORDED LAND TITLE RECORDS

The title of Abstract for the five tax parcels included in the subject site was provided to CHA by the client. A review of this Abstract was conducted to establish current and past property ownership and to identify past uses which may have had an environmentally detrimental impact on the property. Title records were traced from 1937 to the present. The subject site is currently owned by two corporations, Projectrac Corp. and Northrup Supply Co. Two of the current tax parcels was purchased at the same time and are listed under the same deed.

Tax Parcels 120.29-1-02 and 120.29-1-06 are considered to be 166 Central Avenue. The current title holder of this property is Projectrac Corp. according to the Herkimer County Real Property Tax Office. The most recent deed however lists the owners as Martin and Helen Green who purchased the property from Conrad Klipple in August 1937 (Book 326: page 24). The title of Abstract does not indicate who Mr. Klipple purchased the property from however, there was an easement on the property granted by Mr. Klipple in 1923.

Tax parcel 120.29-1-04 is 168 Central Avenue. The current owner of the property is Northrup Supply Co. who purchased the property in two parcels from Martin and Helen Green in March 1946 (Book 368: page 493) and December 1946 (Book 384: page 534). Martin and Helen Green purchased the property from Conrad Klipple in August 1937.

Tax parcel 120.29-1-7 is 176 Central Avenue. The current owner of the property is Projectrac Corp. according to the Herkimer County Real Property Tax Office. The most recent deed however lists the owners as Martin Green and Sons, Inc. who purchased the property from Ira and Lola Jones as executors for the estate of Kathleen Sandell. Kathleen and Harold Sandell purchased the property from Manufacturers National Bank in January 1946.

Tax parcel 120.29-1-8 is 178 Central Avenue. The current owner of the property is Projectrac Corp. according to the Herkimer County Real Property Tax Office. The most recent deed however lists the owners as Martin Green and Sons, Inc. who purchased the property from Harold Hitchcock and Betty Speece in November 1971 (Book 618: page 463). Harold Hitchcock and Betty Speece acquired the property from Lydia S. Joesbury in August 1970.

4.2 AERIAL PHOTOGRAPHS

Available aerial photographs from 1960, 1969 and 1991 were reviewed at the Herkimer County Soil Conservation Service in Herkimer, New York to provide information concerning the history of development of the subject site and surrounding area. The 1960 photograph shows that the subject site includes seven buildings. There is one building in the northwest corner of the property that is surrounded by trees. This building appears to be the two story residence that is currently on the subject site at 176 Central Avenue. Two buildings are located in the northeast corner of the subject site, one in the current location of the four stall storage garage and another behind this building and further to the east. Two buildings are located in the southwest corner of the subject site, one in the current location of Kane Overhead Doors at 166 Central Avenue and another smaller building further to the east and behind the larger building. Two large and elongated buildings are in the southeast corner of the subject site. They appear to be the two plumbing supply warehouses that are currently on the property at 168 Central Avenue. This photograph shows that the surrounding areas are similar to existing conditions with two exceptions, New York State Route 5S has not yet been built to the north of the subject site a small agricultural area is located directly east of the subject site.

The 1969 photograph is similar to the 1960 photograph with respect to the subject site. The surrounding areas are similar as well, with the only difference being the small agricultural areas to the east are now overgrown.

The 1991 photograph indicates that the small building behind the larger building located at 166

Central Avenue has been removed. In addition most of the trees at the western end of the property are no longer present. The surrounding areas are slightly more developed along Route 51 and the off ramp for Route 5S has been constructed and encircles the property.

4.3 LOCAL HISTORICAL INFORMATION

The 1868 Atlas of Herkimer County, maintained by the Herkimer County Clerk's Office indicates that the area in the vicinity of the subject site was listed as Lot 11 and owned by a "J.M." The residence of J.M. was not on the property. The 1906 Atlas of Herkimer County, maintained by the Herkimer County Clerk's Office indicates that Central Avenue was named Railroad Street. A parcel that includes the subject site was listed as being owned by Mrs. Hoefler however, there were no buildings on the subject site or adjacent areas.

4.4 SANBORN FIRE INSURANCE MAPS

CHA conducted a search for Sanborn Fire Insurance Maps through ERIIS. The maps help to identify the historical uses of a site. CHA received Sanborn Fire Insurance Maps concerning the subject site for the years 1925, 1950 and 1959. These maps however, only cover 166 Central Avenue and 168 Central Avenue. The Sanborn coverage does not extend to the north of a proposed Spruce Road extension. This line bisects the subject site. The Sanborn Fire Insurance Maps are included in appendix A.

The 1925 map indicates that there were no buildings located at 166 Central Avenue. A storage building is located to the east of the parcel and is apparently owned by a feed store located at 150 Central Avenue.

The 1950 map shows that the storage building indicated in the 1925 map is now listed as 168 Central Avenue and is owned by Northrup Supply Co. A second smaller storage building is located adjacent to the larger building and to the east. These buildings appear to be the same buildings that are currently on the subject site. The 1950 map also indicates that a building has been constructed at 166 Central Avenue and is being used as a filling station. There are three gasoline tanks associated with this filling station located to the north and east of

the building. A second smaller building and three aboveground storage tanks are located to the east behind this filling station. These tanks are labeled as being used for kerosene and fuel oil.

The 1959 map indicates that 168 Central Avenue is similar to the 1950 map. The filling station located at 166 Central Avenue has expanded almost doubling its floor space however, the three gasoline tanks are no longer indicated on the map. Three aboveground storage tanks used for kerosene and fuel oil are still present however, the small building located to the east behind the filling station is absent.

4.5 STREET DIRECTORIES

Ilion street directories from 1929 to the present were reviewed at the Ilion Public Library to provide information concerning the history of use of the subject site. The subject site is currently broken into five separate tax parcels however, the street directory listed only four separate addresses for the subject site, 166 Central Avenue, 168 Central Avenue, 176 Central Avenue and 178 Central Avenue.

Street Directories indicated that prior to 1929 there was no listing for 166 Central Avenue. Sometime between 1929 and 1936, Green and Sons Service Station opened and remained at 166 Central Avenue until it became Green and Sons Inc. Fuel Oil sometime between 1966 and 1968. Listings for 166 Central Avenue remained Green and Sons Inc. Fuel Oil until 1992, when it listing became Agway Energy Products. The 1995 and 1996 street directory list 166 Central Avenue as being vacant, although the current occupants operate a garage door installation business. In addition, sometime between 1949 and 1951 Speeding Dan's Oil Burner Service and Green's Trailer Camp with nine tenants was listed as being at 166 Central Avenue with Green and Sons Service Station. Green's Trailer Camp was no longer listed in 1957 and Speeding Dan's Oil Burner Service was not listed in 1958.

Directories indicated that 168 Central Avenue was vacant prior to at least 1938. From 1942 to 1972, 168 Central Avenue was listed as Northrup Plumbing Supply. After 1972, 168 Central Avenue was listed as being vacant.

In 1929 there were two single family residences listed on the subject site, one at 176 Central Avenue and one at 178 Central Avenue. The residence at 178 Central Avenue was listed in the street directories with various occupants until 1974 after which it was no longer listed. The single family residence at 176 Central Avenue was listed with various occupants from 1929 to the present.

4.6 BUILDING AND FIRE DEPARTMENT RECORDS

The Town of Ilion Building Inspector and Fire Chief Mr. Karl Tripple was interviewed with respect to information relative to the subject site and the occurrence of recognized environmental conditions thereon. Mr. Tripple had no direct knowledge and could find no records of any recognized environmental conditions associated with the subject site.

5.0 RECORDS REVIEW

Standard State and Federal record sources for the subject site and the properties occurring within the approximate minimum search distances established in ASTM Practice E-1527 were reported by the Environmental Risk Information and Imaging Service (ERIIS). The following sections discuss the results of this record search, while the entire ERIIS report is presented in Appendix B.

5.1 STATE AND FEDERAL RECORDS

5.1.1 Inactive, Uncontrolled or Abandoned Hazardous Waste Sites

The subject site does not appear on the USEPA National Priorities List (NPL) of hazardous waste sites (December 1996). No other sites within the minimum search distance of 1.0 mile from the subject site appear on the NPL.

Review of the USEPA Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) database (December 1996) indicated that no known or suspected uncontrolled or abandoned hazardous waste sites are located on the subject site. Further review of the database indicated that there is one known or suspected uncontrolled or abandoned hazardous waste site less than 0.25 miles from the subject site. This facility is described below:

- *Sperry Univac* located at 7 Spruce Street 0.167 miles to the northwest of the subject site. This facility was last inspected in 1990 and no funding is indicated for the current year. This site is located cross gradient from the subject site.

Review of the No Further Remedial Action Planned (NFRAP) Report (December 1996) indicated that no NFRAP sites are located on the subject site or within a 0.5 mile radius of the subject site.

Further review indicated that there are two NFRAP facilities that are considered unplottable. The addresses for these sites could potentially be within the minimum search distance of 0.5 miles from the subject site. These facilities are described below:

- *Sperry Univac* located on Clark Street. This facility is potentially located up-gradient from the subject site.
- *Sperry Univac* located on Main Street. This facility is potentially located up-gradient from the subject site.

Review of the New York Inactive Hazardous Waste Disposal Site list (April 1996) indicates that no hazardous waste sites exist on the subject site or within a minimum search distance of 1.0 mile from the subject site.

5.1.2 Hazardous Waste Treatment, Storage and Disposal Facilities

Review of the RCRA Treatment, Storage and Disposal Facilities (TSDF) Report (May 1996) indicated that no such facilities exist on or within a 1.0 mile radius of the subject site.

Further review indicated that there is one TSDF facility that is considered unplottable. The address for this site could potentially be within the minimum search distance of 1.0 mile from the subject site. This facility is described below:

- *Remington Arms Co Inc.* located on Clark Street. This facility is not reported in RAATS however, it was assigned a low corrective action priority in August 1995. This facility is potentially located up-gradient from the subject site.

5.1.3 Hazardous Waste Generators

Review of the USEPA Resource Conservation and Recovery Information System (RCRIS) list of small and large quantity hazardous waste generators (May 1996) indicates that no such sites are located on the subject property. Further review of this database indicates that there is one large quantity hazardous waste generator and one small quantity hazardous waste generator less than 0.25 miles from the subject site. These facilities are described below:

- *Palermo Metal Products Inc* located at 143 Central Avenue 0.106 miles to the southwest of the subject site. This facility is a large quantity hazardous waste generator. This facility has no listed violations and is not reported in the RCRA Administrative Action Tracking System (RAATS).
- *Duofold Inc* located at 7 Spruce Street 0.167 miles to the southwest of the subject site. This facility is a small quantity hazardous waste generator. This facility has no listed violations and is not reported in the RCRA Administrative Action Tracking System (RAATS).

5.1.4 Petroleum and Chemical Storage Tanks/Facilities

Review of the New York Petroleum Bulk Storage (PBS) Tank Report (September 1996) indicated that there is one PBS facility located on the subject property. This facility is described below:

- *Martin Green and Sons, Inc.* located at 166 Central Avenue was a storage terminal and petroleum distributor. This facility is currently inactive and at one time had five tanks including three 20,000 gallon aboveground fuel oil tanks and two 10,000 gallon aboveground kerosene tanks. All five tanks were closed and removed. There are no violations or spills reported for this site.

Further review of the PBS database indicates that there are three petroleum bulk storage facilities located within 0.25 miles from the subject site. These facilities are described below:

- *Ilion Nice N Easy* located at 114 Central Avenue, 0.034 miles to the southwest of the subject site. This facility has five active tanks including a 10,000 gallon underground gasoline tank, two 6,000 gallon underground gasoline tanks and two 4,000 gallon underground tanks used for kerosene and diesel fuel. All five tanks were installed in 1990. This facility is located up-gradient from the subject site however, there are no violations or spills reported.
- *Duofold, Inc.* located at 7 Spruce Street, 0.167 miles to the southwest of the subject site. This facility is listed as being active, with one temporarily out of service 30,000 gallon aboveground fuel oil tank. This facility is located cross gradient from the subject site. There are no violations or spills reported for this facility.
- *JC's Convenience Center* located at 20 Central Avenue, 0.215 miles to the southwest of the subject site. This facility is listed as being active, with two 10,000 gallon underground gasoline tanks. In addition there are three 6,000 gallon underground gasoline tanks that are now closed. There is no indication that these tanks have been removed. There are no violations or spills reported for this facility.

In addition there are two PBS facilities that are considered unplottable. The addresses for these sites could potentially be within the minimum search distance of 0.25 miles from the subject site. These facilities are described below:

- *Village of Ilion Marina* located on Marina Road. This facility includes two 2,000 gallon underground storage tanks used for gasoline and diesel fuel. This facility has no reported spills or violations and is located down gradient from the subject site.

- *C.P. Craska, Inc.* located on Spruce Street Extension. This facility is active and contains one 3,000 gallon aboveground diesel fuel tank. In addition this facility previously contained one 2,000 gallon underground diesel fuel tank and one 1,000 underground diesel fuel tank. Both underground storage tanks have been removed. This site is located cross gradient from the subject site and has no reported spills or violations.

Review of the New York Chemical Bulk Storage (CBS) Report (September 1996) indicated that no CBS facilities are located on or within a 0.25 mile radius of the subject site.

Review of the New York Major Oil Storage Facilities Report (September 1996) indicated that no facilities with petroleum storage capacities in excess of 400,000 gallons exist on the site or within a 0.25 mile radius of the subject site.

5.1.5 Hazardous Substance and Petroleum Releases

A review of the Emergency Response Notification System (ERNS) (August 1996) indicated that there have been no sudden or accidental releases of hazardous substances or petroleum reported on the subject site between January 1, 1996 and August 22, 1996

A review of the New York Spills Report (August 1996) indicated that no spills have been reported on the subject site. Further review of this database indicated that one spill was reported within the minimum search radius of 0.25 miles from the subject site. This facility is described below:

- *Ilion Bonfare* located at 20 Central Avenue, 0.215 miles to the southwest of the subject site is reported to have had a petroleum spill in March 1990. This spill is reported to have affected the groundwater. This facility is located up-gradient from the subject site.

According to the New York Leaking Storage Tanks Report (LRST) (August 1996), there are

no leaking storage tank sites reported on the subject site. Further review of the database indicates that there is one LRST facility located within the minimum search radius of 0.5 miles from the subject site. This facility is described below:

- *Ilion DPW* located at 125 East State Street, 0.427 miles to the southeast of the subject site. This petroleum spill occurred in April, 1990 and affected the groundwater. This site is located cross gradient from the subject site.

5.1.6 Active Solid Waste Facilities

Review of the New York State Solid Waste Facility (SWF) Register (June 1996) indicated that no active solid waste facilities occur on the subject site or within a minimum search distance of 0.25 miles from the subject site.

6.0 SITE INSPECTION

On February 20, 1996 CHA conducted a comprehensive inspection of the subject site located at 166 Central Avenue, 168 Central Avenue, 176 Central Avenue and 178 Central Avenue in the Town of Ilion, New York. During the site inspection, a site inspection checklist was completed (Appendix C) and photographs of the site were taken (Appendix D). It should be noted that during the site inspection some areas of the subject site were covered with several inches of snow.

During the site inspection Mr. Mark Green and Mr. Bruce Ward were interviewed with respect to the subject property. Mr. Green informed me that he is the son of the current site owner and an officer of Projectrac Corp. a company that rents a portion of the property. Mr. Ward is the broker that was representing Northrup Supply Co. Mr. Green informed me that at one time there were two additional buildings on the property. Both buildings were used for storage, one for the plumbing supply company and one for 166 Central Avenue. In a later interview Mr. Green informed CHA that the property was once used as a bulk fuel oil distributor. All of the storage tanks for this operation were aboveground storage tanks and to his knowledge there were never any leaks or spills. Mr. Green had no knowledge of the service station listed in the street directories ever being located on the property. The following section details the results of the site inspection and interview.

6.1 HAZARDOUS SUBSTANCES/PETROLEUM PRODUCTS (Use, Storage and Disposal)

Hazardous Substances

No indications of the handling or disposal of hazardous substances or petroleum products were observed on the subject site during the site inspection.

Underground/Above Ground Storage Tanks

Two underground storage tanks (USTs) and two above ground storage tanks (ASTs) are known to exist on the subject property. One 1,000 gallon UST is located behind the building at 166 Central Avenue. This UST is between 10 and 20 years old and was once used for heating oil however, according to Mr. Green it is currently inactive. Mr. Green indicated that although the tank is not connected to the heating system, it is not empty and he still removes some residual oil from the tank to use in his new 275 gallon AST. This 275 AST is located within the building at 166 Central Avenue and is less than one year old. There is a 550 gallon underground storage tank located behind the house at 176 Central Avenue. This tank is between 10 and 20 years old and is currently used for heating oil. A second 275 gallon AST is located in the storage garage located behind the residence. This tank is in good condition and is used to heat a portion of the building.

6.2 WASTE EVIDENCE OR MATERIAL WITH THREAT OF RELEASE

Drums or Barrels

There were three 55 gallon drums observed on the subject site. Two were heavily rusted, broken into several pieces and empty. A third drum to the southeast of the property was heavily rusted but intact. At the time of the site inspection this intact drum was frozen in place and it could not be determined if it contained any material.

Improper Disposal of Solid Waste

There was some discarded metal on the southeast portion of the subject site. This metal included an old chair and bedsprings. This material does not pose a threat to the environmental integrity of the subject site.

Noxious Odors

No noxious odors were noted during the site inspection.

Stressed Vegetation

There were no indications of stressed vegetation noted during the site inspection.

Stained Soils

There were no indications of stained soils observed on the subject property or adjacent areas during the site inspection.

Pools of Liquid

There were no pools of liquid observed on the subject site.

Indications of PCBs

There was no equipment that might contain polychlorinated biphenyls (PCBs) observed on the subject site. Several pole mounted transformers were located along Central Avenue to the west.

Asbestos Containing Materials and Lead Paint

During CHA's site inspection an asbestos and lead paint inspection was being performed by another firm. Based upon the age of the buildings there is the potential for both asbestos containing materials and lead paint especially in the larger Northrup Supply building at 168 Central Avenue and the residence at 176 Central Avenue.

6.3 ADDITIONAL AREAS OF CONCERN

On February 27 1997, SJB Service, Inc (SJB) under subcontract to CHA was on site drilling soil borings for a geotechnical soils investigation. SJB reported that a “gasoline” odor was detected in a soil boring drilled adjacent to the 1,000 gallon UST on 166 Central Avenue.

7.0 FINDINGS AND CONCLUSIONS

Based upon information obtained as a result of site observations, interviews and the review of available regulatory and historical information concerning the subject site and surrounding area CHA has developed the following summary of conditions and conclusions with respect to recognized environmental conditions.

7.1 SUMMARY OF CONDITIONS

- The subject site currently consists of five buildings, paved and gravel parking lots as well as some grassy and wooded areas. The five buildings consist of one residential home, two vacant warehouses and two commercial buildings. These commercial buildings are occupied by Kane Overhead Doors and Projectrac Corp. Projectrac Corp. owns and rents a portion of the subject site. This corporation occupies one stall of a four stall storage garage and manages the rental properties on site.
- Past and current uses of neighboring properties and surrounding areas consist primarily of commercial, residential and light industrial uses.
- The current owners of the subject site are Projectrac Corp. and Northrup Supply Corp. Review of past owner names indicated Green and Sons Inc. a bulk fuel oil distributor once owned the site. None of the other property owners identified back to 1937, by name alone, suggest that the site has been used for industrial purposes or for other applications involving the storage, handling or disposal of hazardous materials or petroleum products.
- Based upon historical research, the subject site has been used for several residential and commercial properties. These uses include private homes, a trailer park, a plumbing supply warehouse, a filling station, an oil burner service company, an overhead door company and two

different bulk fuel oil distributors.

- Review of state and federal record sources indicate that there are no inactive, uncontrolled or abandoned hazardous waste sites, NFRAP sites, hazardous waste treatment, storage or disposal facilities, CBS tanks, major oil storage facilities, spills or active solid waste facilities on the subject site.
- Review of the New York State Petroleum Bulk Storage Record indicated that the subject site was listed as a PBS facility. This record indicated that 166 Central Avenue maintained five aboveground storage tanks totaling 60,000 gallons of fuel oil and 20,000 gallons of kerosene. These tanks have been removed and no leaks or spills were reported in association with the site.
- Review of the federal CERCLIS database indicated that Sperry Univac located at 7 Spruce Street is a known or suspected uncontrolled or abandoned hazardous waste facility. This facility is located cross-gradient from the subject site and therefore is not considered to be an environmental concern.
- Review of the Federal RCRIS list indicates that Remington Arms Co Inc. located on Clark Street. is a hazardous waste treatment, storage or disposal facility. This facility is not reported in RAATS however, it was assigned a low corrective action priority in August 1995. This facility is potentially located up-gradient from the subject site.
- Review of the USEPA RCRIS list indicates that Palermo Metal Products Inc, located at 143 Central Avenue is a large quantity hazardous waste generator. This facility is located up-gradient from the subject site however, it has no recorded violations and therefore is not considered to be an environmental concern.
- Review of the USEPA RCRIS list indicates that Duofold Inc, located at 7 Spruce Street is a

small quantity hazardous waste generator. This facility is located cross-gradient from the subject site and has no recorded violations, therefore is not considered to be a recognized environmental condition.

- Review of the New York PBS report indicated that Ilion Nice N Easy, located at 114 Central Avenue is listed as being an active bulk storage facility. This facility is located up-gradient from the subject site however, there are no records of violations or spills and therefore does not pose a threat to the environmental integrity of the subject site.
- Review of the New York PBS report indicated that Duofold, Inc, located at 7 Spruce Street is listed as being an active bulk storage facility. This facility is located cross-gradient from the subject site and has no records of violations or spills and therefore does not pose a threat to the environmental integrity of the subject site.
- Review of the New York PBS report indicated that JC's Convenience Center, located at 20 Central Avenue is listed as being an active bulk storage facility. This facility is located up-gradient from the subject site however, it has no records of violations or spills and therefore does not pose a threat to the environmental integrity of the subject site.
- Review of the New York PBS report indicated that Village of Ilion Marina located on Marina Road is listed as being an active bulk storage facility. This facility is located down-gradient from the subject site and has no records of violations or spills and therefore does not pose a threat to the environmental integrity of the subject site.
- Review of the New York PBS report indicated that C.P. Craska, Inc. located on Spruce Street Extension is listed as being an active bulk storage facility. This facility is located cross-gradient from the subject site and has no records of violations or spills and therefore does not pose a threat to the environmental integrity of the subject site.

- Review of the New York Spills Report indicates that Iliion Bonfare located at 20 Central Avenue had a petroleum spill in March 1990 that affected the groundwater. This site is located up-gradient from the subject site and could potentially affect the subject site.
- Review of the LRST report indicates that the Iliion DPW located at 125 East State Street had a petroleum spill in April 1990 that affected the groundwater. This facility is located cross-gradient from the subject site and therefore the spill is not a source of environmental concern.
- Two underground storage tanks (USTs) and two above ground storage tanks (ASTs) are known to exist on the subject property. The two ASTs are in good condition and show no indications of leaks or spills. The two USTs are between 10 and 20 years old and are reported to be in good condition, however, this could not be verified. It is unknown whether other USTs exist on the site in association with its past use as a filling station.
- There was one 55 gallon drum to the southeast of the property that was heavily rusted but intact. At the time of the site inspection this drum was frozen in place and it could not be determined if it contained any material.
- There was some discarded metal on the southeast portion of the subject site. This metal included an old chair and bedsprings. This material does not pose a threat to the environmental integrity of the subject site however, it should be removed and disposed of properly.
- The age of the buildings suggest the potential for asbestos containing materials (ACMs) and lead based paints.
- The site inspection indicated no stressed vegetation, noxious odors, pools of liquid or PCB's that might constitute a recognized environmental condition.

- Gasoline odors were detected in one soil boring that was drilled as part of a geotechnical soils investigation of the site.

7.2 CONCLUSIONS

CHA has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E-1527 of five parcels located at 166-178 Central Avenue in the Town of Ilion, New York. Any exceptions to, or deletions from, this practice are described in Section 2 of this report. This assessment has revealed the following recognized environmental conditions in connection with the subject property.

- Based upon historical research the subject site was used as a filling station from the late 1930s to the mid 1960s. The site has also been used as a bulk petroleum fuel distributor.
- Review of the New York Spills Report indicates one petroleum spill at the Ilion Bonfare that affected the groundwater. This facility is located up-gradient from the subject site and could potentially affect the subject site.
- Review of the Federal RCRIS list indicates one hazardous waste treatment, storage or disposal facility potentially located up-gradient from the subject site. This facility is not reported in RAATS however, it was assigned a low corrective action priority in August 1995.
- Two underground storage tanks (USTs) are known to exist on the subject property. They are between 10 and 20 years old and are reported to be in good condition, however, this could not be verified. It is unknown whether other USTs exist in association with the past use of the site as a filling station.

- There was one 55 gallon drum that was heavily rusted but intact observed on the subject site. It could not be determined if the drum contained any material.
- The subject site potentially contains asbestos containing materials and lead paints.
- Gasoline odors were detected in one soil boring drilled near an existing UST during a geotechnical soils investigation of the site.

8.0 LIMITATIONS

The conclusions presented in this report are based on information gathered in accordance with the Scope of Services defined in Section 2 of the report. This report is not intended to assess the condition of the subsurface environment at the site. All conclusions reflect observable conditions existing at the time of the site inspection. Information provided by outside sources (individuals, agencies, etc.), as cited herein, was used in the assessment of the site. The accuracy of the conclusions drawn from this assessment is, therefore, dependent upon the accuracy of information provided by these sources.

