PHASE I ENVIRONMENTAL SITE ASSESSMENT

175, 195 and 199 HAGUE STREET
ROCHESTER, NEW YORK

Prepared for: City of Rochester
30 Church Street
Rochester, New York 14614

Prepared by: Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614-1008

Date: March 8, 2004

Project No.: 3392E-04

TABLE OF CONTENTS

CLIENT AND PROPERTY INFORMATION/SUMMARY OF CONCERNS 1

ASSESSMENT SUMMARY 2

1.0 HISTORICAL DATA 6
- 1.1 Aerial Photographs 6
- 1.2 Topographic Map 6
- 1.3 Sanborn Maps 6
- 1.4 Historical Maps 6
- 1.5 