APPENDIX A

1925

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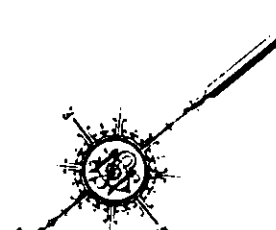
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Scale 100 Ft. to One Inch

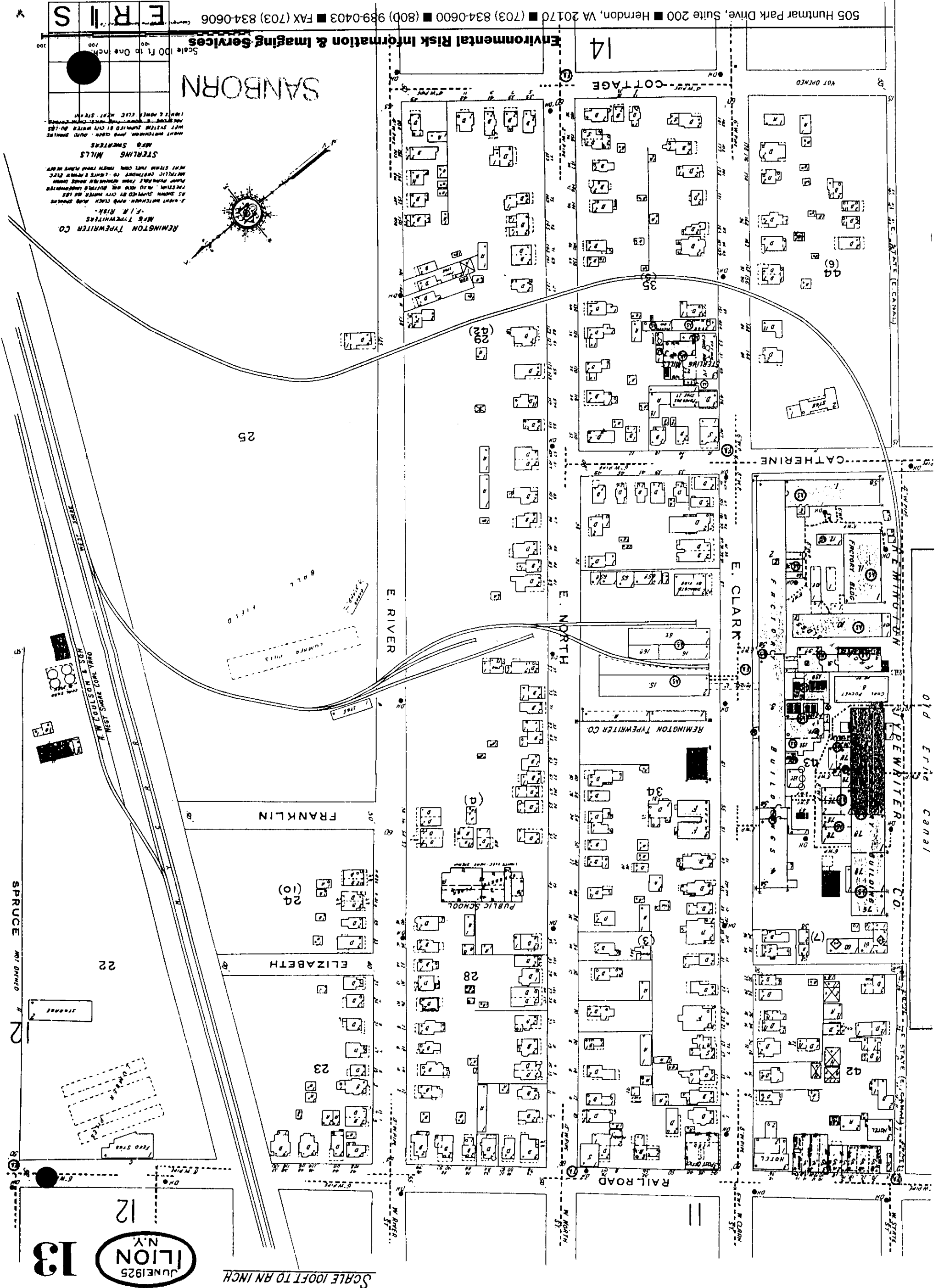
ERIS

REMINGTON TYPEWRITER CO. MFG. TYPEWRITERS - E. I. N. RISK - F. NEW! MACHINES BUILT WITH STEEL AND BRASS - AS SHOWN SUPPLIED BY CITY WATER NO. 185 - PAPER, ALSO FOR THE BUILT-IN UNDERWRITER - MOUNT REMOVAL FROM REMOVAL FROM REMOVAL - METRIC COPIES TO - LINES 8 INCH 8 INCH - METRIC PARTS ONLY - NEW! TRAD. PARTS ONLY - STERLING MILLS MFG. SWERTERS - MOST MACHINES AND COOK - AUTO SWITCH - METRIC PARTS ONLY - NEW! TRAD. PARTS ONLY - LIGHT MODEL EUC. NEW! STEEL

SANBORN



Environmental Risk Information & Imaging Services



SCALE 100 FT TO AN INCH

JUNE 1925
LION
N.Y.

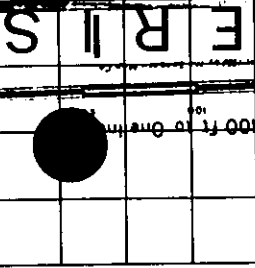
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(2271)

1950

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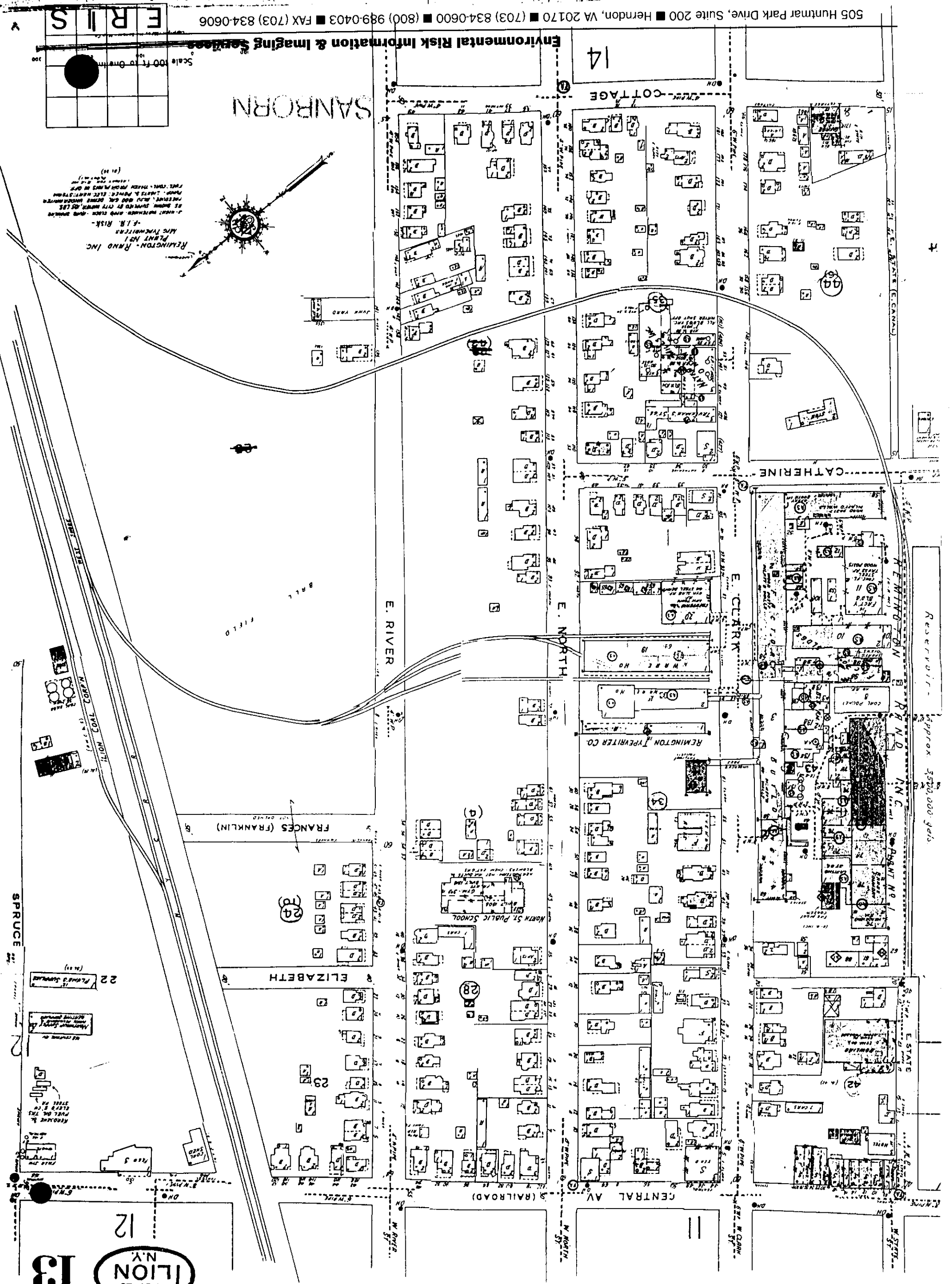
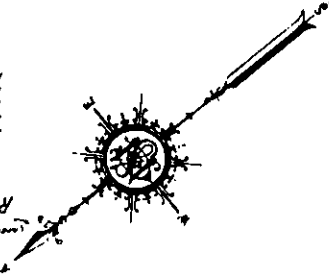
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SANBORN

14

REMINGTON-RAND INC
PLANT NO. 1
MFG. FACILITIES
-F.I.R. RISK-
A. HEAVY MACHINERY - AND OTHER - AND SHEDS
B. BUILDING - AND OTHER - AND SHEDS
C. STORAGE - AND OTHER - AND SHEDS
D. OFFICE - AND OTHER - AND SHEDS
E. POWER - AND OTHER - AND SHEDS
F. FUEL - AND OTHER - AND SHEDS
G. WASTE - AND OTHER - AND SHEDS
H. WATER - AND OTHER - AND SHEDS
I. AIR - AND OTHER - AND SHEDS
J. SOIL - AND OTHER - AND SHEDS
K. VEGETATION - AND OTHER - AND SHEDS
L. TOPOGRAPHY - AND OTHER - AND SHEDS
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N. OTHER - AND OTHER - AND SHEDS
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Reservoir - approx 5500,000 gals

SCALE 100 FT TO AN INCH



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N.Y. 532

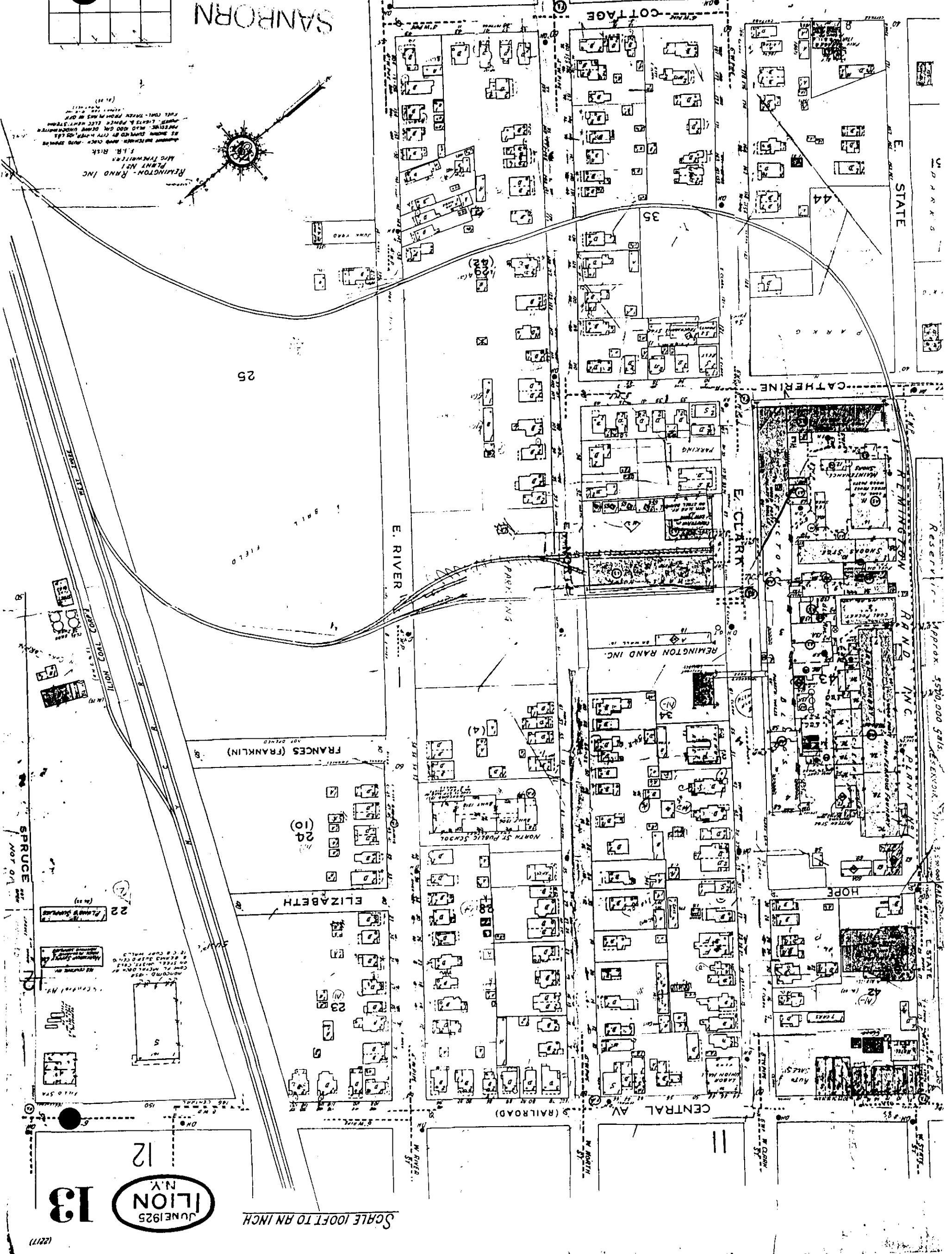
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SCALE 100 FT TO AN INCH

ILION N.Y. JUNE 1925

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SPRUCE

ELIZABETH

FRANCES (FRANKLIN)

CATHERINE

E. CLARK

CENTRAL AV.

HOPE

E. RIVER

REMINGTON RAND INC.

NORTH ST. PUBLIC SCHOOL

ILION COAL CORP.

SPRUCE

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APPENDIX B

ERIIS Custom Detail Radius Report

SUBJECT PROPERTY: Aldi Ilion
166 Central Avenue
Ilion, NY 13357

ORDERED BY: Chris Burns

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ERIIS Custom Detail Radius Statistical Profile

ERIIS Report #148270A

Feb 25, 1997

SITE: Aldi Ilion
166 Central Avenue
Ilion, NY 13357

Latitude: 43.019356
Longitude: -75.031133

State: NY

| DATABASE | RADIUS (MI) | TARGET AREA** | PROPERTY-1/4 | 1/4-1/2 | 1/2-1 | >1 | TOTAL |
|----------|-------------|---------------|--------------|---------|-------|----|-------|
| NPL | 1.00 | | 0 | 0 | 0 | | 0 |
| CERCLIS | 0.50 | | 1 | 0 | | | 1 |
| RCRIS_TS | 1.00 | | 0 | 0 | 0 | | 0 |
| RCRIS_LG | 0.25 | | 1 | | | | 1 |
| RCRIS_SG | 0.25 | | 1 | | | | 1 |
| ERNS | 0.05 | | 0 | | | | 0 |
| LRST | 0.50 | | 0 | 1 | | | 1 |
| SWF | 0.50 | | 0 | 0 | | | 0 |
| HWS | 1.00 | | 0 | 0 | 0 | | 0 |
| NFRAP | 0.50 | | 0 | 0 | | | 0 |
| CBS | 0.25 | | 0 | | | | 0 |
| MOSF | 0.25 | | 0 | | | | 0 |
| PBS | 0.25 | | 4 | | | | 4 |
| SPILLS | 0.25 | | 1 | | | | 1 |
| | | | 8 | 1 | 0 | 0 | 9 |

Radon Zone Level: 3

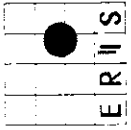
Zone 3 has a predicted average indoor screening level < 2 pCi/L

A Radon Zone should not be used to determine if individual homes need to be tested for radon. The EPA's Office of Radiation and Indoor Air (202/233-9320) recommends that all homes be tested for radon, regardless of geographic location or the zone designation in which the property is located.

**A target area is defined as a .02 mile buffer around the site's latitude and longitude.

A blank radius count indicates that the database was not searched by this radius per client instructions.

NR in a radius count indicates that the database cannot be reported by this search criteria due to insufficient and/or inaccurate addresses reported by a federal/state agency.



505 Huntmar Park Dr, Suite 200
 Herndon, VA 20130
 (703)834-0600 (800)989-0408
 FAX: (703)834-0606

SITE INFORMATION

Aldi Ilion
 166 Central Avenue
 Ilion, NY
 Herkimer County
 Job Number: 148270A
 Map Plotted: Feb 25, 1997

MAP LEGEND

- Target Area
- Radii .25, .5, 1 Mi
- Hydrographix
- Railroads
- Roads
- Highways
- ★ NPL 0 Sites
- RCRIS_TS 0 Sites
- CERCLIS 1 Site
- NERAP 0 Sites
- RCRIS_LG 1 Site
- RCRIS_SC 1 Site
- ERNS 0 Sites
- HWS 0 Sites
- LRST 1 Site
- SWF 0 Sites
- PBS 4 Sites
- MOSF 0 Sites
- CBS 0 Sites
- SPILLS 1 Site

MILES



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ENVIRONMENTAL RISK INFORMATION & IMAGING SERVICES
DATABASE REFERENCE GUIDE

NPL

Date of Data: 12/01/1996
Release Date: 01/09/1997
Date on System: 02/14/1997
US Environmental Protection Agency
Office of Solid Waste and Emergency Response
703/603-8881

National Priorities List

The NPL Report, also known as the Superfund List, is an EPA listing of uncontrolled or abandoned hazardous waste sites. The list is primarily based upon a score which the site receives from the EPA's Hazardous Ranking System. These sites are targeted for possible long-term remedial action under the Superfund Act of 1980.

CERCLIS

Date of Data: 12/01/1996
Release Date: 01/09/1997
Date on System: 02/07/1997
US Environmental Protection Agency
Office of Solid Waste and Emergency Response
703/603-8730

Comprehensive Environmental Response, Compensation, and Liability Information System

The CERCLIS Database is a comprehensive listing of known or suspected uncontrolled or abandoned hazardous waste sites. These sites have either been investigated, or are currently under investigation by the U.S. EPA for the release, or threatened release of hazardous substances. Once a site is placed in CERCLIS, it may be subjected to several levels of review and evaluation, and ultimately placed on the National Priorities List (NPL). In addition to site events and milestone dates, the CERCLIS Report also contains financial information from the Superfund Consolidated Accomplishments Plan (SCAP).

RCRIS_TS

Date of Data: 05/10/1996
Release Date: 06/10/1996
Date on System: 07/19/1996
US Environmental Protection Agency
Office of Solid Waste and Emergency Response
202/260-4610

Resource Conservation and Recovery Information System - Treatment, Storage, And Disposal Facilities

The RCRIS_TS Report contains information pertaining to facilities which either treat, store, or dispose of EPA regulated hazardous waste. The following information is also included in the RCRIS_TS Report:

- Information pertaining to the status of facilities tracked by the RCRA Administrative Action Tracking System (RAATS)
- Inspections & evaluations conducted by federal and state agencies
- All reported facility violations, the environmental statute(s) violated, and any proposed & actual penalties
- Information pertaining to corrective actions undertaken by the facility or EPA
- A complete listing of EPA regulated hazardous wastes which are generated or stored on-site

RCRIS_LG

Date of Data: 05/10/1996
Release Date: 06/10/1996
Date on System: 07/19/1996
US Environmental Protection Agency
Office of Solid Waste and Emergency Response
202/260-4610

Resource Conservation and Recovery Information System - Large Quantity Generators

The RCRIS_LG Report contains information pertaining to facilities which either generate more than 1000kg of EPA regulated hazardous waste per month, or meet other applicable requirements of the Resource Conservation And Recovery Act. The following information is also included in the RCRIS_LG Report:

- Information pertaining to the status of facilities tracked by the RCRA Administrative Action Tracking System (RAATS)
- Inspections & evaluations conducted by federal and state agencies
- All reported facility violations, the environmental statute(s) violated, and any proposed & actual penalties
- Information pertaining to corrective actions undertaken by the facility or EPA
- A complete listing of EPA regulated hazardous wastes which are generated or stored on-site

ENVIRONMENTAL RISK INFORMATION & IMAGING SERVICES
DATABASE REFERENCE GUIDE

RCRIS_SG

Date of Data: 05/10/1996
Release Date: 06/10/1996
Date on System: 07/19/1996
US Environmental Protection Agency
Office of Solid Waste and Emergency Response
202/260-4610

Resource Conservation and Recovery Information System - Small Quantity Generators

The RCRIS_SG Report contains information pertaining to facilities which either generate between 100kg and 1000kg of EPA regulated hazardous waste per month, or meet other applicable requirements of the Resource Conservation and Recovery Act. On advice of the U.S. EPA, ERIIS does not report so-called "RCRA Protective Filers." Protective Filers, commonly called Conditionally Exempt Small Quantity Generators (CESQG's), are facilities that have completed RCRA notification paperwork, but are not, in fact, subject to RCRA regulation. The determination of CESQG status is made by the U.S. EPA. The following information is also included in the RCRIS_SG Report:

- Information pertaining to the status of facilities tracked by the RCRA Administrative Action Tracking System (RAATS)
- Inspections & evaluations conducted by federal and state agencies
- All reported facility violations, the environmental statute(s) violated, and any proposed & actual penalties
- Information pertaining to corrective actions undertaken by the facility or EPA
- A complete listing of EPA regulated hazardous wastes which are generated or stored on-site

ERNS

Date of Data: 08/22/1996
Release Date: 08/26/1996
Date on System: 11/22/1996
US Environmental Protection Agency
Office of Solid Waste and Emergency Response
202/260-2342

Emergency Response Notification System

ERNS is a national computer database system that is used to store information concerning the sudden and/or accidental release of hazardous substances, including petroleum, into the environment. The ERNS Reporting System contains preliminary information on specific releases, including the spill location, the substance released, and the responsible party. Please note that the information in the ERNS Report pertains only to those releases that occurred between January 1, 1996 and August 22, 1996.

LRST

Date of Data: 08/15/1996
Release Date: 08/19/1996
Date on System: 10/04/1996
NY Dept. of Environmental Conservation
Spill Prevention and Response Section
518/457-7363

New York Leaking Storage Tanks

The New York Leaking Storage Tank Report is a comprehensive listing of all leaking storage tank cases reported to The New York State Department of Environmental Conservation which have not yet been resolved. The information for the LST Report is extracted from the original spills list provided to ERIIS by the NYSDEC. Information pertaining to leaking storage tank cases which have been resolved can be provided upon request.

SWF

Date of Data: 06/30/1996
Release Date: 08/12/1996
Date on System: 09/20/1996
NY Dept. of Environmental Conservation
Bureau of Solid Waste
518/457-2051

New York Active Solid Waste Facility Register

The New York Solid Waste Facility Register is a comprehensive listing of all active and inactive permitted solid waste landfills and processing facilities within the State of New York.

HWS

Date of Data: 04/01/1996
Release Date: 12/20/1996
Date on System: 02/14/1997
NY Dept. of Environmental Conservation
Hazardous Waste Remediation Division
518/457-0740

New York Inactive Hazardous Waste Disposal Sites

The New York Inactive Hazardous Waste Disposal Sites List contains summary information pertaining to those facilities that are deemed potentially hazardous to the public health and welfare by the New York State Department of Environmental Conservation (NYSDEC).

ENVIRONMENTAL RISK INFORMATION & IMAGING SERVICES
DATABASE REFERENCE GUIDE

NFRAP

Date of Data: 12/01/1996
Release Date: 01/09/1997
Date on System: 01/31/1997
US Environmental Protection Agency
Office of Solid Waste and Emergency Response
703/603-8881

No Further Remedial Action Planned Sites

The No Further Remedial Action Planned Report (NFRAP), also known as the CERCLIS Archive, contains information pertaining to sites which have been removed from the U.S. EPA's CERCLIS Database. NFRAP sites may be sites where, following an initial investigation, either no contamination was found, contamination was removed quickly without 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.

CBS

Date of Data: 09/16/1996
Release Date: 09/20/1996
Date on System: 10/11/1996
NY Dept. of Environmental Conservation
Spill Prevention and Response Section
518/457-7363

New York Chemical Bulk Storage Tanks

The New York Chemical Bulk Storage Report contains information pertaining to active and inactive facilities that store regulated substances in aboveground storage tanks with capacities of 185 gallons or greater, and/or underground storage tanks of any size.

MOSF

Date of Data: 09/16/1996
Release Date: 09/20/1996
Date on System: 10/18/1996
NY Dept. of Environmental Conservation
Spill Prevention and Response Section
518/457-7363

New York Major Oil Storage Facilities

The Major Oil Storage Facilities Report contains summary information on active and inactive facilities with petroleum storage capacities in excess of four-hundred thousand gallons.

PBS

Date of Data: 09/16/1996
Release Date: 09/20/1996
Date on System: 10/15/1996
NY Dept. of Environmental Conservation
Spill Prevention and Response Section
518/457-7363

New York Petroleum Bulk Storage Tanks

The New York Petroleum Bulk Storage Report is a comprehensive listing of all reported active and inactive facilities that have petroleum storage capacities in excess of 1100 gallons, and less than four hundred thousand gallons. ERIIS has obtained the PBS information from the Delegated Counties in the State of New York. The dates of The information for the specific counties are as follows:

| | |
|----------|----------|
| Cortland | 06/10/96 |
| Nassau | 06/27/96 |
| Rockland | 05/15/96 |
| Suffolk | 01/12/96 |

SPILLS

Date of Data: 08/15/1996
Release Date: 08/19/1996
Date on System: 10/04/1996
NY Dept. of Environmental Conservation
Spill Prevention and Response Section
518/457-0722

New York Spills Report

The New York Spills Report is a comprehensive listing of all hazardous materials spills reported to The New York State Department of Environmental Conservation which have not yet been resolved. Information pertaining to spills which have been resolved can be provided upon request.

If a selected database does not appear on this list, it is not available for the subject property's state.

Summary of Plottable sites

ERIIS Report #148270A

Feb 25, 1997

| ERIIS ID. DATABASE | FACILITY ADDRESS COMMENTS | DISTANCE FROM SITE | DIRECTION FROM SITE | MAP ID |
|-------------------------|--|-----------------------|------------------------|--------|
| 0 - 1/4 Miles | | | | |
| 36048011580 PBS | Ilion Nice N Easy 114 Central Ave Ilion, NY 13357-1206 County: Herkimer | .034 Mi | NORTHWEST | 1 |
| 36007004041 RCRIS_LG | Palermo Metal Products Inc 143 Central Ave Ilion, NY 13357-1205 County: Herkimer | .106 Mi | NORTHEAST | 2 |
| 36048010294 PBS | Martin Green And Sons, Inc. 166 Central Ave Ilion, NY 13357-1206 County: Herkimer | .149 Mi | NORTHEAST | 3 |
| 36008002557 RCRIS_SG | Duofold Inc 7 Spruce St Ilion, NY 13357-1146 County: Herkimer | .167 Mi | NORTHWEST | 4 |
| 36048010807 PBS | Duofold, Inc. 7 Spruce St Ilion, NY 13357-1146 County: Herkimer | .167 Mi | NORTHWEST | 4 |
| 36001000275 CERCLIS | Sperry Univac 7 Spruce St Ilion, NY 13357-1146 County: Herkimer | .167 Mi | NORTHWEST | 4 |
| 36021013432 SPIILLS | Ilion Bonfare 20 Central Ave Ilion, NY 13357-1831 County: Herkimer | .215 Mi | SOUTHWEST | 5 |
| 36048010275 PBS | Jc's Convenience Center 20 Central Ave Ilion, NY 13357-1831 County: Herkimer | .215 Mi | SOUTHWEST | 5 |
| 1/4 - 1/2 Miles | | | | |
| 36059006272 LRST | Ilion Dpw 125 E State St Ilion, NY 13357-1219 County: Herkimer | .427 Mi | SOUTHEAST | 6 |

ERIIS ENVIRONMENTAL DATA REPORT
COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY INFORMATION SYSTEM
CERCLIS - PLOTTABLE SITES - PAGE 1

ERIIS Report #148270A

Feb 25, 1997

| ERIIS ID EPA ID | FACILITY | ADDRESS | MAP ID |
|-----------------------------|---|---|--------|
| 36001000275 NYD980532592 | Sperry Univac DISTANCE FROM SITE: .167 Miles DIRECTION FROM SITE: Northwest | 7 Spruce St Ilion, NY 13357-1146 County: Herkimer | 4 |

PRIOR YEAR OBLIGATION: No Funding Indicated
CURRENT YEAR OUTLAYED: No Funding Indicated

| SITE EVENT(S) | START DATE | COMPLETION DATE |
|---------------------------|------------|-----------------|
| Discovery | / / | 06/09/81 |
| Preliminary Assessment | 08/25/87 | 09/02/87 |
| Screening Site Inspection | 07/01/90 | 09/25/90 |

ERIIS ENVIRONMENTAL DATA REPORT
RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM
RCRIS_LG - PLOTTABLE SITES - PAGE 1

ERIIS Report #148270A

Feb 25, 1997

| ERIIS ID EPA ID | FACILITY | ADDRESS | MAP ID |
|-----------------------------|--|---|--------|
| 36007004041 NYD085170975 | Palermo Metal Products Inc DISTANCE FROM SITE: .106 Miles DIRECTION FROM SITE: Northeast | 143 Central Ave Ilion, NY 13357-1205 County: Herkimer | 2 |

Facility Is Not Reported In Raats

ERIIS ENVIRONMENTAL DATA REPORT
RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM
RCRIS SG - PLOTTABLE SITES - PAGE 1

ERIIS Report #148270A

Feb 25, 1997

| ERIIS ID EPA ID | FACILITY | ADDRESS | MAP ID |
|-----------------------------|---|---|--------|
| 36008002557 NYD161865837 | Duofold Inc DISTANCE FROM SITE: .167 Miles DIRECTION FROM SITE: Northwest | 7 Spruce St Ilion, NY 13357-1146 County: Herkimer | 4 |

Facility Is Not Reported In Raats

HAZARDOUS WASTES:

| | | | | |
|----|-----------------|--------------|------------------|--------|
| 1. | WASTE CODE: | X002 | AMOUNT OF WASTE: | .00000 |
| | SOURCE OF INFO: | Notification | | |

ERIIS ENVIRONMENTAL DATA REPORT
NEW YORK LEAKING STORAGE TANKS
LRST - PLOTTABLE SITES - PAGE 1

ERIIS Report #148270A

Feb 25, 1997

| ERIIS ID SPILL NO. | TANK NAME | TANK LOCATION | MAP ID |
|---|---|--|--------|
| 36059006272 9000578 | Ilion Dpw DISTANCE FROM SITE: .427 Miles DIRECTION FROM SITE: Southeast | 125 E State St Ilion, NY 13357-1219 COUNTY: Herkimer | 6 |
| SPILL DATE: 04/16/1990 SPILL SOURCE: Not Specified | | NATURAL RESOURCE AFFECTED: Groundwater | |
| MATERIAL CLASS: Petroleum | | QUANTITY SPILLED: 0 Gal | |

ERIIS ENVIRONMENTAL DATA REPORT
 NEW YORK PETROLEUM BULK STORAGE FACILITIES
 PBS - PLOTTABLE SITES - PAGE 1

ERIIS Report #148270A

Feb 25, 1997

| ERIIS ID PBS NO. CBS NO. | FACILITY | ADDRESS | MAP ID |
|--|---|--|--------|
| 36048011580 6-500798 | Ilion Nice N Easy DISTANCE FROM SITE: .034 Miles DIRECTION FROM SITE: Northwest | 114 Central Ave Ilion, NY 13357-1206 COUNTY: Herkimer | 1 |
| FACILITY TYPE: Retail Gasoline Sales CONTACT: Bull Brothers, Inc. (315) 797-7760 NO. OF TANKS: 5 TOTAL CAPACITY (GAL): 30000 | | SITE STATUS: Active CERTIFICATE DATE: 02/15/1995 EXPIRATION DATE: 04/27/1900 | |
| TANK ID: 001 | INSTAL. DATE: 04/90 | CAPACITY (GAL.): 10000 | |
| TANK STATUS: In-service PRODUCT STORED: Unleaded Gasoline TANK TYPE: Fiberglass Coated Steel | | TANK LOCATION: Underground | |
| TANK ID: 03A | INSTAL. DATE: 04/90 | CAPACITY (GAL.): 4000 | |
| TANK STATUS: In-service PRODUCT STORED: Kerosene TANK TYPE: Fiberglass Coated Steel | | TANK LOCATION: Underground | |
| TANK ID: 03B | INSTAL. DATE: 04/90 | CAPACITY (GAL.): 6000 | |
| TANK STATUS: In-service PRODUCT STORED: Unleaded Gasoline TANK TYPE: Fiberglass Coated Steel | | TANK LOCATION: Underground | |
| TANK ID: 02A | INSTAL. DATE: 04/90 | CAPACITY (GAL.): 4000 | |
| TANK STATUS: In-service PRODUCT STORED: Diesel TANK TYPE: Fiberglass Coated Steel | | TANK LOCATION: Underground | |
| TANK ID: 02B | INSTAL. DATE: 04/90 | CAPACITY (GAL.): 6000 | |
| TANK STATUS: In-service PRODUCT STORED: Unleaded Gasoline TANK TYPE: Fiberglass Coated Steel | | TANK LOCATION: Underground | |
| 36048010294 6-086983 | Martin Green And Sons, Inc. DISTANCE FROM SITE: .149 Miles DIRECTION FROM SITE: Northeast | 166 Central Ave Ilion, NY 13357-1206 COUNTY: Herkimer | 3 |
| FACILITY TYPE: Storage Terminal/petroleum Distributor CONTACT: Martin Green And Sons Inc (315) 894-5011 NO. OF TANKS: 0 TOTAL CAPACITY (GAL): 0 | | SITE STATUS: Inactive CERTIFICATE DATE: 01/14/1987 EXPIRATION DATE: 01/14/1992 | |
| TANK ID: 001 | INSTAL. DATE: 00/00 | CAPACITY (GAL.): 20000 | |
| TANK STATUS: Closed - Removed PRODUCT STORED: Nos. 1, 2 Or 4 Fuel Oil TANK TYPE: Steel/carbon Steel | | TANK LOCATION: Aboveground | |
| TANK ID: 002 | INSTAL. DATE: 00/00 | CAPACITY (GAL.): 10000 | |
| TANK STATUS: Closed - Removed PRODUCT STORED: Kerosene TANK TYPE: Steel/carbon Steel | | TANK LOCATION: Aboveground | |
| TANK ID: 003 | INSTAL. DATE: 00/00 | CAPACITY (GAL.): 20000 | |
| TANK STATUS: Closed - Removed PRODUCT STORED: Nos. 1, 2 Or 4 Fuel Oil TANK TYPE: Steel/carbon Steel | | TANK LOCATION: Aboveground | |
| TANK ID: 004 | INSTAL. DATE: 00/00 | CAPACITY (GAL.): 10000 | |
| TANK STATUS: Closed - Removed PRODUCT STORED: Kerosene TANK TYPE: Steel/carbon Steel | | TANK LOCATION: Aboveground | |
| TANK ID: 005 | INSTAL. DATE: 00/00 | CAPACITY (GAL.): 20000 | |
| TANK STATUS: Closed - Removed PRODUCT STORED: Nos. 1, 2 Or 4 Fuel Oil TANK TYPE: Steel/carbon Steel | | TANK LOCATION: Aboveground | |
| 36048010807 6-300357 | Duofold, Inc. DISTANCE FROM SITE: .167 Miles DIRECTION FROM SITE: Northwest | 7 Spruce St Ilion, NY 13357-1146 COUNTY: Herkimer | 4 |
| FACILITY TYPE: Manufacturing CONTACT: George Bracken (315) 894-5051 NO. OF TANKS: 1 TOTAL CAPACITY (GAL): 30000 | | SITE STATUS: Active CERTIFICATE DATE: 05/29/1992 EXPIRATION DATE: 06/05/1997 | |

ERIS ENVIRONMENTAL DATA REPORT
 NEW YORK PETROLEUM BULK STORAGE FACILITIES
 PBS - PLOTTABLE SITES - PAGE 2

ERIS Report #148270A

Feb 25, 1997

ERIS ID
 PBS NO.
 CBS NO.

FACILITY

ADDRESS

MAP ID

TANK ID: 001 INSTAL. DATE: 00/00 CAPACITY (GAL.): 30000
 TANK STATUS: Temporarily Out-of-service TANK LOCATION: Aboveground
 PRODUCT STORED: Nos. 5 Or 6 Fuel Oil
 TANK TYPE: Steel/carbon Steel

36048010275 Jc's Convenience Center 20 Central Ave 5
 6-077801 DISTANCE FROM SITE: .215 Miles Ilion, NY 13357-1831
 DIRECTION FROM SITE: Southwest COUNTY: Herkimer

FACILITY TYPE: Retail Gasoline Sales
 CONTACT: Clifford Fuel Co. Inc. (315) 797-2240
 NO. OF TANKS: 2
 TOTAL CAPACITY (GAL): 20000

SITE STATUS: Active
 CERTIFICATE DATE: 01/08/1992
 EXPIRATION DATE: 01/14/1997

TANK ID: 001 INSTAL. DATE: 05/73 CAPACITY (GAL.): 6000
 TANK STATUS: Closed Before April 1, 1991 TANK LOCATION: Underground
 PRODUCT STORED: Leaded Gasoline
 TANK TYPE: Fiberglass Reinforced Plastic

TANK ID: 002 INSTAL. DATE: 05/73 CAPACITY (GAL.): 6000
 TANK STATUS: Closed Before April 1, 1991 TANK LOCATION: Underground
 PRODUCT STORED: Unleaded Gasoline
 TANK TYPE: Fiberglass Reinforced Plastic

TANK ID: 003 INSTAL. DATE: 05/73 CAPACITY (GAL.): 6000
 TANK STATUS: Closed Before April 1, 1991 TANK LOCATION: Underground
 PRODUCT STORED: Unleaded Gasoline
 TANK TYPE: Fiberglass Reinforced Plastic

TANK ID: 004 INSTAL. DATE: 04/90 CAPACITY (GAL.): 10000
 TANK STATUS: In-service TANK LOCATION: Underground
 PRODUCT STORED: Unleaded Gasoline
 TANK TYPE: Steel/carbon Steel

TANK ID: 005 INSTAL. DATE: 04/90 CAPACITY (GAL.): 10000
 TANK STATUS: In-service TANK LOCATION: Underground
 PRODUCT STORED: Unleaded Gasoline
 TANK TYPE: Steel/carbon Steel

ERIIS ENVIRONMENTAL DATA REPORT
NEW YORK SPILLS LIST
SPILLS - PLOTTABLE SITES - PAGE 1

ERIIS Report #148270A

Feb 25, 1997

| ERIIS ID SPILL NO. | SPILL NAME | SPILL LOCATION | MAP ID |
|------------------------|---|--|--------|
| 36021013432 8911818 | Ilion Bonfare DISTANCE FROM SITE: .215 Miles DIRECTION FROM SITE: Southwest | 20 Central Ave Ilion, NY 13357-1831 COUNTY: Herkimer | 5 |
| | SPILL DATE: 03/12/1990 SPILL SOURCE: Not Specified | NATURAL RESOURCE AFFECTED: Groundwater | |
| | MATERIAL CLASS: Petroleum | QUANTITY SPILLED: 0 Gal | |

Summary of Unplottable sites

ERIIS Report #148270A

Feb 25, 1997

| ERIIS ID. DATABASE | FACILITY ADDRESS COMMENTS | SELECTED BY |
|-------------------------|---|----------------|
| 36048011709 PBS | Cedarville Service Route 51 Cedarville, NY 13357 County: Herkimer | ZIP code |
| 36048047900 PBS | M & L Farms Route 51 Cedarville, NY 13357 County: Herkimer | ZIP code |
| 36048009936 PBS | Columbia(t) Highway Dept. Columbia Center & Spohn Road Columbia T, NY 13357 County: Herkimer | ZIP code |
| 36048046263 PBS | Terrace Hill Estates Mcgowan Road Frankfort T, NY 13357 County: Herkimer | ZIP code |
| 36048010283 PBS | Chips Service West Main Street Frankfort T, NY 13357 County: Herkimer | ZIP code |
| 36048046745 PBS | Ilion Water Treatment Plant Elizabethtown Road German Flatts T, NY 13357 County: Herkimer | ZIP code |
| 36048011761 PBS | Edick's Route 51 & Old Froge Road German Flatts T, NY 13357 County: Herkimer | ZIP code |
| 36013000041 RCRIS_TS | Remington Arms Co Inc Clark St Ilion, NY 13357 County: Herkimer | ZIP code |
| 36039000397 NFRAP | Sperry Univac Clark St Ilion, NY 13357 County: Herkimer | ZIP code |
| 36039000395 NFRAP | Ilion Lf East St Ilion, NY 13357 County: Herkimer | ZIP code |
| 36039000396 NFRAP | Sperry Univac Main St Ilion, NY 13357 County: Herkimer | ZIP code |
| 36008012097 RCRIS_SG | Edicks Old Forge Rd & Rte 51 Corner Ilion, NY 13357 County: Herkimer | ZIP code |
| 36007011762 RCRIS_LG | Nys Thruway Auth Schuyler Service Area Mp 227.1 Ilion, NY 13357 County: Herkimer | ZIP code |
| 36007007087 RCRIS_LG | Ilion Central School Weber Avenue Ilion, NY 13357 County: Herkimer | ZIP code |

Summary of Unplottable sites

ERIIS Report #148270A

Feb 25, 1997

| ERIIS ID. DATABASE | FACILITY ADDRESS COMMENTS | SELECTED BY |
|-------------------------|--|----------------|
| 36008004814 RCRIS_SG | B.e. Nugget West Main Street Ilion, NY 13357 County: Herkimer | ZIP code |
| 36007005299 RCRIS_LG | Ilion Broad Of Light Commissioners West State & Pleasant Ave Ilion, NY 13357 County: Herkimer | ZIP code |
| 36048011416 PBS | Ilion(v) Marina Marina Road Ilion V, NY 13357 County: Herkimer | ZIP code |
| 36048011375 PBS | Ilion Xtra Mini Mart Route 5s, West Main Street Ilion V, NY 13357 County: Herkimer | ZIP code |
| 36048010680 PBS | C. P. Craska, Inc. Spruce Street Ext. Ilion V, NY 13357 County: Herkimer | ZIP code |
| 36048010315 PBS | Ilion Central School Jr-sr Hi Weber Avenue Ilion V, NY 13357 County: Herkimer | ZIP code |
| 36048011720 PBS | B.e. Nugget Auto Sales West Main Street Ilion V, NY 13357 County: Herkimer | ZIP code |
| 36048011593 PBS | Litchfield (t) Highway Dept. Cedarville Road Litchfield T, NY 13357 County: Herkimer | ZIP code |
| 36048010621 PBS | Schuyler Service Area Nys Thruway Mp 227.1 Schuyler T, NY 13357 County: Herkimer | ZIP code |
| 36018001101 SWF | Big Moose Slf NY County: Herkimer | County |
| 36018001110 SWF | Ferdula Lf NY County: Herkimer | County |
| 36018001113 SWF | Guerriero's T.s. NY County: Herkimer | County |
| 36018001112 SWF | Herkimer Village Dump NY County: Herkimer | County |
| 36018001090 SWF | Humpf Lcd Lf NY County: Herkimer | County |

Summary of Unplottable sites

ERIIS Report #148270A

Feb 25, 1997

| ERIIS ID. DATABASE | FACILITY ADDRESS COMMENTS | SELECTED BY |
|-----------------------|---|----------------|
| 36018001111 SWF | Ilion Lf (v) NY County: Herkimer | County |
| 36018001098 SWF | Levitt Commercial Cont. NY County: Herkimer | County |
| 36018001108 SWF | Stillwater Slf NY County: Herkimer | County |
| 36018001099 SWF | Town Of Webb Temp. T.s. NY County: Herkimer | County |
| 36018001095 SWF | Dan Beebe Hoke Road NY County: Herkimer | County |

ERIIS ENVIRONMENTAL DATA REPORT
 RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM
 RCRIS_TS - UNPLOTTABLE SITES

ERIIS Report #148270A

Feb 25, 1997

| ERIIS ID EPA ID | FACILITY | ADDRESS |
|-----------------------------|-----------------------|---|
| 36013000041 NYD002240638 | Remington Arms Co Inc | Clark St Ilion, NY 13357 County: Herkimer |

Facility Is Not Reported In Raats

CORRECTIVE ACTIONS:

- | | | | |
|----|--------------------|---|--|
| 1. | ACTION ISSUE DATE: | 06/27/95 | |
| | TYPE OF ACTION: | Operating Permit | |
| 2. | ACTION ISSUE DATE: | 06/15/89 | |
| | TYPE OF ACTION: | Voluntary Ca | |
| 3. | ACTION ISSUE DATE: | Not Reported | |
| | TYPE OF ACTION: | Other | |
| | | | |
| 1. | ACTION EFFECTIVE | 06/27/95 | |
| | STATUTE VIOLATED: | Rcra 3004(u) Or Equivalent | |
| 2. | ACTION EFFECTIVE | 06/15/90 | |
| | STATUTE VIOLATED: | Rcra 3004(u) Or Equivalent | |
| 3. | ACTION EFFECTIVE | 11/11/80 | |
| | STATUTE VIOLATED: | Rcra 3004(u) Or Equivalent | |
| | | | |
| 1. | EVENT ACTUAL DATE: | 10/10/90 | |
| | SITE EVENT: | Rfa Completed | |
| 2. | EVENT ACTUAL DATE: | 08/08/95 | |
| | SITE EVENT: | Rfa Completed--assessment Was An Rfa | |
| 3. | EVENT ACTUAL DATE: | 08/01/95 | |
| | SITE EVENT: | Determination Of Need For An Rfi--rfi Is Necessary | |
| 4. | EVENT ACTUAL DATE: | 10/15/92 | |
| | SITE EVENT: | Ca Prioritization--facility Assigned A Low Corrective Action Priority | |
| 5. | EVENT ACTUAL DATE: | 08/01/95 | |
| | SITE EVENT: | Rfi Imposition | |
| 6. | EVENT ACTUAL DATE: | 08/31/94 | |
| | SITE EVENT: | Stabilization Measures Evaluation--not Amenable - Lack Of Data | |
| 7. | EVENT ACTUAL DATE: | 09/15/94 | |
| | SITE EVENT: | Stabilization Measures Evaluation | |

HAZARDOUS WASTES:

- | | | | | |
|-----|-----------------|--------------|------------------|--------|
| 1. | WASTE CODE: | D000 | AMOUNT OF WASTE: | .00000 |
| | SOURCE OF INFO: | Notification | | |
| 2. | WASTE CODE: | D001 | AMOUNT OF WASTE: | .00000 |
| | SOURCE OF INFO: | Notification | | |
| 3. | WASTE CODE: | D002 | AMOUNT OF WASTE: | .00000 |
| | SOURCE OF INFO: | Notification | | |
| 4. | WASTE CODE: | D003 | AMOUNT OF WASTE: | .00000 |
| | SOURCE OF INFO: | Notification | | |
| 5. | WASTE CODE: | D005 | AMOUNT OF WASTE: | .00000 |
| | SOURCE OF INFO: | Notification | | |
| 6. | WASTE CODE: | D007 | AMOUNT OF WASTE: | .00000 |
| | SOURCE OF INFO: | Notification | | |
| 7. | WASTE CODE: | D008 | AMOUNT OF WASTE: | .00000 |
| | SOURCE OF INFO: | Notification | | |
| 8. | WASTE CODE: | F001 | AMOUNT OF WASTE: | .00000 |
| | SOURCE OF INFO: | Notification | | |
| 9. | WASTE CODE: | F002 | AMOUNT OF WASTE: | .00000 |
| | SOURCE OF INFO: | Notification | | |
| 10. | WASTE CODE: | F003 | AMOUNT OF WASTE: | .00000 |
| | SOURCE OF INFO: | Notification | | |
| 11. | WASTE CODE: | F005 | AMOUNT OF WASTE: | .00000 |
| | SOURCE OF INFO: | Notification | | |
| 12. | WASTE CODE: | F010 | AMOUNT OF WASTE: | .00000 |
| | SOURCE OF INFO: | Notification | | |
| 13. | WASTE CODE: | F011 | AMOUNT OF WASTE: | .00000 |
| | SOURCE OF INFO: | Notification | | |

ERIIS ENVIRONMENTAL DATA REPORT
 RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM
 RCRIS_TS - UNPLOTTABLE SITES

ERIIS Report #148270A

Feb 25, 1997

| ERIIS ID EPA ID | FACILITY | ADDRESS |
|--------------------|------------------------------|---------------------------------------|
| 14. | WASTE CODE: P001 | AMOUNT OF WASTE: .00000 |
| | SOURCE OF INFO: Notification | |
| 15. | WASTE CODE: P106 | AMOUNT OF WASTE: .00000 |
| | SOURCE OF INFO: Notification | |
| 16. | WASTE CODE: U031 | AMOUNT OF WASTE: .00000 |
| | SOURCE OF INFO: Notification | |
| 17. | WASTE CODE: U188 | AMOUNT OF WASTE: .00000 |
| | SOURCE OF INFO: Notification | |
| 18. | WASTE CODE: U228 | AMOUNT OF WASTE: .00000 |
| | SOURCE OF INFO: Notification | |
| 19. | WASTE CODE: D000 | AMOUNT OF WASTE: .00100 Pounds |
| | SOURCE OF INFO: Part A | |
| 20. | WASTE CODE: F003 | AMOUNT OF WASTE: 5.00000 Tons |
| | SOURCE OF INFO: Part A | |
| 21. | WASTE CODE: F005 | AMOUNT OF WASTE: 5.00000 Tons |
| | SOURCE OF INFO: Part A | |
| 22. | WASTE CODE: F011 | AMOUNT OF WASTE: .00100 Pounds |
| | SOURCE OF INFO: Part A | |
| 23. | WASTE CODE: D002 | AMOUNT OF WASTE: 10.00000 Tons |
| | SOURCE OF INFO: Part A | |
| 24. | WASTE CODE: D003 | AMOUNT OF WASTE: 1.00000 Tons |
| | SOURCE OF INFO: Part A | |
| 25. | WASTE CODE: D008 | AMOUNT OF WASTE: 30.00000 Tons |
| | SOURCE OF INFO: Part A | |
| 26. | WASTE CODE: F001 | AMOUNT OF WASTE: 5.00000 Tons |
| | SOURCE OF INFO: Part A | |
| 27. | WASTE CODE: F010 | AMOUNT OF WASTE: 1498.67800 Pounds |
| | SOURCE OF INFO: Part A | |
| 28. | WASTE CODE: U188 | AMOUNT OF WASTE: 499.55900 Pounds |
| | SOURCE OF INFO: Part A | |
| 29. | WASTE CODE: P001 | AMOUNT OF WASTE: 42.29800 Metric Tons |
| | SOURCE OF INFO: Part A | |
| 30. | WASTE CODE: D001 | AMOUNT OF WASTE: 17.00000 Tons |
| | SOURCE OF INFO: Part A | |
| 31. | WASTE CODE: D005 | AMOUNT OF WASTE: 1.00000 Tons |
| | SOURCE OF INFO: Part A | |
| 32. | WASTE CODE: D006 | AMOUNT OF WASTE: 1.00000 Tons |
| | SOURCE OF INFO: Part A | |
| 33. | WASTE CODE: D007 | AMOUNT OF WASTE: 4.00000 Tons |
| | SOURCE OF INFO: Part A | |
| 34. | WASTE CODE: F002 | AMOUNT OF WASTE: 5.00000 Tons |
| | SOURCE OF INFO: Part A | |

ERIIS ENVIRONMENTAL DATA REPORT
RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM
RCRIS_LG - UNPLOTTABLE SITES

ERIIS Report #148270A

Feb 25, 1997

| ERIIS ID EPA ID | FACILITY | ADDRESS |
|-----------------------------|------------------------------------|--|
| 36007005299 NYD980764294 | Ilion Broad Of Light Commissioners | West State & Pleasant Ave Ilion, NY 13357 County: Herkimer |

Facility Is Not Reported In Raats

| | | |
|-----------------------------|----------------------|---|
| 36007007087 NYD981489842 | Ilion Central School | Weber Avenue Ilion, NY 13357 County: Herkimer |
|-----------------------------|----------------------|---|

Facility Is Not Reported In Raats

HAZARDOUS WASTES:

| | | | | |
|----|--------------------------------|----------------------|------------------|--------|
| 1. | WASTE CODE: SOURCE OF INFO: | X002 Notification | AMOUNT OF WASTE: | .00000 |
|----|--------------------------------|----------------------|------------------|--------|

| | | |
|-----------------------------|------------------|---|
| 36007011762 NYD986999027 | Nys Thruway Auth | Schuyler Service Area Mp 227.1 Ilion, NY 13357 County: Herkimer |
|-----------------------------|------------------|---|

Facility Is Not Reported In Raats

HAZARDOUS WASTES:

| | | | | |
|----|--------------------------------|----------------------|------------------|--------|
| 1. | WASTE CODE: SOURCE OF INFO: | D001 Notification | AMOUNT OF WASTE: | .00000 |
|----|--------------------------------|----------------------|------------------|--------|

ERIIS ENVIRONMENTAL DATA REPORT
RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM
RCRIS_SG - UNPLOTTABLE SITES

ERIIS Report #148270A

Feb 25, 1997

| ERIIS ID EPA ID | FACILITY | ADDRESS |
|-----------------------------|-------------|---|
| 36008004814 NYD982726549 | B.e. Nugget | West Main Street Ilion, NY 13357 County: Herkimer |

Facility Is Not Reported In Raats

HAZARDOUS WASTES:

| | | | | |
|----|-----------------|--------------|------------------|--------|
| 1. | WASTE CODE: | D000 | AMOUNT OF WASTE: | .00000 |
| | SOURCE OF INFO: | Notification | | |
| 2. | WASTE CODE: | D001 | AMOUNT OF WASTE: | .00000 |
| | SOURCE OF INFO: | Notification | | |
| 3. | WASTE CODE: | F003 | AMOUNT OF WASTE: | .00000 |
| | SOURCE OF INFO: | Notification | | |
| 4. | WASTE CODE: | F005 | AMOUNT OF WASTE: | .00000 |
| | SOURCE OF INFO: | Notification | | |

| | | |
|-----------------------------|--------|---|
| 36008012097 NY0000269910 | Edicks | Old Forge Rd & Rte 51 Corner Ilion, NY 13357 County: Herkimer |
|-----------------------------|--------|---|

Facility Is Not Reported In Raats

HAZARDOUS WASTES:

| | | | | |
|----|-----------------|--------------|------------------|--------|
| 1. | WASTE CODE: | D001 | AMOUNT OF WASTE: | .00000 |
| | SOURCE OF INFO: | Notification | | |
| 2. | WASTE CODE: | X003 | AMOUNT OF WASTE: | .00000 |
| | SOURCE OF INFO: | Notification | | |

ERIIS ENVIRONMENTAL DATA REPORT
 NEW YORK SOLID WASTE FACILITIES
 SWF - UNPLOTTABLE SITES

ERIIS Report #148270A

Feb 25, 1997

| ERIIS ID FACILITY ID | FACILITY | ADDRESS | |
|-------------------------|--|--|--|
| 36018001090 22D05 | Humpf Lcd Lf | Not Reported NY COUNTY: Herkimer | REGULATORY STATUS: Registered PERMIT NO: 0 ISSUE DATE: Not Reported |
| | PHONE #: Not Reported OPERATOR NAME: Jack S. Humpf FACILITY ACTIVITY: Construction And Demolition Debris Landfill WASTE TYPE: Land Clearing Debris | | |
| 36018001095 22R03 | Dan Beebe | Hoke Road NY COUNTY: Herkimer | REGULATORY STATUS: Permit PERMIT NO: 6215200003000011 ISSUE DATE: 06/16/1994 |
| | PHONE #: (315) 858-0113 OPERATOR NAME: Dan Beebe FACILITY ACTIVITY: Small Transfer Station (<50,000 Cy Annually) WASTE TYPE: Demolition | | |
| 36018001098 22R06 | Levitt Commercial Cont. | Not Reported NY COUNTY: Herkimer | REGULATORY STATUS: Permit PERMIT NO: 6214800014000031 ISSUE DATE: Not Reported |
| | PHONE #: Not Reported OPERATOR NAME: David Levitt FACILITY ACTIVITY: Small Transfer Station (<50,000 Cy Annually) WASTE TYPE: Residential, Commercial | | |
| 36018001099 22R07 | Town Of Webb Temp. T.s. | Not Reported NY COUNTY: Herkimer | REGULATORY STATUS: None PERMIT NO: 6215400043000021 ISSUE DATE: Not Reported |
| | PHONE #: Not Reported OPERATOR NAME: George Hildebrant FACILITY ACTIVITY: Small Transfer Station (<50,000 Cy Annually) WASTE TYPE: Residential | | |
| 36018001101 22S01 | Big Moose Slf | Not Reported NY COUNTY: Herkimer | REGULATORY STATUS: None PERMIT NO: 0 ISSUE DATE: Not Reported |
| | PHONE #: Not Reported OPERATOR NAME: Not Reported FACILITY ACTIVITY: Mixed Solid Waste Landfill WASTE TYPE: | | |
| 36018001108 22S08 | Stillwater Slf | Not Reported NY COUNTY: Herkimer | REGULATORY STATUS: None PERMIT NO: 0 ISSUE DATE: Not Reported |
| | PHONE #: Not Reported OPERATOR NAME: Not Reported FACILITY ACTIVITY: Mixed Solid Waste Landfill WASTE TYPE: | | |
| 36018001110 22S70 | Ferdula Lf | Not Reported NY COUNTY: Herkimer | REGULATORY STATUS: None PERMIT NO: 0 ISSUE DATE: Not Reported |
| | PHONE #: Not Reported OPERATOR NAME: Not Reported FACILITY ACTIVITY: Mixed Solid Waste Landfill WASTE TYPE: | | |

ERIIS ENVIRONMENTAL DATA REPORT
NEW YORK SOLID WASTE FACILITIES
SWF - UNPLOTTABLE SITES

ERIIS Report #148270A

Feb 25, 1997

| ERIIS ID FACILITY ID | FACILITY | ADDRESS |
|-------------------------|--|--|
| 36018001111 22S71 | Ilion Lf (v) | Not Reported NY COUNTY: Herkimer |
| PHONE #: | Not Reported | REGULATORY STATUS: None |
| OPERATOR NAME: | Not Reported | PERMIT NO: 0 |
| FACILITY ACTIVITY: | Mixed Solid Waste Landfill | ISSUE DATE: Not Reported |
| WASTE TYPE: | | |
| <hr/> | | |
| 36018001112 22S73 | Herkimer Village Dump | Not Reported NY COUNTY: Herkimer |
| PHONE #: | Not Reported | REGULATORY STATUS: None |
| OPERATOR NAME: | Not Reported | PERMIT NO: 0 |
| FACILITY ACTIVITY: | Mixed Solid Waste Landfill | ISSUE DATE: Not Reported |
| WASTE TYPE: | | |
| <hr/> | | |
| 36018001113 22T01 | Guerriero's T.s. | Not Reported NY COUNTY: Herkimer |
| PHONE #: | Not Reported | REGULATORY STATUS: Construction |
| OPERATOR NAME: | Not Reported | PERMIT NO: 0 |
| FACILITY ACTIVITY: | Large Transfer Station (>50,000 Cy Annually) | ISSUE DATE: 10/01/1992 |
| WASTE TYPE: | Residential | |

ERIIS ENVIRONMENTAL DATA REPORT
CERCLIS NO FURTHER REMEDIAL ACTION PLANNED SITES
NFRAP - UNPLOTTABLE SITES

ERIIS Report #148270A

Feb 25, 1997

| ERIIS ID EPA ID | FACILITY | ADDRESS |
|--------------------|----------|---------|
|--------------------|----------|---------|

| | | |
|-----------------------------|---------------------------|--|
| 36039000395 NYD980506885 | Ilion Lf | East St Ilion, NY 13357 COUNTY: Herkimer |
| | SITE EVENT(S) | COMPLETE DATE |
| | Hazard Ranking Determined | 04/01/83 |
| | Screening Site Inspection | 06/16/88 |
| | Discovery | 04/01/80 |
| | Preliminary Assessment | 04/01/83 |

| | | |
|-----------------------------|------------------------|--|
| 36039000396 NYD980532576 | Sperry Univac | Main St Ilion, NY 13357 COUNTY: Herkimer |
| | SITE EVENT(S) | COMPLETE DATE |
| | Discovery | 06/09/81 |
| | Preliminary Assessment | 06/22/87 |

| | | |
|-----------------------------|------------------------|---|
| 36039000397 NYD980532584 | Sperry Univac | Clark St Ilion, NY 13357 COUNTY: Herkimer |
| | SITE EVENT(S) | COMPLETE DATE |
| | Discovery | 06/09/81 |
| | Preliminary Assessment | 06/11/87 |

ERIIS ENVIRONMENTAL DATA REPORT
NEW YORK PETROLEUM BULK STORAGE FACILITIES
PBS - UNPLOTTABLE SITES

ERIIS Report #148270A

Feb 25, 1997

ERIIS ID
PBS NO.
CBS NO.

FACILITY

ADDRESS

36048009936 Columbia(t) Highway Dept.
6-012203

Columbia Center & Spohn Road
Columbia T, NY 13357
COUNTY: Herkimer

FACILITY TYPE: Other

CONTACT: Town Of Columbia (315) 866-1309

NO. OF TANKS: 6

TOTAL CAPACITY (GAL.): 5125

SITE STATUS: Active

CERTIFICATE DATE: 04/29/1996

EXPIRATION DATE: 09/19/1996

TANK ID: 001 INSTAL. DATE: 10/78 CAPACITY (GAL.): 4000
TANK STATUS: Closed - Removed TANK LOCATION: Underground
PRODUCT STORED: Diesel
TANK TYPE: Steel/carbon Steel
TANK ID: 002 INSTAL. DATE: 10/60 CAPACITY (GAL.): 550
TANK STATUS: Closed - Removed TANK LOCATION: Underground
PRODUCT STORED: Diesel
TANK TYPE: Steel/carbon Steel
TANK ID: 003 INSTAL. DATE: 10/60 CAPACITY (GAL.): 2000
TANK STATUS: Closed Before April 1, 1991 TANK LOCATION: Underground
PRODUCT STORED: Leaded Gasoline
TANK TYPE: Steel/carbon Steel
TANK ID: 004 INSTAL. DATE: 10/78 CAPACITY (GAL.): 550
TANK STATUS: Closed - Removed TANK LOCATION: Underground
PRODUCT STORED: Diesel
TANK TYPE: Steel/carbon Steel
TANK ID: 005 INSTAL. DATE: 08/91 CAPACITY (GAL.): 300
TANK STATUS: In-service TANK LOCATION: Aboveground
PRODUCT STORED: Unleaded Gasoline
TANK TYPE: Steel/carbon Steel
TANK ID: 006 INSTAL. DATE: 09/93 CAPACITY (GAL.): 3000
TANK STATUS: In-service TANK LOCATION: Underground
PRODUCT STORED: Nos. 1, 2 Or 4 Fuel Oil
TANK TYPE: Steel/carbon Steel
TANK ID: 007 INSTAL. DATE: 05/95 CAPACITY (GAL.): 275
TANK STATUS: In-service TANK LOCATION: Aboveground
PRODUCT STORED: Lube Oil
TANK TYPE: Steel/carbon Steel
TANK ID: 008 INSTAL. DATE: 05/95 CAPACITY (GAL.): 275
TANK STATUS: In-service TANK LOCATION: Aboveground
PRODUCT STORED: Lube Oil
TANK TYPE: Steel/carbon Steel
TANK ID: 009 INSTAL. DATE: 08/95 CAPACITY (GAL.): 1000
TANK STATUS: In-service TANK LOCATION: Aboveground
PRODUCT STORED: Diesel
TANK TYPE: Steel/carbon Steel
TANK ID: 010 INSTAL. DATE: 01/92 CAPACITY (GAL.): 275
TANK STATUS: In-service TANK LOCATION: Underground
PRODUCT STORED: C
TANK TYPE: Steel/carbon Steel

36048010283 Chips Service
6-077895

West Main Street
Frankfort T, NY 13357
COUNTY: Herkimer

FACILITY TYPE: Retail Gasoline Sales

CONTACT: James & Richard Dejohn (315) 894-3691

NO. OF TANKS: 4

TOTAL CAPACITY (GAL.): 20300

SITE STATUS: Active

CERTIFICATE DATE: 12/15/1995

EXPIRATION DATE: 01/14/1997

TANK ID: 001 INSTAL. DATE: 09/71 CAPACITY (GAL.): 6000
TANK STATUS: Closed - Removed TANK LOCATION: Underground
PRODUCT STORED: Leaded Gasoline
TANK TYPE: Steel/carbon Steel
TANK ID: 002 INSTAL. DATE: 09/71 CAPACITY (GAL.): 8000
TANK STATUS: Closed - Removed TANK LOCATION: Underground
PRODUCT STORED: Unleaded Gasoline
TANK TYPE: Steel/carbon Steel
TANK ID: 003 INSTAL. DATE: 08/85 CAPACITY (GAL.): 6000
TANK STATUS: Closed - Removed TANK LOCATION: Underground
PRODUCT STORED: Unleaded Gasoline
TANK TYPE: Steel/carbon Steel

ERIS ENVIRONMENTAL DATA REPORT
 NEW YORK PETROLEUM BULK STORAGE FACILITIES
 PBS - UNPLOTTABLE SITES

ERIS Report #148270A

Feb 25, 1997

ERIS ID
 PBS NO.
 CBS NO.

FACILITY

ADDRESS

| | | | |
|-----------------------------------|---------------------|----------------------------|----------------------------|
| TANK ID: 004 | INSTAL. DATE: 00/00 | CAPACITY (GAL.): 2000 | TANK LOCATION: Underground |
| TANK STATUS: Closed - In Place | | TANK LOCATION: Underground | |
| PRODUCT STORED: Empty | | | |
| TANK TYPE: Steel/carbon Steel | | | |
| TANK ID: 5 | INSTAL. DATE: 05/91 | CAPACITY (GAL.): 10000 | TANK LOCATION: Underground |
| TANK STATUS: In-service | | TANK LOCATION: Underground | |
| PRODUCT STORED: Unleaded Gasoline | | | |
| TANK TYPE: Steel/carbon Steel | | | |
| TANK ID: 6 | INSTAL. DATE: 05/91 | CAPACITY (GAL.): 6000 | TANK LOCATION: Underground |
| TANK STATUS: In-service | | TANK LOCATION: Underground | |
| PRODUCT STORED: Unleaded Gasoline | | | |
| TANK TYPE: Steel/carbon Steel | | | |
| TANK ID: 7 | INSTAL. DATE: 05/91 | CAPACITY (GAL.): 4000 | TANK LOCATION: Underground |
| TANK STATUS: In-service | | TANK LOCATION: Underground | |
| PRODUCT STORED: Unleaded Gasoline | | | |
| TANK TYPE: Steel/carbon Steel | | | |
| TANK ID: 8 | INSTAL. DATE: 10/94 | CAPACITY (GAL.): 300 | TANK LOCATION: Aboveground |
| TANK STATUS: In-service | | TANK LOCATION: Aboveground | |
| PRODUCT STORED: C | | | |
| TANK TYPE: Steel/carbon Steel | | | |

36048010315 Ilion Central School Jr-sr Hi Weber Avenue
 6-089133 Ilion V, NY 13357
 COUNTY: Herkimer

FACILITY TYPE:

CONTACT: Mr Donald C Bowck (315) 894-9934

NO. OF TANKS: 0

TOTAL CAPACITY (GAL): 0

SITE STATUS: Inactive
 CERTIFICATE DATE: 03/24/1987
 EXPIRATION DATE: 03/24/1992

| | | | |
|--|---------------------|----------------------------|----------------------------|
| TANK ID: 001 | INSTAL. DATE: 12/56 | CAPACITY (GAL.): 12000 | TANK LOCATION: Underground |
| TANK STATUS: Closed Before April 1, 1991 | | TANK LOCATION: Underground | |
| PRODUCT STORED: Nos. 1, 2 Or 4 Fuel Oil | | | |
| TANK TYPE: Steel/carbon Steel | | | |

36048010621 Schuyler Service Area Nys Thruway Mp 227.1
 6-141380 Schuyler T, NY 13357
 COUNTY: Herkimer

FACILITY TYPE: Retail Gasoline Sales

CONTACT: John M Fraser Service Inc (315) 732-8248

NO. OF TANKS: 7

TOTAL CAPACITY (GAL): 50335

SITE STATUS: Active
 CERTIFICATE DATE: 12/15/1995
 EXPIRATION DATE: 03/10/1997

| | | | |
|-----------------------------------|---------------------|----------------------------|----------------------------|
| TANK ID: 001 | INSTAL. DATE: 12/56 | CAPACITY (GAL.): 10000 | TANK LOCATION: Underground |
| TANK STATUS: Closed - Removed | | TANK LOCATION: Underground | |
| PRODUCT STORED: Diesel | | | |
| TANK TYPE: Steel/carbon Steel | | | |
| TANK ID: 002 | INSTAL. DATE: 12/56 | CAPACITY (GAL.): 10000 | TANK LOCATION: Underground |
| TANK STATUS: Closed - Removed | | TANK LOCATION: Underground | |
| PRODUCT STORED: Unleaded Gasoline | | | |
| TANK TYPE: Steel/carbon Steel | | | |
| TANK ID: 003 | INSTAL. DATE: 12/56 | CAPACITY (GAL.): 10000 | TANK LOCATION: Underground |
| TANK STATUS: Closed - Removed | | TANK LOCATION: Underground | |
| PRODUCT STORED: Unleaded Gasoline | | | |
| TANK TYPE: Steel/carbon Steel | | | |
| TANK ID: 004 | INSTAL. DATE: 12/56 | CAPACITY (GAL.): 10000 | TANK LOCATION: Underground |
| TANK STATUS: Closed - Removed | | TANK LOCATION: Underground | |
| PRODUCT STORED: Unleaded Gasoline | | | |
| TANK TYPE: Steel/carbon Steel | | | |
| TANK ID: 005 | INSTAL. DATE: 12/56 | CAPACITY (GAL.): 10000 | TANK LOCATION: Underground |
| TANK STATUS: Closed - Removed | | TANK LOCATION: Underground | |
| PRODUCT STORED: Leaded Gasoline | | | |
| TANK TYPE: Steel/carbon Steel | | | |
| TANK ID: 006 | INSTAL. DATE: 12/56 | CAPACITY (GAL.): 300 | TANK LOCATION: Underground |
| TANK STATUS: Closed - Removed | | TANK LOCATION: Underground | |
| PRODUCT STORED: Other | | | |
| TANK TYPE: Steel/carbon Steel | | | |

ERIIS ENVIRONMENTAL DATA REPORT
 NEW YORK PETROLEUM BULK STORAGE FACILITIES
 PBS - UNPLOTTABLE SITES

ERIIS Report #148270A

Feb 25, 1997

ERIIS ID
 PBS NO.
 CBS NO.

FACILITY

ADDRESS

| | | |
|--|---------------------|----------------------------|
| TANK ID: 007 | INSTAL. DATE: 12/83 | CAPACITY (GAL.): 550 |
| TANK STATUS: Closed - Removed | | TANK LOCATION: Underground |
| PRODUCT STORED: Nos. 1, 2 Or 4 Fuel Oil | | |
| TANK TYPE: Fiberglass Reinforced Plastic | | |
| TANK ID: 008 | INSTAL. DATE: 12/56 | CAPACITY (GAL.): 10000 |
| TANK STATUS: Closed - Removed | | TANK LOCATION: Underground |
| PRODUCT STORED: Nos. 1, 2 Or 4 Fuel Oil | | |
| TANK TYPE: Steel/carbon Steel | | |
| TANK ID: 9 | INSTAL. DATE: 12/75 | CAPACITY (GAL.): 300 |
| TANK STATUS: Closed - Removed | | TANK LOCATION: Aboveground |
| PRODUCT STORED: Diesel | | |
| TANK TYPE: Steel/carbon Steel | | |
| TANK ID: 1 | INSTAL. DATE: 10/92 | CAPACITY (GAL.): 10000 |
| TANK STATUS: In-service | | TANK LOCATION: Underground |
| PRODUCT STORED: Diesel | | |
| TANK TYPE: Fiberglass Reinforced Plastic | | |
| TANK ID: 2 | INSTAL. DATE: 10/92 | CAPACITY (GAL.): 10000 |
| TANK STATUS: In-service | | TANK LOCATION: Underground |
| PRODUCT STORED: Unleaded Gasoline | | |
| TANK TYPE: Fiberglass Reinforced Plastic | | |
| TANK ID: 3 | INSTAL. DATE: 10/92 | CAPACITY (GAL.): 10000 |
| TANK STATUS: In-service | | TANK LOCATION: Underground |
| PRODUCT STORED: Unleaded Gasoline | | |
| TANK TYPE: Fiberglass Reinforced Plastic | | |
| TANK ID: 4 | INSTAL. DATE: 10/92 | CAPACITY (GAL.): 10000 |
| TANK STATUS: In-service | | TANK LOCATION: Underground |
| PRODUCT STORED: Unleaded Gasoline | | |
| TANK TYPE: Fiberglass Reinforced Plastic | | |
| TANK ID: 5 | INSTAL. DATE: 10/92 | CAPACITY (GAL.): 10000 |
| TANK STATUS: In-service | | TANK LOCATION: Underground |
| PRODUCT STORED: Unleaded Gasoline | | |
| TANK TYPE: Fiberglass Reinforced Plastic | | |
| TANK ID: 6 | INSTAL. DATE: 10/92 | CAPACITY (GAL.): 85 |
| TANK STATUS: In-service | | TANK LOCATION: Aboveground |
| PRODUCT STORED: Other | | |
| TANK TYPE: Steel/carbon Steel | | |
| TANK ID: 10 | INSTAL. DATE: 09/94 | CAPACITY (GAL.): 250 |
| TANK STATUS: In-service | | TANK LOCATION: Aboveground |
| PRODUCT STORED: Diesel | | |
| TANK TYPE: Steel/carbon Steel | | |

36048010680 C. P. Craska, Inc.
 6-228559

Spruce Street Ext.
 Ilion V, NY 13357
 COUNTY: Herkimer

FACILITY TYPE: Trucking/transportation
 CONTACT: C. P. Craska, Inc. (315) 895-7795
 NO. OF TANKS: 1
 TOTAL CAPACITY (GAL): 3000

SITE STATUS: Active
 CERTIFICATE DATE: 04/25/1995
 EXPIRATION DATE: 06/05/1997

| | | |
|-------------------------------|---------------------|----------------------------|
| TANK ID: 002 | INSTAL. DATE: 00/00 | CAPACITY (GAL.): 2000 |
| TANK STATUS: Closed - Removed | | TANK LOCATION: Underground |
| PRODUCT STORED: Diesel | | |
| TANK TYPE: Steel/carbon Steel | | |
| TANK ID: 001 | INSTAL. DATE: 00/00 | CAPACITY (GAL.): 1000 |
| TANK STATUS: Closed - Removed | | TANK LOCATION: Underground |
| PRODUCT STORED: Diesel | | |
| TANK TYPE: Steel/carbon Steel | | |
| TANK ID: 003 | INSTAL. DATE: 03/93 | CAPACITY (GAL.): 3000 |
| TANK STATUS: In-service | | TANK LOCATION: Aboveground |
| PRODUCT STORED: Diesel | | |
| TANK TYPE: Steel/carbon Steel | | |

ERIIS ENVIRONMENTAL DATA REPORT
 NEW YORK PETROLEUM BULK STORAGE FACILITIES
 PBS - UNPLOTTABLE SITES

ERIIS Report #148270A

Feb 25, 1997

ERIIS ID
 PBS NO.
 CBS NO.

FACILITY

ADDRESS

36048011375 Iilon Xtra Mini Mart
 6-461547
 Route 5s, West Main Street
 Iilon V, NY 13357
 COUNTY: Herkimer

FACILITY TYPE: Retail Gasoline Sales
 CONTACT: Mid Valley Oil Co., Inc. (315) 894-2441
 NO. OF TANKS: 5
 TOTAL CAPACITY (GAL): 22000
 SITE STATUS: Active
 CERTIFICATE DATE: 07/30/1993
 EXPIRATION DATE: 10/14/1998

| | | |
|-----------------------------------|---------------------|----------------------------|
| TANK ID: 001 | INSTAL. DATE: 06/85 | CAPACITY (GAL.): 4000 |
| TANK STATUS: In-service | | TANK LOCATION: Underground |
| PRODUCT STORED: Diesel | | |
| TANK TYPE: Steel/carbon Steel | | |
| TANK ID: 002 | INSTAL. DATE: 06/85 | CAPACITY (GAL.): 8000 |
| TANK STATUS: In-service | | TANK LOCATION: Underground |
| PRODUCT STORED: Unleaded Gasoline | | |
| TANK TYPE: Steel/carbon Steel | | |
| TANK ID: 003 | INSTAL. DATE: 06/85 | CAPACITY (GAL.): 8000 |
| TANK STATUS: In-service | | TANK LOCATION: Underground |
| PRODUCT STORED: Unleaded Gasoline | | |
| TANK TYPE: Steel/carbon Steel | | |
| TANK ID: 004 | INSTAL. DATE: 00/00 | CAPACITY (GAL.): 1000 |
| TANK STATUS: In-service | | TANK LOCATION: Aboveground |
| PRODUCT STORED: Kerosene | | |
| TANK TYPE: Steel/carbon Steel | | |
| TANK ID: 005 | INSTAL. DATE: 08/87 | CAPACITY (GAL.): 1000 |
| TANK STATUS: In-service | | TANK LOCATION: Aboveground |
| PRODUCT STORED: Diesel | | |
| TANK TYPE: Steel/carbon Steel | | |

36048011416 Iilon(v) Marina
 6-465828
 Marina Road
 Iilon V, NY 13357
 COUNTY: Herkimer

FACILITY TYPE: Retail Gasoline Sales; Other Retail Sales
 CONTACT: Jerry Thomas (315) 895-7449
 NO. OF TANKS: 2
 TOTAL CAPACITY (GAL): 4000
 SITE STATUS: Active
 CERTIFICATE DATE: 11/29/1993
 EXPIRATION DATE: 01/18/1999

| | | |
|---------------------------------|---------------------|----------------------------|
| TANK ID: 001 | INSTAL. DATE: 06/86 | CAPACITY (GAL.): 2000 |
| TANK STATUS: In-service | | TANK LOCATION: Underground |
| PRODUCT STORED: Leaded Gasoline | | |
| TANK TYPE: Steel/carbon Steel | | |
| TANK ID: 002 | INSTAL. DATE: 06/86 | CAPACITY (GAL.): 2000 |
| TANK STATUS: In-service | | TANK LOCATION: Underground |
| PRODUCT STORED: Diesel | | |
| TANK TYPE: Steel/carbon Steel | | |

36048011593 Litchfield (t) Highway Dept.
 6-502960
 Cedarville Road
 Litchfield T, NY 13357
 COUNTY: Herkimer

FACILITY TYPE:
 CONTACT: Town Of Litchfield (315) 894-2935
 NO. OF TANKS: 5
 TOTAL CAPACITY (GAL): 3050
 SITE STATUS: Active
 CERTIFICATE DATE: 03/27/1995
 EXPIRATION DATE: 05/18/1900

| | | |
|---|---------------------|----------------------------|
| TANK ID: 001 | INSTAL. DATE: 00/00 | CAPACITY (GAL.): 1000 |
| TANK STATUS: In-service | | TANK LOCATION: Aboveground |
| PRODUCT STORED: Diesel | | |
| TANK TYPE: Steel/carbon Steel | | |
| TANK ID: 002 | INSTAL. DATE: 00/00 | CAPACITY (GAL.): 500 |
| TANK STATUS: In-service | | TANK LOCATION: Aboveground |
| PRODUCT STORED: Unleaded Gasoline | | |
| TANK TYPE: Steel/carbon Steel | | |
| TANK ID: 003 | INSTAL. DATE: 10/88 | CAPACITY (GAL.): 275 |
| TANK STATUS: In-service | | TANK LOCATION: Aboveground |
| PRODUCT STORED: Nos. 1, 2 Or 4 Fuel Oil | | |
| TANK TYPE: Steel/carbon Steel | | |

ERIIS ENVIRONMENTAL DATA REPORT
 NEW YORK PETROLEUM BULK STORAGE FACILITIES
 PBS - UNPLOTTABLE SITES

ERIIS Report #148270A

Feb 25, 1997

ERIIS ID
 PBS NO.
 CBS NO.

FACILITY

ADDRESS

| | | |
|---|---------------------|----------------------------|
| TANK ID: 004 | INSTAL. DATE: 10/88 | CAPACITY (GAL.): 275 |
| TANK STATUS: In-service | | TANK LOCATION: Aboveground |
| PRODUCT STORED: Nos. 1, 2 Or 4 Fuel Oil | | |
| TANK TYPE: Steel/carbon Steel | | |
| TANK ID: 005 | INSTAL. DATE: 08/87 | CAPACITY (GAL.): 1000 |
| TANK STATUS: In-service | | TANK LOCATION: Underground |
| PRODUCT STORED: Nos. 1, 2 Or 4 Fuel Oil | | |
| TANK TYPE: Steel/carbon Steel | | |

36048011709 Cedarville Service
 6-508373

Route 51
 Cedarville, NY 13357
 COUNTY: Herkimer

FACILITY TYPE: Retail Gasoline Sales; Other Retail Sales

CONTACT: Iva G. Sterling (315) 822-5321

NO. OF TANKS: 4

TOTAL CAPACITY (GAL.): 5850

SITE STATUS: Active
 CERTIFICATE DATE: 04/26/1996
 EXPIRATION DATE: 01/09/1901

| | | |
|-----------------------------------|---------------------|----------------------------|
| TANK ID: 1 | INSTAL. DATE: 09/90 | CAPACITY (GAL.): 300 |
| TANK STATUS: In-service | | TANK LOCATION: Aboveground |
| PRODUCT STORED: Kerosene | | |
| TANK TYPE: Steel/carbon Steel | | |
| TANK ID: 2 | INSTAL. DATE: 06/87 | CAPACITY (GAL.): 550 |
| TANK STATUS: In-service | | TANK LOCATION: Aboveground |
| PRODUCT STORED: Diesel | | |
| TANK TYPE: Steel/carbon Steel | | |
| TANK ID: 3 | INSTAL. DATE: 05/86 | CAPACITY (GAL.): 2000 |
| TANK STATUS: In-service | | TANK LOCATION: Underground |
| PRODUCT STORED: Unleaded Gasoline | | |
| TANK TYPE: Steel/carbon Steel | | |
| TANK ID: 4 | INSTAL. DATE: 05/86 | CAPACITY (GAL.): 3000 |
| TANK STATUS: In-service | | TANK LOCATION: Underground |
| PRODUCT STORED: Unleaded Gasoline | | |
| TANK TYPE: Steel/carbon Steel | | |

36048011720 B.e. Nugget Auto Sales
 6-515256

West Main Street
 Ilion V, NY 13357
 COUNTY: Herkimer

FACILITY TYPE:

CONTACT: Brad E. Newman (315) 894-9435

NO. OF TANKS: 0

TOTAL CAPACITY (GAL.): 0

SITE STATUS: Inactive
 CERTIFICATE DATE: 02/01/1991
 EXPIRATION DATE: 01/31/1996

| | | |
|-----------------------------------|---------------------|----------------------------|
| TANK ID: 001 | INSTAL. DATE: 00/00 | CAPACITY (GAL.): 8000 |
| TANK STATUS: Closed - Removed | | TANK LOCATION: Underground |
| PRODUCT STORED: Leaded Gasoline | | |
| TANK TYPE: Steel/carbon Steel | | |
| TANK ID: 002 | INSTAL. DATE: 00/00 | CAPACITY (GAL.): 8000 |
| TANK STATUS: Closed - Removed | | TANK LOCATION: Underground |
| PRODUCT STORED: Unleaded Gasoline | | |
| TANK TYPE: Steel/carbon Steel | | |
| TANK ID: 003 | INSTAL. DATE: 00/00 | CAPACITY (GAL.): 8000 |
| TANK STATUS: Closed - Removed | | TANK LOCATION: Underground |
| PRODUCT STORED: Unleaded Gasoline | | |
| TANK TYPE: Steel/carbon Steel | | |
| TANK ID: 004 | INSTAL. DATE: 00/00 | CAPACITY (GAL.): 1000 |
| TANK STATUS: Closed - Removed | | TANK LOCATION: Underground |
| PRODUCT STORED: Other | | |
| TANK TYPE: Steel/carbon Steel | | |

36048011761 Edick's
 6-600031

Route 51 & Old Froge Road
 German Flatts T, NY 13357
 COUNTY: Herkimer

FACILITY TYPE: Other

CONTACT: Eileen Mcintyre (315) 894-3671

NO. OF TANKS: 0

TOTAL CAPACITY (GAL.): 0

SITE STATUS: Inactive
 CERTIFICATE DATE: 05/10/1994
 EXPIRATION DATE: 05/10/1999

ERIIS ENVIRONMENTAL DATA REPORT
 NEW YORK PETROLEUM BULK STORAGE FACILITIES
 PBS - UNPLOTTABLE SITES

ERIIS Report #148270A

Feb 25, 1997

ERIIS ID
 PBS NO.
 CBS NO.

FACILITY

ADDRESS

| | | |
|-----------------------------------|---------------------|----------------------------|
| TANK ID: 001 | INSTAL. DATE: 12/81 | CAPACITY (GAL.): 5000 |
| TANK STATUS: Closed - Removed | | TANK LOCATION: Underground |
| PRODUCT STORED: Leaded Gasoline | | |
| TANK TYPE: Steel/carbon Steel | | |
| TANK ID: 002 | INSTAL. DATE: 12/81 | CAPACITY (GAL.): 2000 |
| TANK STATUS: Closed - Removed | | TANK LOCATION: Underground |
| PRODUCT STORED: Unleaded Gasoline | | |
| TANK TYPE: Steel/carbon Steel | | |
| TANK ID: 003 | INSTAL. DATE: 00/00 | CAPACITY (GAL.): 1000 |
| TANK STATUS: Closed - Removed | | TANK LOCATION: Underground |
| PRODUCT STORED: Kerosene | | |
| TANK TYPE: Steel/carbon Steel | | |

36048046263 Terrace Hill Estates
 6-600244

Mcgowan Road
 Frankfort T, NY 13357
 COUNTY: Herkimer

FACILITY TYPE: Other
 CONTACT: Robert Bushey (315) 732-6136
 NO. OF TANKS: 14
 TOTAL CAPACITY (GAL.): 3850

SITE STATUS: Active
 CERTIFICATE DATE: 06/07/1995
 EXPIRATION DATE: 06/03/1998

| | | |
|---|---------------------|----------------------------|
| TANK ID: 32 | INSTAL. DATE: 00/00 | CAPACITY (GAL.): 275 |
| TANK STATUS: Closed - Removed | | TANK LOCATION: Underground |
| PRODUCT STORED: Kerosene | | |
| TANK TYPE: Steel/carbon Steel | | |
| TANK ID: 34 | INSTAL. DATE: 00/00 | CAPACITY (GAL.): 275 |
| TANK STATUS: In-service | | TANK LOCATION: Underground |
| PRODUCT STORED: Kerosene | | |
| TANK TYPE: Steel/carbon Steel | | |
| TANK ID: 57 | INSTAL. DATE: 00/00 | CAPACITY (GAL.): 275 |
| TANK STATUS: In-service | | TANK LOCATION: Underground |
| PRODUCT STORED: Kerosene | | |
| TANK TYPE: Steel/carbon Steel | | |
| TANK ID: 53 | INSTAL. DATE: 00/00 | CAPACITY (GAL.): 275 |
| TANK STATUS: In-service | | TANK LOCATION: Underground |
| PRODUCT STORED: Kerosene | | |
| TANK TYPE: Steel/carbon Steel | | |
| TANK ID: 52 | INSTAL. DATE: 00/00 | CAPACITY (GAL.): 275 |
| TANK STATUS: In-service | | TANK LOCATION: Underground |
| PRODUCT STORED: Kerosene | | |
| TANK TYPE: Steel/carbon Steel | | |
| TANK ID: 48 | INSTAL. DATE: 00/00 | CAPACITY (GAL.): 275 |
| TANK STATUS: In-service | | TANK LOCATION: Underground |
| PRODUCT STORED: Kerosene | | |
| TANK TYPE: Steel/carbon Steel | | |
| TANK ID: 95 | INSTAL. DATE: 00/00 | CAPACITY (GAL.): 275 |
| TANK STATUS: In-service | | TANK LOCATION: Underground |
| PRODUCT STORED: Kerosene | | |
| TANK TYPE: Steel/carbon Steel | | |
| TANK ID: 98 | INSTAL. DATE: 00/00 | CAPACITY (GAL.): 275 |
| TANK STATUS: Closed - Removed | | TANK LOCATION: Underground |
| PRODUCT STORED: Kerosene | | |
| TANK TYPE: Steel/carbon Steel | | |
| TANK ID: 36 | INSTAL. DATE: 00/00 | CAPACITY (GAL.): 275 |
| TANK STATUS: Temporarily Out-of-service | | TANK LOCATION: Underground |
| PRODUCT STORED: Kerosene | | |
| TANK TYPE: Steel/carbon Steel | | |
| TANK ID: 37 | INSTAL. DATE: 00/00 | CAPACITY (GAL.): 275 |
| TANK STATUS: Temporarily Out-of-service | | TANK LOCATION: Underground |
| PRODUCT STORED: Kerosene | | |
| TANK TYPE: Steel/carbon Steel | | |
| TANK ID: 56 | INSTAL. DATE: 00/00 | CAPACITY (GAL.): 275 |
| TANK STATUS: Temporarily Out-of-service | | TANK LOCATION: Underground |
| PRODUCT STORED: Kerosene | | |
| TANK TYPE: Steel/carbon Steel | | |
| TANK ID: 54 | INSTAL. DATE: 00/00 | CAPACITY (GAL.): 275 |
| TANK STATUS: Temporarily Out-of-service | | TANK LOCATION: Underground |
| PRODUCT STORED: Kerosene | | |
| TANK TYPE: Steel/carbon Steel | | |

ERIS ENVIRONMENTAL DATA REPORT
 NEW YORK PETROLEUM BULK STORAGE FACILITIES
 PBS - UNPLOTTABLE SITES

ERIS Report #148270A

Feb 25, 1997

ERIS ID
 PBS NO.
 CBS NO.

FACILITY

ADDRESS

| | | |
|---|---------------------|----------------------------|
| TANK ID: 51 | INSTAL. DATE: 00/00 | CAPACITY (GAL.): 275 |
| TANK STATUS: Temporarily Out-of-service | | TANK LOCATION: Underground |
| PRODUCT STORED: Kerosene | | |
| TANK TYPE: Steel/carbon Steel | | |
| TANK ID: 42 | INSTAL. DATE: 00/00 | CAPACITY (GAL.): 275 |
| TANK STATUS: Temporarily Out-of-service | | TANK LOCATION: Underground |
| PRODUCT STORED: Kerosene | | |
| TANK TYPE: Steel/carbon Steel | | |
| TANK ID: 84 | INSTAL. DATE: 00/00 | CAPACITY (GAL.): 275 |
| TANK STATUS: Closed - Removed | | TANK LOCATION: Underground |
| PRODUCT STORED: Kerosene | | |
| TANK TYPE: Steel/carbon Steel | | |
| TANK ID: 59 | INSTAL. DATE: 00/00 | CAPACITY (GAL.): 275 |
| TANK STATUS: Temporarily Out-of-service | | TANK LOCATION: Underground |
| PRODUCT STORED: Kerosene | | |
| TANK TYPE: Steel/carbon Steel | | |
| TANK ID: 60 | INSTAL. DATE: 00/00 | CAPACITY (GAL.): 275 |
| TANK STATUS: Closed - Removed | | TANK LOCATION: Underground |
| PRODUCT STORED: Kerosene | | |
| TANK TYPE: Steel/carbon Steel | | |
| TANK ID: 70 | INSTAL. DATE: 00/00 | CAPACITY (GAL.): 275 |
| TANK STATUS: Closed - Removed | | TANK LOCATION: Underground |
| PRODUCT STORED: Kerosene | | |
| TANK TYPE: Steel/carbon Steel | | |
| TANK ID: 16 | INSTAL. DATE: 00/00 | CAPACITY (GAL.): 275 |
| TANK STATUS: Temporarily Out-of-service | | TANK LOCATION: Underground |
| PRODUCT STORED: Kerosene | | |
| TANK TYPE: Steel/carbon Steel | | |
| TANK ID: 85 | INSTAL. DATE: 00/00 | CAPACITY (GAL.): 275 |
| TANK STATUS: Closed - Removed | | TANK LOCATION: Underground |
| PRODUCT STORED: Nos. 1, 2 Or 4 Fuel Oil | | |
| TANK TYPE: Steel/carbon Steel | | |

36048046745 Ilion Water Treatment Plant Elizabethtown Road
 6-600328 German Flatts T, NY 13357
 COUNTY: Herkimer

| | | |
|-------------------------|--|------------------------------|
| FACILITY TYPE: Other | CONTACT: Ilion Water Commission (315) 895-7711 | SITE STATUS: Inactive |
| NO. OF TANKS: 0 | | CERTIFICATE DATE: 02/03/1994 |
| TOTAL CAPACITY (GAL): 0 | | EXPIRATION DATE: 02/03/1999 |

| | | |
|---|---------------------|----------------------------|
| TANK ID: 2 | INSTAL. DATE: 00/00 | CAPACITY (GAL.): 2000 |
| TANK STATUS: Closed - Removed | | TANK LOCATION: Underground |
| PRODUCT STORED: Nos. 1, 2 Or 4 Fuel Oil | | |
| TANK TYPE: Steel/carbon Steel | | |

36048047900 M & L Farms Route 51
 6-600427 Cedarville, NY 13357
 COUNTY: Herkimer

| | | |
|----------------------------|--|------------------------------|
| FACILITY TYPE: Farm | CONTACT: Stanley Morris (315) 822-5372 | SITE STATUS: Active |
| NO. OF TANKS: 3 | | CERTIFICATE DATE: 05/03/1995 |
| TOTAL CAPACITY (GAL): 1550 | | EXPIRATION DATE: 05/01/1900 |

| | | |
|-----------------------------------|---------------------|----------------------------|
| TANK ID: 1 | INSTAL. DATE: 00/00 | CAPACITY (GAL.): 300 |
| TANK STATUS: In-service | | TANK LOCATION: Aboveground |
| PRODUCT STORED: Diesel | | |
| TANK TYPE: Steel/carbon Steel | | |
| TANK ID: 2 | INSTAL. DATE: 00/00 | CAPACITY (GAL.): 250 |
| TANK STATUS: In-service | | TANK LOCATION: Aboveground |
| PRODUCT STORED: Diesel | | |
| TANK TYPE: Steel/carbon Steel | | |
| TANK ID: 3 | INSTAL. DATE: 00/00 | CAPACITY (GAL.): 1000 |
| TANK STATUS: In-service | | TANK LOCATION: Aboveground |
| PRODUCT STORED: Unleaded Gasoline | | |
| TANK TYPE: Steel/carbon Steel | | |

APPENDIX C

SITE INSPECTION CHECKLIST

| | | | |
|-------------------------------|--|-------------|-----------------|
| Site Name | ALDI ILLION | Project No. | 6201.14.02 |
| Name of Inspector | MIKE LOUX | Date/Time | 2/20/97 8:30 |
| People Accompanying Inspector | MARK GREEN (OWNER) BRUCE WARD (BROKER) | | |

NOTES/COMMENTS
 SUNS TRAIL (ASBESTOS)
 LEW KIBLING (ALDI)

1. GROUNDS

topography GENERALLY FLAT

acreage _____

fencing CHAINLINK, WIRE, POST & RAIL, STOCKADE TO N. SIDE

paved areas ASPHALT & GRAVEL IN SOME AREAS

adjoining roads CENTRAL AVE

2. BUILDINGS

| | | | | | |
|----------------|---------------------------------------|---|--|--|---|
| number | <u>FIVE</u> | | | | |
| square footage | <u>168</u> 130x25 | <u>168</u> 130x40 | <u>166</u> 2600 ft ² | <u>176</u> 1200 ft ² | <u>-</u> 2000 ft ² ? |
| age | <u>?</u> WOOD FRAM. CEMENT SLAB | <u>? old</u> PITCHED TAR ROOF WOOD | <u>? NEW</u> STEEL SIDING, FLAT FF. CEMENT BLOCK | <u>? 20-30</u> WOOD FRAM. PITCHED ROOF SHINGLES | <u>? NEW</u> CEMENT BLOCK FLAT ROOF |
| condition | <u>GOOD</u> | <u>POOR</u> | <u>GOOD</u> | <u>GOOD-POOR</u> | <u>GOOD</u> |

3. UTILITIES

| | | | | | |
|--------------------------|--|-------------------------|-------------------------|------------------------------|-------------------------|
| heating (oil, elec, gas) | <u>NO HEAT</u> ELEC | <u>ELEC</u> GAS HEAT | <u>ELEC</u> OIL HEAT | <u>ELEC, GAS</u> OIL HEAT | <u>ELEC</u> OIL HEAT |
| water supply (wells?) | <u>NO</u> <u>MUNICIPAL</u> | | | | |
| sanitary sewer | <u>NO</u> | <u>YES</u> | <u>YES</u> | <u>YES</u> | <u>YES</u> |
| storm sewer | <u>NO</u> <u>YES ON CENTRAL AVE ONLY</u> | | | | |
| septic sytem | <u>NO</u> | <u>NO</u> | <u>NO</u> | <u>NO</u> | <u>NO</u> |

SITE INSPECTION CHECKLIST

4. WATER FEATURES

springs or seeps NONE
 swamps or wetlands CATTAILS IN SWALE AROUND PERIMETER OF PROPERTY
 streams NONE
 direction of runoff NORTH

5. CURRENT USE OF PROPERTY

2 VACANT WAREHOUSES, RESIDENTIAL,
COMMERCIAL PROPERTIES.

6. ADJACENT LAND USE

north ROUTE 55, RIVER, RAIL S, THRUWAY, WOODED PROP
 south COMMERCIAL PROPERTIES
 east WOODED, PLAYING FIELDS
 west RESIDENTIAL, LIGHT INDUSTRIAL

7. HAZARDOUS SUBSTANCES/PETROLEUM PRODUCTS (USE, STORAGE, and DISPOSAL)

products used NONE SAVE HEATING OIL
 quantity used NOT APPLICABLE (N/A)
 USTs/ASTs (or other) 2 USTs 2 ASTs
 number UST 1 UST 2 AST 1 AST 2
 size 1000 550 275 275
 age ? < 20 yrs ? < 20 yrs ? NEW
 general condition ? ? GOOD NEW
 spill containment NONE
 leak detection equip. NONE

SITE INSPECTION CHECKLIST

security and access FENCED NONE (INSIDE BUILDING)

disposal info. NONE

8. WASTE EVIDENCE OR MATERIALS WITH THREAT OF RELEASE

drums or barrels 3 DRUMS (INTACT RUSTED NO LABELS FROZEN

(contents/labels) TO GROUND OTHER TWO IN PIECES

solid waste BED SPRINGS OLD CHAIR

stained soil NONE OBSERVED

noxious odors NONE DETECTED

stressed vegetation NONE OBSERVED

pools of liquid NONE OBSERVED

pits, ponds, or lagoons NONE OBSERVE

evidence of filling NONE OBSERVED

elec. equip. w/PCBs NONE POLE TRANSFORMERS ON LOT 1

floor drains IN 166 central fl. drains connected to sewer

9. OTHER ISSUES

existing permits NONE

MSD Sheets NONE

ACMs STRONG POTENTIAL SUNSTREAK ON SITE PERFORMING SURVEY

lead paint

air emissions NONE

APPENDIX D



Photograph 1. View looking east of residence at 176 Central Avenue.



Photograph 2. View looking east of four stall garage behind residence.



Photograph 3. View looking east of plumbing warehouse at 168 Central Ave.



Photograph 4. View looking east towards building at 166 Central Avenue which is partially shown and identified by Green and Sons sign.



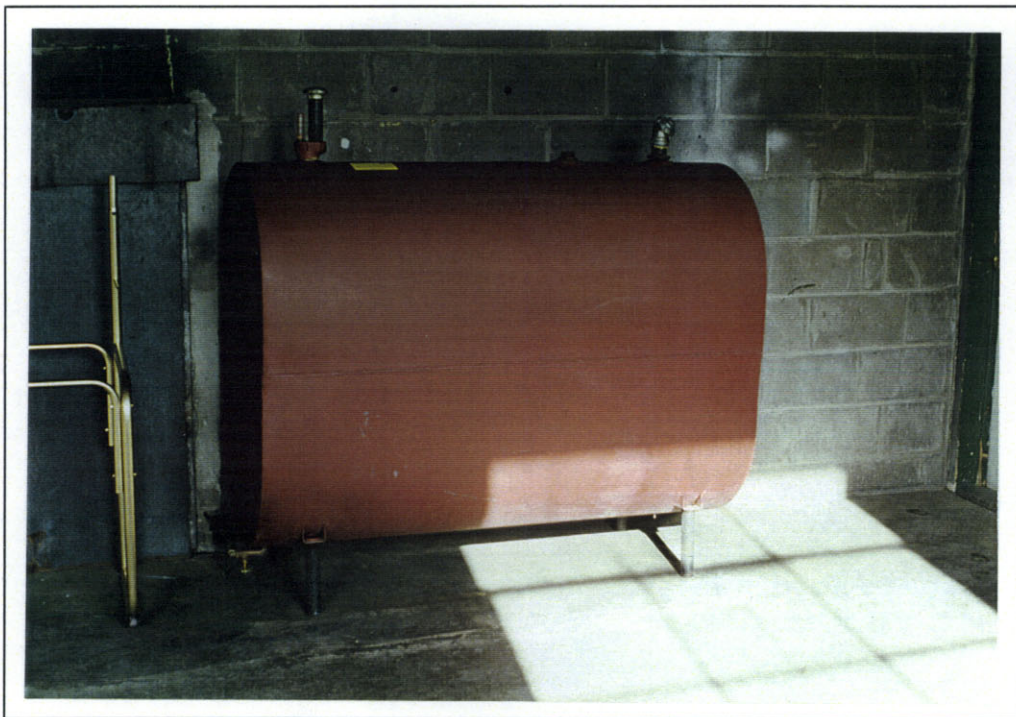
Photograph 5. Heavily rusted and empty drum located to eastern edge of subject site.



Photograph 6. Piece of rusted drum to southeastern edge of subject site.



Photograph 7. Heavily rusted and intact drum located to southeastern edge of subject site.



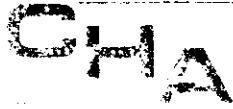
Photograph 8. Aboveground storage tank in 166 Central Avenue.



Photograph 9. View looking north from subject site along Central Avenue.



Photograph 10. View looking south from subject site along Central Avenue.



**CLOUGH, HARBOUR
& ASSOCIATES LLP**
ENGINEERS, SURVEYORS, PLANNERS
& LANDSCAPE ARCHITECTS

109 SOUTH WARREN STREET, SUITE 1300
STATE TOWER BUILDING
SYRACUSE, NEW YORK 13202
TEL: 315-471-3920 • FAX: 315-471-3569

March 7, 1997

Mr. Lew Kibling
Aldi Inc.
PO Box 584
Tully, NY 13159

**Re: SUPPLEMENT TO PHASE I ENVIRONMENTAL SITE ASSESSMENT
PROPOSED ALDI LOCATION, 166-178 CENTRAL AVE, TOWN OF ILION, NY
CHA FILE NO. 6201.14.02**

Dear Mr. Kibling:

Per your verbal request, Clough, Harbour & Associates LLP (CHA) has performed an additional investigation at the proposed location of an Aldi Store at 166-178 Central Avenue in Ilion, New York. The investigation was intended to supplement a Phase I Environmental Site Assessment completed by CHA March 5, 1997. In the Phase I ESA, CHA found that 166 Central Avenue was a service station until 1966. Sanborn Fire Insurance Maps from 1950 depicted underground storage tanks on the north and east sides of the building. The objective of this supplemental investigation was to search in areas around the building that might contain any remaining underground storage tanks.

The field investigation consisted of a surface geophysical survey. The intent of the surface geophysical survey was to search for magnetic anomalies that might represent buried underground storage tanks. The survey was conducted using a Schonstedt magnetic locator over a grid, spaced at a 5 foot interval. The grid was extended 20 feet to the north, south and east of the building at 166 Central Avenue. The effective depth of penetration for large objects (such as tanks) for this instrument is approximately 15 feet. Metallic objects are identified by the instrument with an audio signal. Background audio signals were calibrated from an open field on the subject site and a positive audio signal was calibrated over a known 550 gallon underground storage tank on the subject site at 176 Central Avenue.

Elevated audio signals, not attributable to surface metal, were identified as anomalous areas. Four anomalous areas were identified as potentially containing subsurface metallic objects. These areas are depicted on the attached Figure 1. Following the initial survey, the magnetic locator was used over a smaller grid to further delineate each of the anomalous areas. Anomalous area A produced a clear high tone indicating a buried metallic object roughly two feet by two feet in size. Anomalous areas B and C produced signals slightly elevated from the background level however, these signals did not clearly indicate a buried metallic object. Anomalous area D produced a clear high tone indicating a buried



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Mr. Lew Kibling
Aldi Inc.

March 7, 1997
Page 2

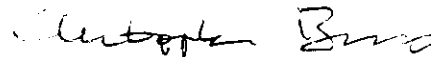
metallic object less than 5 feet long. This tone was indicative of a buried metallic object however, it was different from the audio tone observed during calibration over the known underground storage tank.

The results of this investigation revealed two anomalous areas surrounding the building at 166 Central Avenue that are interpreted to be buried metallic objects. It is unknown whether these anomalies represent underground storage tanks. Note that gasoline odors were detected in soil borings drilled during a recent geotechnical investigation conducted by CHA near anomalies A and C.

Should you have any questions or require additional information, please do not hesitate to contact our office in Syracuse at (315) 471-3920.

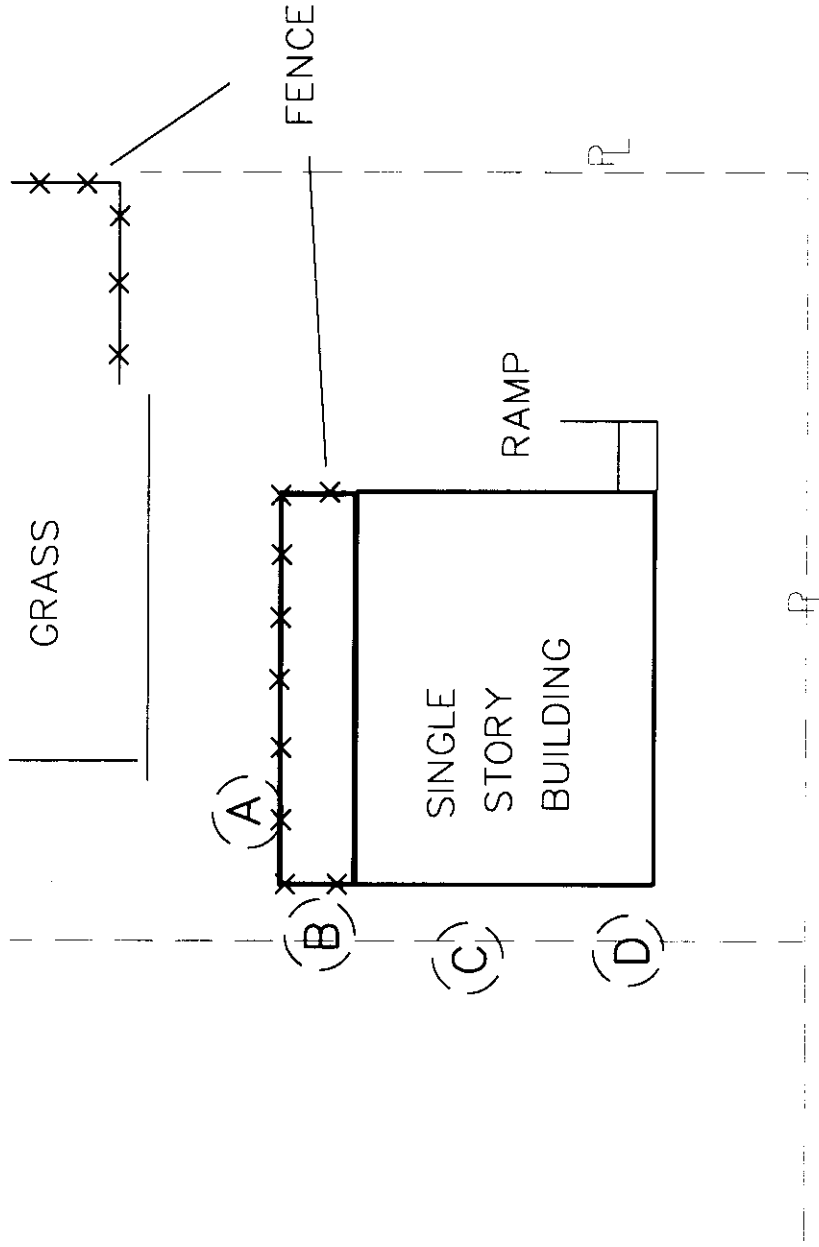
Very truly yours,

CLOUGH, HARBOUR & ASSOCIATES LLP
ENGINEERS, SURVEYORS, PLANNERS
& LANDSCAPE ARCHITECTS



Christopher Burns, Ph.D., P.G.
Principal Scientist

CB/jlw
attachment

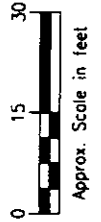


CENTRAL AVENUE (ROUTE 51)

Drawing No. **FIGURE 1**

166 - 178 CENTRAL AVE
 TOWN OF LYON HERKIMER COUNTY NEW YORK
SITE SCHEMATIC
 DATE: MARCH / 2014
 SCALE: 1" = 30'

CHA
CLOUGH, HARBOUR & ASSOCIATES LLP
 ENGINEERS, SURVEYORS, PLANNERS & LANDSCAPE ARCHITECTS
 109 SOUTH WARREN ST., SYRACUSE, N.Y. 13202
 315.471.1920
 CHA Project No. 120114.02



ALDI INC.

PHASE II ENVIRONMENTAL SITE ASSESSMENT REPORT

**PROPOSED ALDI STORE
166-178 CENTRAL AVENUE
ILION, NEW YORK**

Prepared For:

**ALDI, INC.
P.O. BOX 584
TULLY, NY 13159**

April 18, 1997

CHA Project No. 6201.14.03

Prepared By:

**CLOUGH, HARBOUR & ASSOCIATES LLP
ENGINEERS, SURVEYORS, PLANNERS
& LANDSCAPE ARCHITECTS
109 S. Warren Street, Suite 1300
Syracuse, New York 13202
(315) 471-3920**

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- Appendix B - Well Sampling Logs
- Appendix C - Laboratory Data Sheets and Chain-of-Custody Forms

1.0 INTRODUCTION

Clough, Harbour & Associates LLP (CHA) was retained by Aldi, Inc. in March 1997 to perform a limited Phase II Environmental Site Investigation at the proposed location of an Aldi Store at 166-178 Central Avenue in Ilion, New York. As part of a Phase I Environmental Site Assessment completed by CHA in early March, it was determined that the property at 166 Central Avenue had been a gasoline service station from the mid 1930s until 1966 and had been a fuel oil distributor from 1966 to 1992. Additionally, during a geotechnical soils investigation conducted by CHA in early March 1997, the drilling subcontractor, SJB Services Inc. (SJB), noted "fuel oil" odors in four (4) subsurface borings. Finally, CHA was present when the site owner recently removed an underground storage tank and noted petroleum odors in the soil around the tank. The two objectives of this supplemental investigation were to:

- determine the source of the petroleum odors and, if possible, delineate the approximate extent of soil contamination.
- determine the presence or absence of petroleum compounds in groundwater.

This report summarizes the results of the Phase I ESA, the methods and procedures used to conduct this investigation, and the results of this investigation. This investigation was completed in March 1997.

2.0 SITE DESCRIPTION

The subject site is composed of five adjoining parcels located at 166 - 178 Central Avenue, in the Town of Ilion, Herkimer County, New York (Figure 1). The total site area is approximately 4.3 acres. The separate parcels comprising the subject site consist of both commercial and residential properties. The primary parcel of interest was 166 Central Avenue.

The parcel identified as 166 Central Avenue is $0.7 \pm$ acres in area and includes one building, a paved parking area and a grass yard. This building is a single story commercial building constructed of cement blocks with a flat roof.

3.0 SITE BACKGROUND

A Phase I Environmental Site Assessment (ESA) of the site was completed in March 1997 by CHA. The ESA found that two underground storage tanks (UST), used for heating oil, were located on the subject site. A 1,000 gallon UST, recently removed by the owner, was located on the southeast side of the building at 166 Central Avenue. A 550 UST is located at 178 Central Avenue. The ESA revealed that a gasoline station was in operation at 166 Central Avenue from at least 1936 until 1966. The ESA also revealed the subject site is located less than 0.25 miles downgradient from a petroleum spill that had affected the groundwater. Additionally, a geotechnical soil investigation performed concurrently with the Phase I ESA identified "fuel oil" odors in four borings on the subject site.

4.0 FIELD INVESTIGATION

The field investigation consisted of two elements: a subsurface Geoprobe investigation, and groundwater sampling of three temporary groundwater monitoring wells. The intent of the subsurface Geoprobe investigation was to identify the potential contamination detected during the geotechnical soils investigation associated with the removed UST, the reported upgradient spill, or with the previous gas station. The intent of the groundwater sampling was to obtain current information on groundwater quality.

4.1 SUBSURFACE GEOPROBE INVESTIGATION

On March 21, 1997, Lebanon Valley Landscaping, under subcontract to CHA, was on site to perform a subsurface Geoprobe investigation. Using a Geoprobe GH-40, ten (10) borings were initially advanced near the former location of the 1,000 gallon UST and in those areas identified

during the geotechnical soil investigation noted to have a “fuel oil” odor (Figure 2). Soils were monitored with an HNu photoionization detector and logged by a CHA geologist on site. Additional Geoprobe borings were advanced in a radiating pattern from those borings identified as containing petroleum odors. Geoprobe borings were advanced between 5 and 12 feet below the surface, and were limited in depth by the water table. Boring logs describing the materials encountered in each Geoprobe boring logs are included in Appendix A.

4.2 GROUND WATER SAMPLING

Three temporary monitoring wells were installed on-site by Lebanon Valley Landscaping on March 21, 1997. A 5 foot long, 0.010-inch PVC well screen was manually inserted into three Geoprobe borings (GP-1, GP-2 and GP-3). These wells were installed adjacent to the area that previously contained the 1,000 gallon UST. Ground-water samples were collected from these temporary on-site monitoring wells (TW-1, TW-2 and TW-3) by CHA personnel on March 21, 1997 and submitted to Upstate Laboratories for analyses of a select group of volatile organic compounds by EPA method 8021 and a select group of semi-volatile organic compounds by EPA method 8270. Well sampling logs are included in Appendix B.

5.0 RESULTS

5.1 EXTENT OF SOIL CONTAMINATION

As observed from the Geoprobe soil borings, fill materials consisting of silty sand and gravel are present from land surface to depths of approximately 4 to 10 feet below grade. Several borings identified fill that included rags, glass, wood, brick, charcoal, and coarse gravel. Native material consisting of silt and some fine sand and organic materials was encountered below the fill. The water table was encountered between 4 and 8 feet below grade.

Elevated soil gas readings, identified by HNu readings over 50 ppm were identified in four (4) of the borings (GP-1, GP-4, GP-6 and GP-9). The soils emitting elevated soil gas readings

were encountered within the first four feet of the surface and extended down to at least 12 feet. Geoprobe borings could not be advanced deeper because saturated soils began to collapse into the hole at this depth. The extent of contamination, based on soil gas readings greater than 50 parts per million (ppm), is delineated on Figure 2. Visual evidence of contamination, in the form of staining, was observed only in soils from boring GP-1, immediately adjacent to the former UST location.

5.2 GROUND WATER QUALITY

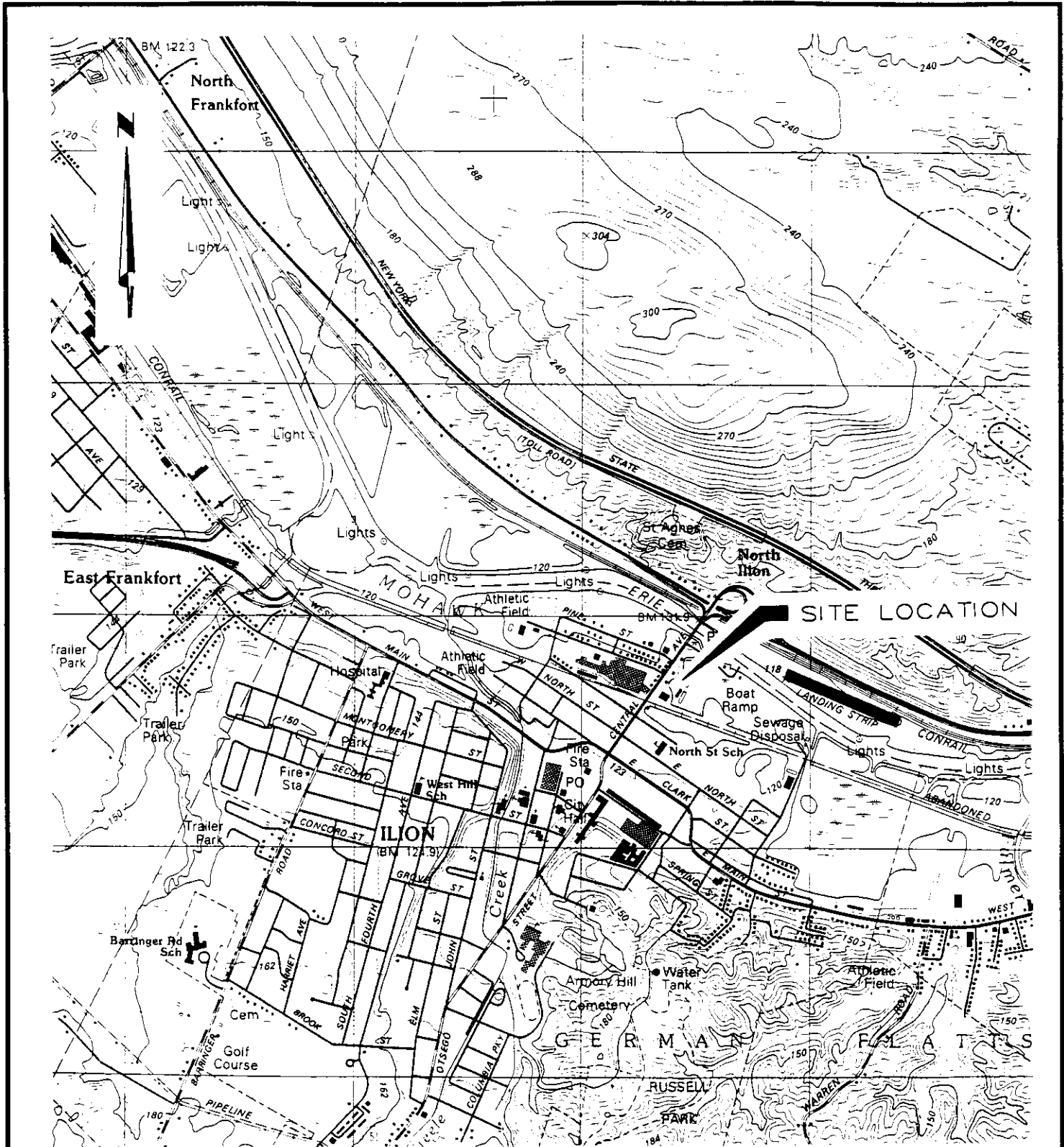
As discussed above, temporary wells were installed in only three of the ten borings advanced. However, it is important to note that a sheen was observed on the water in borings GP-1, GP-4, GP-5, GP-9, and GP-10. The sheen is presumably related to the presence of petroleum compounds in the groundwater.

The results of the groundwater sample analyses from temporary wells TW-1, TW-2, and TW-3 are summarized in Table 1, with the complete laboratory data report and Chain-of-Custody form included in Appendix C. The results indicate that low concentrations of several volatile and semi-volatile organic compounds were detected in all three (3) temporary wells. Given that these wells were not installed and developed as permanent monitoring points, the concentrations reported should be considered approximate. Parameter concentrations that exceed NYSDEC groundwater standards are shaded on Table 1. Only temporary well TW-1 contained petroleum compounds in concentrations exceeding NYSDEC standards. Temporary well TW-1 was installed immediately adjacent to the former location of the 1,000 gallon UST. Again, considering the reported values as approximate, it appears that groundwater quality has been impacted in the immediate vicinity of the former tank.

6.0 SUMMARY

CHA advanced ten borings using the Geoprobe method in a radiating pattern outward from an area that formerly contained a 1,000 gallon fuel oil underground storage tank. Stained soils were only observed in one boring (GP-1), advanced immediately adjacent to the former tank location. However, soil gas concentrations in excess of 50 ppm were exhibited in soils from three other borings. The actual limit of soil contamination can only be determined through further field investigation and laboratory analysis of soil samples. The groundwater in the immediate vicinity of the former UST also appears to be impacted, with petroleum compounds in one well (TW-1) exceeding NYSDEC water quality standards.

FIGURES



SOURCE: USGS ILION, N.Y. QUADRANGLE



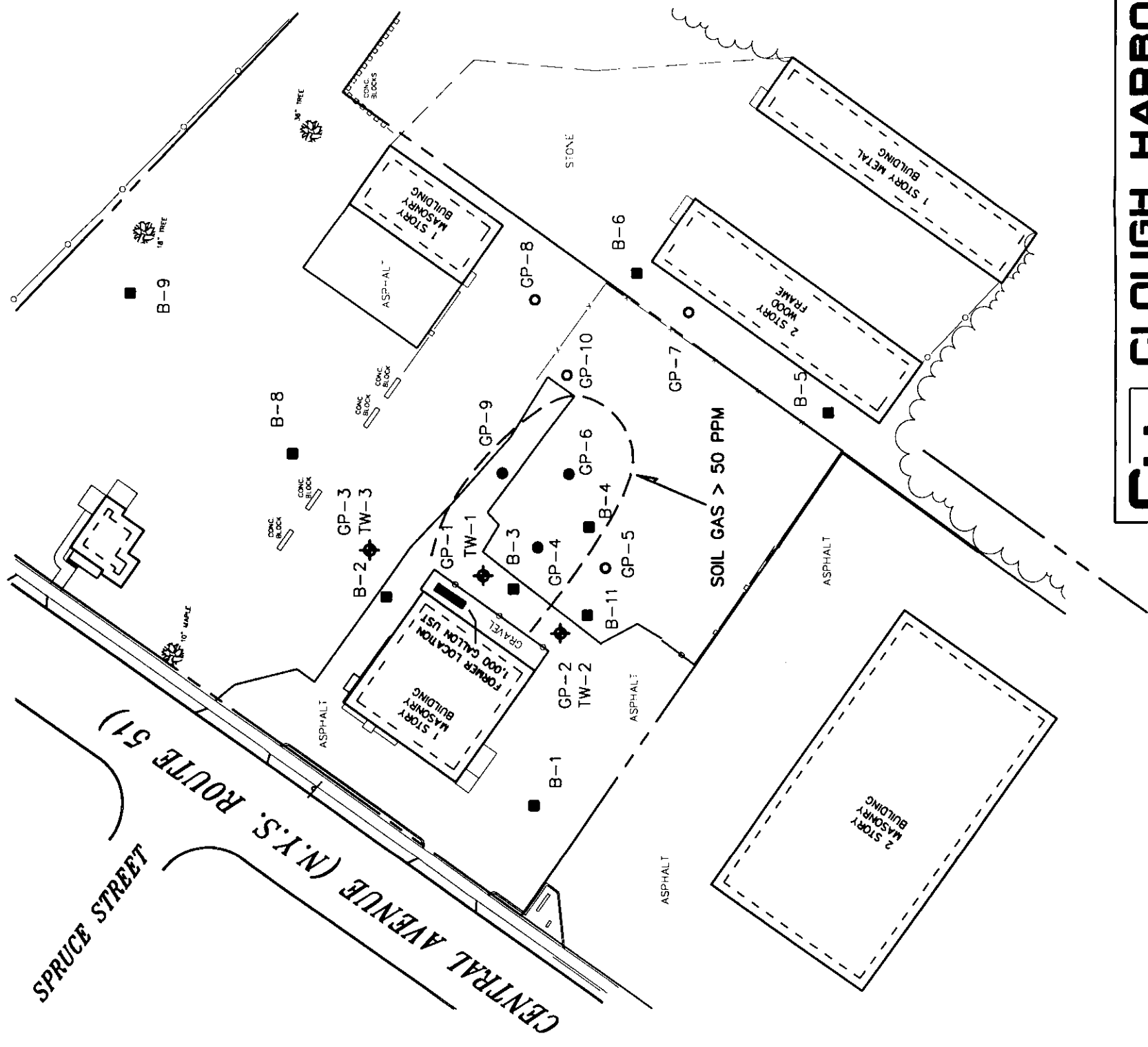
CLOUGH, HARBOUR & ASSOCIATES LLP

ENGINEERS, SURVEYORS, PLANNERS & LANDSCAPE ARCHITECTS

109 SOUTH WARREN STREET SYRACUSE, NEW YORK - 13202
315-471-3920

CHA FILE NO. 6201.14.02 SCALE: 1" = 2000'

FIGURE 1
SITE LOCATION MAP
166-178 CENTRAL AVE.
ILION, NEW YORK



LEGEND

- B-9 GEOTECHNICAL BORING
- GP-8 GEOPROBE BORING
HNH READING < 50 PPM
- GP-4 GEOPROBE BORING
HNH READING > 50 PPM
- ◆ TW-3 TEMPORARY WELL

NOTES:

BASED ON MAPPING PREPARED BY
CLOUGH, HARBOUR & ASSOCIATES L.L.P.
FROM A MARCH, 1997 FIELD SURVEY.

**FIGURE 2
SITE MAP**

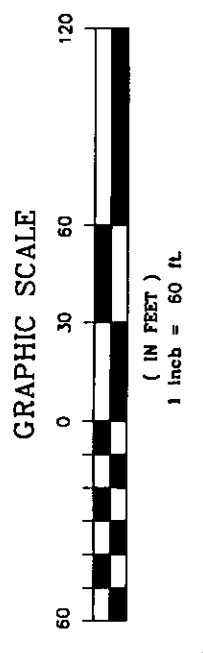
PROPOSED ALDI LOCATION

166-178 CENTRAL AVENUE ILION, NEW YORK

CHA
DRAWING COPYRIGHT © 1997
CLOUGH, HARBOUR & ASSOCIATES LLP
ENGINEERS, SURVEYORS, PLANNERS
& LANDSCAPE ARCHITECTS
109 SOUTH WARREN STREET SYRACUSE, NEW YORK 13202

PROJ. NO. 6201.14.03

DATE: APRIL 1997



SPRUCE STREET
CENTRAL AVENUE (N.Y.S. ROUTE 51)



TABLES

TABLE 1
GROUNDWATER SAMPLE RESULTS
(March 1997)

| TEST PARAMETER (ug/l) | TW-1 | TW-2 | TW-3 | NYSDEC Standard* |
|--------------------------|------|------|------|---------------------|
| benzene | <3 | <3 | <3 | 5 |
| ethylbenzene | <3 | <3 | <3 | 5 |
| toluene | <3 | <3 | <3 | 5 |
| m-xylene and p-xylene | <3 | <3 | <3 | 5 |
| o-xylene | <3 | <3 | <3 | 5 |
| isopropylbenzene | 22 | 10 | <3 | 5 |
| n-propylbenzene | 28 | 3 | <3 | 5 |
| p-isopropyltoluene | <3 | <3 | <3 | 5 |
| 1,2,4-trimethylbenzene | 10 | <3 | <3 | 5 |
| 1,3,5-trimethylbenzene | <3 | <3 | <3 | 5 |
| n-butylbenzene | 14 | <3 | <3 | 5 |
| sec-butylbenzene | 12 | <3 | <3 | 5 |
| t-butylbenzene | <3 | <3 | 3 | 5 |
| naphthalene | <3 | <3 | <3 | 5 |
| MTBE | <50 | <50 | <50 | 5 |
| anthracene | <25 | <5 | <5 | 1000 |
| fluorene | 27 | <5 | <5 | 1000 |
| phenanthrene | 78 | <5 | 6 | 1000 |
| pyrene | <25 | <5 | <5 | 1000 |
| acenaphthene | <25 | <5 | <5 | 400 |
| benzo(a)anthracene | <25 | <5 | <5 | 0.04 |
| fluoranthene | <25 | <5 | <5 | 1000 |
| benzo(b)fluoranthene | <25 | <5 | <5 | 0.04 |
| benzo(k)fluoranthene | <25 | <5 | <5 | 0.04 |
| chrysene | <25 | <5 | <5 | 0.04 |
| benzo(a)pyrene | <25 | <5 | <5 | 0.04 |
| benzo(g,h,i)perylene | <25 | <5 | <5 | 0.04 |
| indeno(1,2,3-cd)pyrene | <25 | <5 | <5 | 0.04 |
| dibenzo(a,h)anthracene | <25 | <5 | <5 | 1000 |

* Guidance Values for Fuel Oil Contaminated Soil
 Values highlighted in boxes exceed NYSDEC Standard

APPENDIX A



CLOUGH, HARBOUR & ASSOCIATES LLP
 200 WEST 34TH AVENUE, SUITE 1000
 DENVER, COLORADO 80202

TEST BORING LOG

BORING NO. GP-1

PROJECT & LOCATION: ALDI ILION PHASE #

PROJECT NO.: WLC-14-03

CLIENT: ALDI INC.

SHEET NO.: 1 OF 1

CONTRACTOR: LEBANON VALLEY

GROUNDWATER MEASUREMENT

| DATE | TIME | DEPTH TO (FT.): | | TYPE: | CASING | SAMPLER | CORE BARREL |
|------|------|-----------------|------------------|--------------|--------|-------------------|-------------|
| | | WATER | BOTTOM OF CASING | | | | |
| | | | | | | | |
| | | | | SIZE I.D.: | | | |
| | | | | HAMMER WT.: | | | |
| | | | | HAMMER FALL: | | | |
| | | | | DRILL FLUID: | | DEPTH INTRODUCED: | |
| | | | | CHECKED BY: | | | |
| | | | | DATE: | | | |

ELEVATION: _____

START DATE: 3/21/97

FINISH DATE: 3/21/97

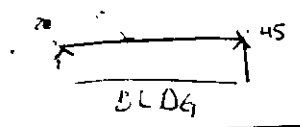
RIG TYPE: GEOPROBE GH-40

DRILLER: ROY MASON

INSPECTOR: M. ROUX

F BORING IS DRY. CHECK HERE

| DEPTH IN FEET | SAMPLE NO. | RECOVERY LENGTH | SPT BLOWS PER 6" | NOTES | FIELD CLASSIFICATION |
|---------------|------------|-----------------|------------------|-------------------------------|---|
| 0 | GP-1 | | | HOU - 50 <u>FOR SAMPLE</u> | SAND AND GRAVEL LITTLE SILT BR. BK. MOIST STAINING OF SOILS, <u>ODOR</u> |
| 5 | | | | HOU: 5 | <u>FILL</u> GLASS, RAGS SANDC. TAN. SILT & ORGANIC MATERIALS, WET BLACK <u>ODOR</u> SHEEN ON WATER |
| 10 | | | | HOU: 30 SET WELL AT 9' | SILT and FINE SAND, SAT, BROWN <u>ODOR</u> |
| 15 | | | | | BOTTOM OF BORING |
| 20 | | | | | 20 FEET FROM 4.5 " |



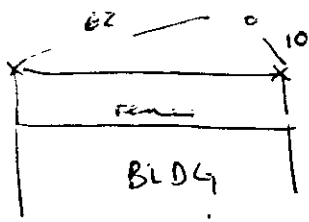
| BLOWS/FT. | DENSITY | BLOWS/FT. | CONSISTENCY | SAMPLE IDENTIFICATION |
|-----------|------------------|-----------|----------------|-----------------------|
| 0-4 | - VERY LOOSE | 0-2 | - VERY SOFT | S - SPLIT SPOON |
| 4-10 | - LOOSE | 2-4 | - SOFT | T - THIN WALL TUBE |
| 10-30 | - MEDIUM COMPACT | 4-8 | - MEDIUM STIFF | A - AUGER CUTTINGS |
| 30-50 | - COMPACT | 8-15 | - STIFF | W - WASH SAMPLE |
| 50+ | - VERY COMPACT | 15-30 | - VERY STIFF | |
| | | >30 | - HARD | |

BORING NO. GP-1

BORING 11/18/96

| | | | | | | |
|---|---------------------------------------|-------|---------------------------------|-------------------------------|-------------------------|---------------------------------|
| CHA <small>CLOUGH, HARBOUR & ASSOCIATES LLP ENGINEERS, SURVEYORS, PLANNERS & LANDSCAPE ARCHITECTS</small> | TEST BORING LOG | | | BORING NO. <u>GP-2</u> | | |
| | PROJECT & LOCATION: <u>ALDI ILION</u> | | | PROJECT NO.: <u>6201.1903</u> | | |
| CLIENT: <u>ALDI INC</u> | | | SHEET NO.: <u>1</u> OF <u>1</u> | | | |
| CONTRACTOR: <u>LEBANON VALLEY</u> | | | ELEVATION: _____ | | | |
| GROUNDWATER MEASUREMENT | | | CORE BARREL | | | |
| DEPTH TO (FT.): | | | CASING SAMPLER | | | |
| DATE | TIME | WATER | BOTTOM OF CASING | BOTTOM OF BORING | TYPE: | START DATE: <u>3/21/97</u> |
| | | | | | SIZE I.D.: | FINISH DATE: <u>3/21/97</u> |
| | | | | | HAMMER WT.: | RIG TYPE: <u>Geoprobe GH-40</u> |
| | | | | | HAMMER FALL: | |
| | | | | | DRILL FLUID: _____ | DRILLER: <u>R. MASON</u> |
| | | | | | DEPTH INTRODUCED: _____ | INSPECTOR: <u>M. ROUX</u> |
| | | | CHECKED BY: _____ | | | |
| | | | DATE: _____ | | | |
| IF BORING IS DRY, CHECK HERE | | | | | | |

| DEPTH IN FEET | SAMPLE NO. | RECOVERY LENGTH | SPT BLOWS PER 5' | NOTES | FIELD CLASSIFICATION |
|---------------|------------|-----------------|------------------|---------|--|
| | | | | CUC = 3 | <u>SAND and SILT</u> some t. gravel moist |
| 5 | | | | HUU = 2 | <u>SILT</u> , organic materials, brown, wet, |
| 10 | | | | | <u>Bottom of BORING</u> <u>water set AT 7.5'</u> |
| 15 | | | | | |
| 20 | | | | | |



BORING 11/18/96

| | | | | | |
|-----------|------------------|-----------|----------------|-----------------------|------------------------|
| BLOWS/FT. | DENSITY | BLOWS/FT. | CONSISTENCY | SAMPLE IDENTIFICATION | |
| 0-4 | - VERY LOOSE | 0-2 | - VERY SOFT | S - SPLIT SPOON | BORING NO. <u>GP-2</u> |
| 4-10 | - LOOSE | 2-4 | - SOFT | T - THIN WALL TUBE | |
| 10-30 | - MEDIUM COMPACT | 4-8 | - MEDIUM STIFF | A - AUGER CUTTINGS | |
| 30-50 | - COMPACT | 8-15 | - STIFF | W - WASH SAMPLE | |
| 50+ | - VERY COMPACT | 15-30 | - VERY STIFF | | |
| | | >30 | - HARD | | |

TEST BORING LOG

BORING NO. GP 3

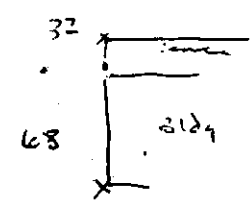
PROJECT & LOCATION: ALDI
CLIENT: ALDI INC
CONTRACTOR: LEBANON VALLEY

PROJECT NO.: 0001
SHEET NO.: OF

| GROUNDWATER MEASUREMENT | | | | DEPTH TO (FT.): | | CASING | SAMPLER | CORE BARREL |
|-------------------------|------|-------|------------------|------------------|--------------|--------|-------------------|-------------|
| DATE | TIME | WATER | BOTTOM OF CASING | BOTTOM OF BORING | TYPE | | | |
| | | | | | SIZE (D.): | | | |
| | | | | | HAMMER WT.: | | | |
| | | | | | HAMMER FALL: | | | |
| | | | | | DRILL FLUID: | | DEPTH INTRODUCED: | |
| | | | | | CHECKED BY: | | | |
| | | | | | DATE: | | | |

ELEVATION: _____
START DATE: 3/21/97
FINISH DATE: 3/21/97
RIG TYPE: Geoprobe GH-40
DRILLER: R. MASON
INSPECTOR: M. ROY

| DEPTH IN FEET | SAMPLE NO. | RECOVERY LENGTH | SPT BLOWS PER 6" | NOTES | FIELD CLASSIFICATION |
|---------------|------------|-----------------|------------------|----------|--|
| | | | | NHU = 20 | <u>SAND</u> c-f some gravel little silt brick, brown, red, red |
| 5 | | | | NHU = 0 | <u>SILT</u> brown organic material shells, also <u>SAND</u> , fill, brown, black VERY MINOR ODR, unsure |
| 10 | GP 3 | | | NHU = 25 | <u>SILT</u> and sand and f. gravel 40/30/30 well set at 10' |
| 15 | | | | | BOTTOM OF BORING |
| 20 | | | | | |



| BLOWS/FT. | DENSITY | BLOWS/FT. | CONSISTENCY | SAMPLE IDENTIFICATION |
|-----------|------------------|-----------|----------------|-----------------------|
| 0-4 | - VERY LOOSE | 0-2 | - VERY SOFT | S - SPLIT SPOON |
| 4-10 | - LOOSE | 2-4 | - SOFT | T - THIN WALL TUBE |
| 10-30 | - MEDIUM COMPACT | 4-8 | - MEDIUM STIFF | A - AUGER CUTTINGS |
| 30-50 | - COMPACT | 8-15 | - STIFF | W - WASH SAMPLE |
| 50+ | - VERY COMPACT | 15-30 | - VERY STIFF | |
| | | >30 | - HARD | |

BORING NO. GP-3

TEST BORING LOG

BORING NO. GP-4

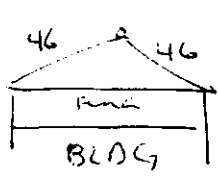
PROJECT & LOCATION: ALDI ILLION
 CLIENT: ALDI INC
 CONTRACTOR: LEBANDON JALLEY

PROJECT NO.: 6201
 SHEET NO.: 1 OF 1

| GROUNDWATER MEASUREMENT | | | | CASING | SAMPLER | CORE BARREL |
|-------------------------|------|-----------------|------------------|------------------|--------------------|-------------------------|
| DATE | TIME | DEPTH TO (FT.): | | | | |
| | | WATER | BOTTOM OF CASING | BOTTOM OF BORING | TYPE: | |
| | | | | | SIZE (D.): | |
| | | | | | HAMMER WT.: | |
| | | | | | HAMMER FALL: | |
| | | | | | DRILL FLUID: _____ | DEPTH INTRODUCED: _____ |
| | | | | | CHECKED BY: _____ | |
| | | | | | DATE: _____ | |

ELEVATION: _____
 START DATE: 3/21/97
 FINISH DATE: 3/21/97
 RIG TYPE: Geoprobe GH-40
 DRILLER: R. MASON
 INSPECTOR: M. ROUX

| DEPTH IN FEET | SAMPLE NO. | RECOVERY LENGTH | SPT BLOWS PER 6" | NOTES | FIELD CLASSIFICATION |
|---------------|------------|-----------------|------------------|-------------|---|
| 0-3 | GP-4 23 | | | HNU = 73 | SAND and SILT some gravel DARK BROWN MOIST-WET <u>odor</u> |
| 3-5 | | | | NO RECOVERY | (ABLE IS INTO WATER TABLE) |
| 5-10 | | | | HNU = 65 | SAND, some SILT some GRAVEL BROWN <u>odor</u> SILT, Brown (dark) some organic MATERIALS. WET <u>odor</u> SHEEN ON WATER |
| 10-15 | | | | | |
| 15-20 | | | | | |



BORING 11/18/96

| BLOWS/FT. | DENSITY | BLOWS/FT. | CONSISTENCY | SAMPLE IDENTIFICATION |
|-----------|------------------|-----------|----------------|-----------------------|
| 0-4 | - VERY LOOSE | 0-2 | - VERY SOFT | S - SPLIT SPOON |
| 4-10 | - LOOSE | 2-4 | - SOFT | T - THIN WALL TUBE |
| 10-30 | - MEDIUM COMPACT | 4-8 | - MEDIUM STIFF | A - AUGER CUTTINGS |
| 30-50 | - COMPACT | 8-15 | - STIFF | W - WASH SAMPLE |
| 50+ | - VERY COMPACT | 15-30 | - VERY STIFF | |
| | | >30 | - HARD | |

BORING NO. GP-4

TEST BORING LOG

BORING NO. 4P-5

PROJECT & LOCATION: ALDI ILLION
 CLIENT: ALDI INC
 CONTRACTOR: LEBANON VALLEY

PROJECT NO.: 6201
 SHEET NO.: 1 OF 1

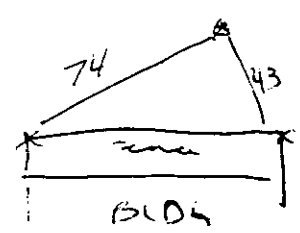
GROUNDWATER MEASUREMENT

| DATE | TIME | DEPTH TO (FT.): | | | TYPE: | CASING | SAMPLER | CORE BARREL |
|------|------|-----------------|------------------|------------------|--------------|--------|-------------------|-------------|
| | | WATER | BOTTOM OF CASING | BOTTOM OF BORING | | | | |
| | | | | | | | | |
| | | | | | SIZE (D): | | | |
| | | | | | HAMMER WT.: | | | |
| | | | | | HAMMER FALL: | | | |
| | | | | | DRILL FLUID: | | DEPTH INTRODUCED: | |
| | | | | | CHECKED BY: | | | |
| | | | | | DATE: | | | |

ELEVATION: _____
 START DATE: 3/21/97
 FINISH DATE: 3/21/97
 RIG TYPE: Geoprobe GH-40
 DRILLER: Roy Mason
 INSPECTOR: Mike Cox

IF BORING IS DRY, CHECK HERE

| DEPTH IN FEET | SAMPLE NO. | RECOVERY LENGTH | SPT BLOWS PER 5' | NOTES | FIELD CLASSIFICATION |
|---------------|------------|-----------------|------------------|--------------------------|---|
| | | | | HNU < 1 | SAND AND SILT SOME GRAVEL |
| 5 | 74 | 6" | | REFUSAL AT 5' HNU = 3 | SAND AND SILT and gravel SOME SHEEN ON WATER THAT POUNCED OUT OF RODS |
| 10 | | | | | NO SAMPLE TAKEN, NOT ENOUGH MATERIAL, LOW HNU READINGS |
| 15 | | | | REFUSAL AT 5' | DUE TO CEMENT. |
| 20 | | | | | |



BORING 11/18/96

| BLOWS/FT. | DENSITY | BLOWS/FT. | CONSISTENCY | SAMPLE IDENTIFICATION |
|-----------|------------------|-----------|----------------|-----------------------|
| 0-4 | - VERY LOOSE | 0-2 | - VERY SOFT | S - SPLIT SPOON |
| 4-10 | - LOOSE | 2-4 | - SOFT | T - THIN WALL TUBE |
| 10-30 | - MEDIUM COMPACT | 4-8 | - MEDIUM STIFF | A - AUGER CUTTINGS |
| 30-50 | - COMPACT | 8-15 | - STIFF | W - WASH SAMPLE |
| 50+ | - VERY COMPACT | 15-30 | - VERY STIFF | |
| | | >30 | - HARD | |

BORING NO. 4P-5

TEST BORING LOG

BORING NO. GP-6

PROJECT & LOCATION: ALDI ILION
 CLIENT: ALDI INC
 CONTRACTOR: LEBANON VALLEY

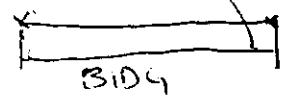
PROJECT NO.: 6201 14.03
 SHEET NO.: 1 OF 1

| GROUNDWATER MEASUREMENT | | DEPTH TO (FT.): | | CASING | SAMPLER | CORE BARREL |
|-------------------------|------|-----------------|------------------|------------------|--------------|-------------------|
| DATE | TIME | WATER | BOTTOM OF CASING | BOTTOM OF BORING | TYPE: | |
| | | | | | SIZE I.D.: | |
| | | | | | HAMMER WT.: | |
| | | | | | HAMMER FALL: | |
| | | | | | DRILL FLUID: | DEPTH INTRODUCED: |
| CHECKED BY: | | | | | | |
| DATE: | | | | | | |

ELEVATION:
 START DATE: 3/21/97
 FINISH DATE: 3/21/97
 RIG TYPE: Geoprobe GH-40
 DRILLER: Roy Mason
 INSPECTOR: Mike Roux

(IF BORING IS DRY, CHECK HERE)

| DEPTH IN FEET | SAMPLE NO. | RECOVERY LENGTH | SPT BLOWS PER 6" | NOTES | FIELD CLASSIFICATION |
|---------------|------------|-----------------|------------------|-------------|---|
| 1.5' | | | | HNU = 60 | SILT & GRAVEL BROWN WET (GRAS) SILT & GRAVEL DK BROWN MOIST ODOR WET |
| 5' | | | | NO RECOVERY | |
| 4' | | | | HNU = 50 | SLIP IN TOP OF SLEEVE. MATERIAL WOOD, THEN SILT, DK BROWN SOME SAND, & GRAVEL IN AREAS ODOR |
| 15' | | | | | |
| 20' | | | | | |



BORING 11/18/96

| BLOWS/FT. | DENSITY | BLOWS/FT. | CONSISTENCY | SAMPLE IDENTIFICATION |
|-----------|------------------|-----------|----------------|-----------------------|
| 0-4 | - VERY LOOSE | 0-2 | - VERY SOFT | S - SPLIT SPOON |
| 4-10 | - LOOSE | 2-4 | - SOFT | T - THIN WALL TUBE |
| 10-30 | - MEDIUM COMPACT | 4-8 | - MEDIUM STIFF | A - AUGER CUTTINGS |
| 30-50 | - COMPACT | 8-15 | - STIFF | W - WASH SAMPLE |
| 50+ | - VERY COMPACT | 15-30 | - VERY STIFF | |
| | | >30 | - HARD | |

BORING NO. GP-6

TEST BORING LOG

BORING NO. GP-7

PROJECT & LOCATION: ALDI ILION
 CLIENT: ALDI INC
 CONTRACTOR: LEBANON VALLEY

PROJECT NO.: 6201
 SHEET NO.: 1 OF 1

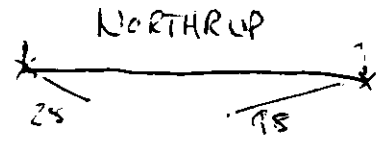
GROUNDWATER MEASUREMENT

| DATE | TIME | DEPTH TO (FT.): | | | TYPE: | CASING | SAMPLER | CORE BARREL |
|------|------|-----------------|------------------|------------------|--------------|--------|-------------------|-------------|
| | | WATER | BOTTOM OF CASING | BOTTOM OF BORING | | | | |
| | | | | | | | | |
| | | | | | SIZE I.D.: | | | |
| | | | | | HAMMER WT.: | | | |
| | | | | | HAMMER FALL: | | | |
| | | | | | DRILL FLUID: | | DEPTH INTRODUCED: | |
| | | | | | CHECKED BY: | | | |
| | | | | | DATE: | | | |

ELEVATION: _____
 START DATE: 3/21/97
 FINISH DATE: 3/21/97
 RIG TYPE: TECOTECH GP-40
 DRILLER: ROY WASON
 INSPECTOR: MIKE ROUX

F BORING IS DRY, CHECK HERE

| DEPTH IN FEET | SAMPLE NO. | RECOVERY LENGTH | SPT BLOWS PER 6" | NOTES | FIELD CLASSIFICATION |
|---------------|------------|-----------------|------------------|-------------|--|
| 0 | | | | | |
| 5 | | | | HW: < 1 ppm | SILT & SAND Brown some f. gravel |
| 10 | | | | no recovery | |
| 15 | | | | HW: 1 ppm | SILT Brown MOST TO WET POTENTIAL FAINT OVER |
| 20 | | | | | |



BORING 11/18/96

| BLOWS/FT. | DENSITY | BLOWS/FT. | CONSISTENCY | SAMPLE IDENTIFICATION |
|-----------|------------------|-----------|----------------|-----------------------|
| 0-4 | - VERY LOOSE | 0-2 | - VERY SOFT | S - SPLIT SPOON |
| 4-10 | - LOOSE | 2-4 | - SOFT | T - THIN WALL TUBE |
| 10-30 | - MEDIUM COMPACT | 4-8 | - MEDIUM STIFF | A - AUGER CUTTINGS |
| 30-50 | - COMPACT | 8-15 | - STIFF | W - WASH SAMPLE |
| 50+ | - VERY COMPACT | 15-30 | - VERY STIFF | |
| | | >30 | - HARD | |

BORING NO. GP-7

TEST BORING LOG

BORING NO. GP-8

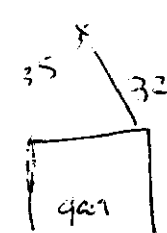
PROJECT & LOCATION: ALDI MILION
 CLIENT: ALDI INC
 CONTRACTOR: LEBANON VALLEY

PROJECT NO.: 6221
 SHEET NO.: OF 1

| GROUNDWATER MEASUREMENT | | | | | DEPTH TO (FT.): | CASING | SAMPLER | CORE BARREL |
|-------------------------|------|-------|------------------|------------------|-----------------|--------|-------------------|-------------|
| DATE | TIME | WATER | BOTTOM OF CASING | BOTTOM OF BORING | | | | |
| | | | | | | | | |
| | | | | | TYPE: | | | |
| | | | | | SIZE (D.): | | | |
| | | | | | HAMMER WT.: | | | |
| | | | | | HAMMER FALL: | | | |
| | | | | | DRILL FLUID: | | DEPTH INTRODUCED: | |
| | | | | | CHECKED BY: | | | |
| | | | | | DATE: | | | |

ELEVATION:
 START DATE: 3/21/97
 FINISH DATE: 3/21/97
 RIG TYPE: Geoprobe GP-40
 DRILLER: Roy Masoni
 INSPECTOR: Mike Ross

| DEPTH IN FEET | SAMPLE NO. | RECOVERY LENGTH | SPT BLOWS PER 5" | NOTES | FIELD CLASSIFICATION |
|---------------|------------|-----------------|------------------|---------|---|
| 0-5 | | | | HOU < 1 | SAND some SILT little gravel dark brown. MOIST |
| 5-10 | | NO RECOVERY | | | |
| 10-15 | | | | HOU < 1 | SILT and Sand little gravel WET - SAT. |
| 15-20 | | | | | |



BORING 11/18/96

| BLOWS/FT. | DENSITY | BLOWS/FT. | CONSISTENCY | SAMPLE IDENTIFICATION |
|-----------|------------------|-----------|----------------|-----------------------|
| 0-4 | - VERY LOOSE | 0-2 | - VERY SOFT | S - SPLIT SPOON |
| 4-10 | - LOOSE | 2-4 | - SOFT | T - THIN WALL TUBE |
| 10-30 | - MEDIUM COMPACT | 4-8 | - MEDIUM STIFF | A - AUGER CUTTINGS |
| 30-50 | - COMPACT | 8-15 | - STIFF | W - WASH SAMPLE |
| 50+ | - VERY COMPACT | 15-30 | - VERY STIFF | |
| | | >30 | - HARD | |

BORING NO. GP-8

TEST BORING LOG

BORING NO. GP-9

PROJECT & LOCATION: ALDI LION
 CLIENT: ALDI INC
 CONTRACTOR: LEBANON VALLEY

PROJECT NO.: 6201.14.03
 SHEET NO.: 1 OF 1

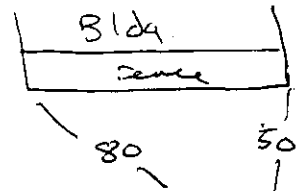
GROUNDWATER MEASUREMENT

| DATE | TIME | WATER | DEPTH TO (FT.): | | TYPE: | CASING | SAMPLER | CORE BARREL |
|------|------|-------|------------------|------------------|--------------|--------|-------------------|-------------|
| | | | BOTTOM OF CASING | BOTTOM OF BORING | | | | |
| | | | | | SIZE I.D.: | | | |
| | | | | | HAMMER WT.: | | | |
| | | | | | HAMMER FALL: | | | |
| | | | | | DRILL FLUID: | | DEPTH INTRODUCED: | |
| | | | | | CHECKED BY: | | | |
| | | | | | DATE: | | | |

ELEVATION: _____
 START DATE: 3/21/97
 FINISH DATE: 3/21/97
 RIG TYPE: Geoprobe FH-425
 DRILLER: R. WASSON
 INSPECTOR: A. RASK

IF BORING IS DRY, CHECK HERE

| DEPTH IN FEET | SAMPLE NO. | RECOVERY LENGTH | SPT BLOWS PER 5" | NOTES | FIELD CLASSIFICATION |
|---------------|------------|-----------------|------------------|--------------|---|
| 5 | | | | HNU = 90 ppm | SAND and f. gravel some c. gravel little silt some glass, brown. & black. <u>ODOR</u> MUST |
| 7 | | | | HNU = 40 ppm | SILT some sand some gravel brown, black, wet <u>ODOR</u> |
| 10 | | | | HNU = 30 ppm | SILT some organic materials some wet, brown <u>gravel</u> some silt, <u>ODOR</u> SHEEN ON WATER IN TUBES |
| 15 | | | | | |
| 20 | | | | | |



BORING 11/18/96

| BLOWS/FT. | DENSITY | BLOWS/FT. | CONSISTENCY | SAMPLE IDENTIFICATION |
|-----------|------------------|-----------|----------------|-----------------------|
| 0-4 | - VERY LOOSE | 0-2 | - VERY SOFT | S - SPLIT SPOON |
| 4-10 | - LOOSE | 2-4 | - SOFT | T - THIN WALL TUBE |
| 10-30 | - MEDIUM COMPACT | 4-8 | - MEDIUM STIFF | A - AUGER CUTTINGS |
| 30-50 | - COMPACT | 8-15 | - STIFF | W - WASH SAMPLE |
| 50+ | - VERY COMPACT | 15-30 | - VERY STIFF | |
| | | >30 | - HARD | |

BORING NO. GP-9



CLOUGH, HARBOUR & ASSOCIATES LLP
 6000 SUNBELT BLVD
 SUITE 200
 JACKSON, MISSISSIPPI

TEST BORING LOG

BORING NO. GP-10

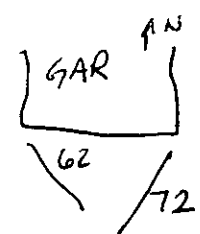
PROJECT & LOCATION: ALDI ILION
 CLIENT: ALDI INC
 CONTRACTOR: LEBANON VALLEY

PROJECT NO.: 6201.14.03
 SHEET NO.: _____ OF 1

| GROUNDWATER MEASUREMENT | | DEPTH TO (FT.): | | CASING | SAMPLER | CORE BARREL |
|-------------------------|------|-----------------|------------------|------------------|--------------|-------------------|
| DATE | TIME | WATER | BOTTOM OF CASING | BOTTOM OF BORING | TYPE: | |
| | | | | | SIZE NO.: | |
| | | | | | HAMMER NT.: | |
| | | | | | HAMMER FALL: | |
| | | | | | DRILL FLUID: | DEPTH INTRODUCED: |
| | | | | | CHECKED BY: | |
| | | | | | DATE: | |

ELEVATION: _____
 START DATE: 3/21/97
 FINISH DATE: 3/21/97
 RIG TYPE: beeprobe 6H-40
 DRILLER: Roy MASON
 INSPECTOR: Mike Royx

| DEPTH IN FEET | SAMPLE NO. | RECOVERY LENGTH | SPT BLOWS PER 5' | NOTES | FIELD CLASSIFICATION |
|---------------|------------|-----------------|------------------|---------------------|--|
| 5 | | | | HNU. 5 | SILT some sand some gravel (FILL) - wood brack, charcoal br, blk, tan, orange, moist |
| 10 | | | | HNU = NR | SILT tr. c-sand faint odor very minor sheen on water, wet |
| 15 | | | | HNU = NR | Sand and f. gravel some silt br. wet - sat. |
| 20 | | | | NR NO READING TAKEN | |



BORING 11/18/96

| BLOWS/FT. | DENSITY | BLOWS/FT. | CONSISTENCY | SAMPLE IDENTIFICATION |
|-----------|------------------|-----------|----------------|-----------------------|
| 0-4 | - VERY LOOSE | 0-2 | - VERY SOFT | S - SPLIT SPOON |
| 4-10 | - LOOSE | 2-4 | - SOFT | T - THIN WALL TUBE |
| 10-30 | - MEDIUM COMPACT | 4-8 | - MEDIUM STIFF | A - AUGER CUTTINGS |
| 30-50 | - COMPACT | 8-15 | - STIFF | W - WASH SAMPLE |
| 50+ | - VERY COMPACT | 15-30 | - VERY STIFF | |
| | | >30 | - HARD | |

BORING NO. GP-10

APPENDIX B

| | | |
|--|--|---------------------------------|
| Clough, Harbour & Associates Well Sampling Log | | Sample Designation: <u>TW-1</u> |
| Project Name: <u>ALDI ILION</u> | | Project No: <u>6201 1403</u> |
| Project Location: <u>CENTRAL AVE, ILION, NY</u> | | Date: <u>3/21/97</u> |
| | | Screen Length: <u>5 ft</u> |
| Purge Information: | | |
| (1) Depth to Bottom of Well: _____ - (from TOC) | (2) Depth to Water: _____ - ft (from TOC) | |
| (3) Column of Water: _____ - (#1 - #2) | (4) Casing Diameter: <u>1 1/4 in</u> in | |
| (5) Volume Conversion: _____ gal/ft | (6) 1 Vol. of Well: _____ gal | |
| Method of Purging: WaTerra/Bailer/Submersible/Other: <u>NO PURGING</u> | | |
| Volume Conversion: | | |
| 2" = 0.163 4" = 0.653 6" = 1.469 8" = 2.611 10" = 4.08 | | |
| Field Analysis: | | |
| Vol Purged (gal) | <u>—</u> | |
| Time | | |
| ORP/EH (MV) | | |
| pH | | |
| Cond. (MS/CM) | | |
| Turb. (NTU) | | |
| D.O. (mg/l) | | |
| Temp. (°C) | | |
| Total Volume Purged: _____ gal | | Total Purge Time: _____ |
| Sampling Info: <u>DEDICATED PVC</u> | | |
| Sample Method: <u>BAILER</u> | | |
| Sample Time: <u>~14:30</u> | No. of Bottles: <u>1 x 8270 STARS</u> <u>2 x 8021 STARS</u> | |
| Sample Analyses: <u>8270 STARS</u> <u>8021 STARS</u> | | |
| Comments: _____ _____ _____ | | |
| Logged By: <u>M. Roux</u> | | |

| | | |
|--|--|-------------------------------------|
| Clough, Harbour & Associates Well Sampling Log | | Sample Designation: <u> TW-2 </u> |
| Project Name: <u> ALDI ILLION </u> | | Project No: <u> 6201403 </u> |
| Project Location: <u> CENTRAL AVE, ILLION, NY </u> | | Date: <u> 3/21/97 </u> |
| | | Screen Length: <u> 5ft </u> |
| Purge Information: | | |
| (1) Depth to Bottom of Well: _____ ft (from TOC) | (2) Depth to Water: _____ ft (from TOC) | |
| (3) Column of Water: _____ in (#1 - #2) | (4) Casing Diameter: <u> 1 1/4 </u> in | |
| (5) Volume Conversion: _____ gal/ft | (6) 1 Vol. of Well: _____ gal | |
| Method of Purging: WaTerra/Bailer/Submersible/Other: <u> NO PURGING </u> | | |
| Volume Conversion: | | |
| 2" = 0.163 | 4" = 0.653 | 6" = 1.469 |
| | | 8" = 2.611 |
| | | 10" = 4.08 |
| Field Analysis: | | |
| Vol Purged (gal) | — | |
| Time | | |
| ORP/EH (MV) | | |
| pH | | |
| Cond. (MS/CM) | | |
| Turb. (NTU) | | |
| D.O. (mg/l) | | |
| Temp. (°C) | | |
| Total Volume Purged: _____ gal | Total Purge Time: _____ | |
| Sampling Info: <u> DEDICATED PVC </u> | | |
| Sample Method: <u> BAILER </u> | No. of Bottles: <u> 1x 8270 STARS </u> | |
| Sample Time: <u> ~ 14:40 </u> | <u> 2x 8021 STARS </u> | |
| Sample Analyses: <u> 8270 STARS, 8021 STARS </u> | | |
| Comments: <u> PVC SCREEN COULD NOT BE REMOVED AFTER SEVERAL ATTEMPTS. AS A RESULT A 5' SECTION OF SLOTTED SCREEN WAS LEFT IN THE BOREING. </u> | | |
| Logged By: <u> M ROUX </u> | | |

| | | |
|--|--------------------------------------|---------------------------------------|
| Clough, Harbour & Associates Well Sampling Log | | Sample Designation: <u>TW-3</u> |
| Project Name: <u>ALDI ILION</u> | | Project No: <u>6201.1403</u> |
| Project Location: <u>CENTRAL AVE, ILION, NY</u> | | Date: <u>3/21/97</u> |
| | | Screen Length: <u>5 ft.</u> |
| Purge Information: | | |
| (1) Depth to Bottom of Well: _____ (from TOC) | (2) Depth to Water: _____ (from TOC) | ft |
| (3) Column of Water: _____ (#1 - #2) | (4) Casing Diameter: <u>1 1/4</u> | in |
| (5) Volume Conversion: _____ gal/ft | (6) 1 Vol. of Well: _____ | gal |
| Method of Purging: WaTerra/Bailer/Submersible/Other: <u>No Purging</u> | | |
| Volume Conversion: | | |
| 2" = 0.163 4" = 0.653 6" = 1.469 8" = 2.611 10" = 4.08 | | |
| Field Analysis: | | |
| Vol Purged (gal) | <u>—</u> | |
| Time | | |
| ORP/EH (MV) | | |
| pH | | |
| Cond. (MS/CM) | | |
| Turb. (NTU) | | |
| D.O. (mg/l) | | |
| Temp. (°C) | | |
| Total Volume Purged: _____ gal | | Total Purge Time: _____ |
| Sampling Info: <u>DEDICATED PVC</u> | | |
| Sample Method: <u>BAILER</u> | | No. of Bottles: <u>1 x 8270 STARS</u> |
| Sample Time: <u>~1420</u> | | <u>2 x 8021 STARS</u> |
| Sample Analyses: <u>8270 STARS</u> <u>8021 STARS</u> | | |
| Comments: _____ | | |
| _____ | | |
| _____ | | |
| _____ | | |
| Logged By: <u>M. Roux</u> | | |

APPENDIX C

Upstate Laboratories inc.

Shipping: 6034 Corporate Dr. • E. Syracuse, NY 13057-1017 • (315) 437-0255 • Fax (315) 437-1209

Mailing: Box 289 • Syracuse, NY 13206

Albany (518) 459-3134

Binghamton (607) 724-0478

Buffalo (716) 649-2533

Rochester (716) 436-9070

New Jersey (201) 703-1324

April 9, 1997

Chris Burns, Ph.D., PG
Hydrogeological Section Mgr.
Clough, Harbour & Associates
109 S. Warren St., Suite 1300
State Tower Building
Syracuse, NY 13202

RECEIVED

APR 10 1997

CLOUGH HARBOUR & ASSOCIATES
SYRACUSE, NY

Re: Analysis Report #08397001 - 6201.14.03 Aldi Ilion

Dear Dr. Burns:

Please find enclosed the results for your samples which were received on March 21, 1997.


We have included the Chain of Custody Record as part of your report. You may need to reference this form for a more detailed explanation of your sample. Samples will be disposed of approximately one month from final report date.

Should you have any questions, please feel free to give us a call.

Thank you for your patronage.

Sincerely,

UPSTATE LABORATORIES, INC.


Anthony J. Scala
Director

AJS/lw

Enclosures: report, invoice

cc/encs: N. Scala, ULI
file

Note: Faxed results were given to your office on 4/8/97. AJS

Disclaimer: The test results and procedures utilized, and laboratory interpretations of data obtained by ULI as contained in this report are believed by ULI to be accurate and reliable for sample(s) tested. In accepting this report, the customer agrees that the full extent of any and all liability for actual and consequential damages of ULI for the services performed shall be equal to the fee charged to the customer for the services as liquidated damages.

DATE: 04/09/97


Upstate Laboratories, Inc.
Analysis Results

Report Number: 08397001

Client I.D.: CLOUGH, HARBOUR & ASSOC.-SYR

Sampled by: Client

APPROVAL: 

QC: 
Lab I.D.: 10170

6201.14.03 ALDI

ILION TW-1 1430H 03/21/97 G

ULI I.D.: 08397001

Matrix: Water

| PARAMETERS | RESULTS | KEY | FILE# |
|----------------------------|---------|-----|--------|
| ----- | | | |
| Petroleum, EPA Method 8021 | | | |
| ----- | | | |
| Benzene | <3ug/l | 01 | VA2793 |
| Ethylbenzene | <3ug/l | 01 | VA2793 |
| Toluene | <3ug/l | 01 | VA2793 |
| m-Xylene and p-Xylene | <3ug/l | 01 | VA2793 |
| o-Xylene | <3ug/l | 01 | VA2793 |
| Isopropylbenzene | 22ug/l | | VA2793 |
| n-Propylbenzene | 28ug/l | | VA2793 |
| p-Isopropyltoluene | <3ug/l | 01 | VA2793 |
| 1,2,4-Trimethylbenzene | 10ug/l | | VA2793 |
| 1,3,5-Trimethylbenzene | <3ug/l | 01 | VA2793 |
| n-Butylbenzene | 14ug/l | | VA2793 |
| sec-Butylbenzene | 12ug/l | | VA2793 |
| t-Butylbenzene | <3ug/l | 01 | VA2793 |
| Naphthalene | <3ug/l | 01 | VA2793 |
| MTBE | <50ug/l | 01 | VA2793 |
| | | | |
| Petroleum, EPA Method 8270 | | | |
| ----- | | | |
| Anthracene | <25ug/l | 05 | SA1190 |
| Fluorene | 27ug/l | | SA1190 |
| Phenanthrene | 78ug/l | | SA1190 |
| Pyrene | <25ug/l | 05 | SA1190 |
| Acenaphthene | <25ug/l | 05 | SA1190 |
| Benzo (a) anthracene | <25ug/l | 05 | SA1190 |
| Fluoranthene | <25ug/l | 05 | SA1190 |
| Benzo (b) fluoranthene | <25ug/l | 05 | SA1190 |
| Benzo (k) fluoranthene | <25ug/l | 05 | SA1190 |
| Chrysene | <25ug/l | 05 | SA1190 |
| Benzo (a) pyrene | <25ug/l | 05 | SA1190 |
| Benzo (g, h, i) perylene | <25ug/l | 05 | SA1190 |
| Indeno (1,2,3-cd) pyrene | <25ug/l | 05 | SA1190 |
| Dibenzo (a, h) anthracene | <25ug/l | 05 | SA1190 |

DATE: 04/09/97

Upstate Laboratories, Inc.
Analysis Results

Report Number: 08397001

Client I.D.: CLOUGH, HARBOUR & ASSOC.-SYR

Sampled by: Client

APPROVAL: _____
QC: _____
Lab I.D.: 10170

6201.14.03 ALDI

ILION TW-2 1430H 03/21/97 G

ULI I.D.: 08397002

Matrix: Water

| PARAMETERS | RESULTS | KEY | FILE# |
|----------------------------|---------|-----|--------|
| ----- | ----- | --- | ----- |
| Petroleum, EPA Method 8021 | | | |
| ----- | | | |
| Benzene | <3ug/l | 01 | VA2791 |
| Ethylbenzene | <3ug/l | 01 | VA2791 |
| Toluene | <3ug/l | 01 | VA2791 |
| m-Xylene and p-Xylene | <3ug/l | 01 | VA2791 |
| o-Xylene | <3ug/l | 01 | VA2791 |
| Isopropylbenzene | 10ug/l | | VA2791 |
| n-Propylbenzene | 3ug/l | | VA2791 |
| p-Isopropyltoluene | <3ug/l | 01 | VA2791 |
| 1,2,4-Trimethylbenzene | <3ug/l | 01 | VA2791 |
| 1,3,5-Trimethylbenzene | <3ug/l | 01 | VA2791 |
| n-Butylbenzene | <3ug/l | 01 | VA2791 |
| sec-Butylbenzene | <3ug/l | 01 | VA2791 |
| t-Butylbenzene | <3ug/l | 01 | VA2791 |
| Naphthalene | <3ug/l | 01 | VA2791 |
| MTBE | <50ug/l | 01 | VA2791 |
| Petroleum, EPA Method 8270 | | | |
| ----- | | | |
| Anthracene | <5ug/l | | SA1190 |
| Fluorene | <5ug/l | | SA1190 |
| Phenanthrene | <5ug/l | | SA1190 |
| Pyrene | <5ug/l | | SA1190 |
| Acenaphthene | <5ug/l | | SA1190 |
| Benzo (a) anthracene | <5ug/l | | SA1190 |
| Fluoranthene | <5ug/l | | SA1190 |
| Benzo (b) fluoranthene | <5ug/l | | SA1190 |
| Benzo (k) fluoranthene | <5ug/l | | SA1190 |
| Chrysene | <5ug/l | | SA1190 |
| Benzo (a) pyrene | <5ug/l | | SA1190 |
| Benzo (g, h, i) perylene | <5ug/l | | SA1190 |
| Indeno (1, 2, 3-cd) pyrene | <5ug/l | | SA1190 |
| Dibenzo (a, h) anthracene | <5ug/l | | SA1190 |

DATE: 04/09/97

Upstate Laboratories, Inc.

Analysis Results

Report Number: 08397001

Client I.D.: CLOUGH, HARBOUR & ASSOC.-SYR

Sampled by: Client

APPROVAL: *[Signature]*

QC: *[Signature]*

Lab I.D.: 10170

6201.14.03 ALDI

ILION TW-3 1430H 03/21/97 G

ULI I.D.: 08397003

Matrix: Water

| PARAMETERS | RESULTS | KEY | FILE# |
|----------------------------|---------|-----|--------|
| ----- | | | |
| Petroleum, EPA Method 8021 | | | |
| ----- | | | |
| Benzene | <3ug/l | 01 | VA2793 |
| Ethylbenzene | <3ug/l | 01 | VA2793 |
| Toluene | <3ug/l | 01 | VA2793 |
| m-Xylene and p-Xylene | <3ug/l | 01 | VA2793 |
| o-Xylene | <3ug/l | 01 | VA2793 |
| Isopropylbenzene | <3ug/l | 01 | VA2793 |
| n-Propylbenzene | <3ug/l | 01 | VA2793 |
| p-Isopropyltoluene | <3ug/l | 01 | VA2793 |
| 1,2,4-Trimethylbenzene | <3ug/l | 01 | VA2793 |
| 1,3,5-Trimethylbenzene | <3ug/l | 01 | VA2793 |
| n-Butylbenzene | 3ug/l | | VA2793 |
| sec-Butylbenzene | <3ug/l | 01 | VA2793 |
| t-Butylbenzene | <3ug/l | 01 | VA2793 |
| Naphthalene | <3ug/l | 01 | VA2793 |
| MTBE | <50ug/l | 01 | VA2793 |
| | | | |
| Petroleum, EPA Method 8270 | | | |
| ----- | | | |
| Anthracene | <5ug/l | | SA1190 |
| Fluorene | <5ug/l | | SA1190 |
| Phenanthrene | 6ug/l | | SA1190 |
| Pyrene | <5ug/l | | SA1190 |
| Acenaphthene | <5ug/l | | SA1190 |
| Benzo (a) anthracene | <5ug/l | | SA1190 |
| Fluoranthene | <5ug/l | | SA1190 |
| Benzo (b) fluoranthene | <5ug/l | | SA1190 |
| Benzo (k) fluoranthene | <5ug/l | | SA1190 |
| Chrysene | <5ug/l | | SA1190 |
| Benzo (a) pyrene | <5ug/l | | SA1190 |
| Benzo (g, h, i) perylene | <5ug/l | | SA1190 |
| Indeno (1, 2, 3-cd) pyrene | <5ug/l | | SA1190 |
| Dibenzo (a, h) anthracene | <5ug/l | | SA1190 |

DATE: 04/09/97

Upstate Laboratories, Inc.

Analysis Results

Report Number: 08397001

Client I.D.: CLOUGH, HARBOUR & ASSOC.-SYR

Sampled by: Client

APPROVAL: _____

QC: _____

Lab I.D.: 10170

6201.14.03 ALDI

ILION ULI TRIP BLANK 03/21/97

ULI I.D.: 08397004

Matrix: Water

PARAMETERS

RESULTS

KEY

FILE#

Petroleum, EPA Method 8021

| | | | |
|------------------------|----------|--|--------|
| Benzene | <0.5ug/l | | VA2791 |
| Ethylbenzene | <0.5ug/l | | VA2791 |
| Toluene | <0.5ug/l | | VA2791 |
| m-Xylene and p-Xylene | <0.5ug/l | | VA2791 |
| o-Xylene | <0.5ug/l | | VA2791 |
| Isopropylbenzene | <0.5ug/l | | VA2791 |
| n-Propylbenzene | <0.5ug/l | | VA2791 |
| p-Isopropyltoluene | <0.5ug/l | | VA2791 |
| 1,2,4-Trimethylbenzene | <0.5ug/l | | VA2791 |
| 1,3,5-Trimethylbenzene | <0.5ug/l | | VA2791 |
| n-Butylbenzene | <0.5ug/l | | VA2791 |
| sec-Butylbenzene | <0.5ug/l | | VA2791 |
| t-Butylbenzene | <0.5ug/l | | VA2791 |
| Naphthalene | <0.5ug/l | | VA2791 |
| MTBE | <10ug/l | | VA2791 |

KEY PAGE

1 MATRIX INTERFERENCE PRECLUDES LOWER DETECTION LIMITS
2 MATRIX INTERFERENCE
3 PRESENT IN BLANK
4 ANALYSIS NOT PERFORMED BECAUSE OF INSUFFICIENT SAMPLE
5 THE PRESENCE OF OTHER TARGET ANALYTE(S) PRECLUDES LOWER DETECTION LIMITS
6 BLANK CORRECTED
7 HEAD SPACE PRESENT IN SAMPLE
8 QUANTITATION LIMIT IS GREATER THAN THE CALCULATED REGULATORY LEVEL. THE
9 QUANTITATION LIMIT THEREFORE BECOMES THE REGULATORY LEVEL.
10 THE OIL WAS TREATED AS A SOLID AND LEACHED WITH EXTRACTION FLUID
11 ADL(AVERAGE DETECTION LIMITS)
12 PQL(PRACTICAL QUANTITATION LIMITS)
13 SAMPLE ANALYZED OVER HOLDING TIME
14 DISSOLVED VALUE MAY BE HIGHER THAN TOTAL DUE TO CONTAMINATION FROM
15 THE FILTERING PROCEDURE
16 SAMPLED BY ULI
17 DISSOLVED VALUE MAY BE HIGHER THAN TOTAL; HOWEVER, THE VALUES ARE
18 WITHIN EXPERIMENTAL ERROR
19 AN INHIBITORY FACTOR WAS OBSERVED IN THIS ANALYSIS
20 PARAMETER NOT ANALYZED WITHIN 15 MINUTES OF SAMPLING
21 DEPENDING UPON THE INTENDED USE OF THIS TEST RESULT, CONFIRMATION BY GC/MS
22 OR DUAL COLUMN CHROMATOGRAPHY MAY BE REQUIRED
23 CALCULATION BASED ON DRY WEIGHT
24 INDICATES AN ESTIMATED VALUE, DETECTED BUT BELOW THE PRACTICAL QUANTITATION
25 LIMITS
26 UG/KG AS REC.D / UG/KG DRY WT
27 MG/KG AS REC.D / MG/KG DRY WT
28 INSUFFICIENT SAMPLE PRECLUDES LOWER DETECTION LIMITS
29 SAMPLE DILUTED/BLANK CORRECTED
30 ND(NON-DETECTED)
31 MATRIX INTERFERENCE PRECLUDES LOWER DETECTION LIMITS/BLANK CORRECTED
32 SPIKE RECOVERY ABNORMALLY HIGH/LOW DUE TO MATRIX INTERFERENCE
33 POST-DIGESTION SPIKE FOR FURNACE AA ANALYSIS IS OUTSIDE OF THE CONTROL
34 LIMITS (85-115%); HOWEVER, THE SAMPLE CONCENTRATION IS BELOW THE PQL
35 ANALYZED BY METHOD OF STANDARD ADDITIONS
36 METHOD PERFORMANCE STUDY HAS NOT BEEN COMPLETED/ND(NON-DETECTED)
37 FIELD MEASURED PARAMETER TAKEN BY CLIENT
38 TARGET ANALYTE IS BIODEGRADED AND/OR ENVIRONMENTALLY WEATHERED
39 NON-POTABLE WATER SOURCE
40 THE QUALITY CONTROL RESULTS FOR THIS ANALYSIS INDICATE A POSITIVE BIAS OF
41 1-5 MG/L. THE POSITIVE BIAS FALLS BELOW THE PUBLISHED EPA REGULATORY DETECTION
42 LIMIT OF 5 MG/L BUT ABOVE 1 MG/L.
43 THE HYDROCARBONS DETECTED IN THE SAMPLE DID NOT CROSS-MATCH WITH COMMON
44 PETROLEUM DISTILLATES
45 MATRIX INTERFERENCE CAUSING SPIKES TO RESULT IN LESS THAN 50.0% RECOVERY
46 MILLIGRAMS PER LITER (MG/L) / POUNDS (LBS) PER DAY
47 MILLIGRAMS PER LITER (MG/L) OF RESIDUAL CHLORINE (CL2) / POUNDS (LBS)
48 PER DAY OF CL2
49 MICROGRAMS PER LITER (UG/L) / POUNDS (LBS) PER DAY
50 MILLIGRAMS PER LITER (MG/L) LINEAR ALKYL SULFONATE (LAS) / POUNDS (LBS)
51 PER DAY LAS
52 RESULTS ARE REPORTED ON AN AS REC.D BASIS
53 THE SAMPLE WAS ANALYZED ON A TOTAL BASIS; THE TEST RESULT CAN BE COMPARED
54 TO THE TCLP REGULATORY CRITERIA BY DIVIDING THE TEST RESULT BY 20,
55 CREATING A THEORETICAL TCLP VALUE
56 METAL BY CONCENTRATION PROCEDURE
57 POSSIBLE CONTAMINATION FROM FIELD/LABORATORY

Chain of Custody Record

4/7 #88

| Client | Client Project # / Project Name | | Date | Time | Matrix | Grab or Comp. | No. of Containers | No. of Containers | | | | | | | | | | Special Turnaround Time (Lab Notification required) | Remarks | | | | | | |
|----------------------|---------------------------------|----------------------------|---------|-------|--------|---------------|---|-------------------|---|---|---|---|---|---|---|---|----|---|---------|--|--|---|--|--|--|
| | Client Contact: | Site Location (city/state) | | | | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | | | | | | | |
| CHRIS BURNS | 4713970 | 62011403 A01 ILION | 3/21/97 | 14:30 | WATER | G | 3 | 1 | 2 | | | | | | | | | | | | | | | | |
| TW-1 | | | 3/21/97 | 14:30 | WATER | G | 3 | 1 | 2 | | | | | | | | | | | | | | | | |
| TW-2 | | | 3/21/97 | 14:30 | WATER | G | 3 | 1 | 2 | | | | | | | | | | | | | | | | |
| TW-3 | | | 3/21/97 | 14:30 | WATER | G | 3 | 1 | 2 | | | | | | | | | | | | | | | | |
| PREP BLANK | | | 3/21/97 | | | | 1 | 1 | | | | | | | | | | | | | | | | | |
| Parameter and method | | sample bottle: | | type | size | pres. | Sampled by: (Please Print) | | | | | | | | | | | | | | | ULI Internal Use Only | | | |
| | | | | | | | MIKE ROUX | | | | | | | | | | | | | | | Delivery (check one): | | | |
| | | | | | | | Company: CLOUGH HARBOUR | | | | | | | | | | | | | | | <input type="checkbox"/> ULI Sampled | | | |
| | | | | | | | Relinquished by: (Signature) <i>Mike Roux</i> | | | | | | | | | | | | | | | <input type="checkbox"/> Pickup | | | |
| | | | | | | | Date 3/21/97 | | | | | | | | | | | | | | | <input checked="" type="checkbox"/> Dropoff | | | |
| | | | | | | | Time 17:30 | | | | | | | | | | | | | | | <input type="checkbox"/> CC | | | |
| | | | | | | | Relinquished by: (Signature) | | | | | | | | | | | | | | | Received by: (Signature) | | | |
| | | | | | | | Date | | | | | | | | | | | | | | | Received by: (Signature) | | | |
| | | | | | | | Time | | | | | | | | | | | | | | | Received by: (Signature) | | | |
| | | | | | | | Relinquished by: (Signature) | | | | | | | | | | | | | | | Received by: (Signature) | | | |
| | | | | | | | Date 3/21/97 | | | | | | | | | | | | | | | Rec'd for Lab by: (Signature) | | | |
| | | | | | | | Time 17:30 | | | | | | | | | | | | | | | <i>Heather Daw</i> | | | |

Note: The numbered columns above cross-reference with the numbered columns in the upper right-hand corner.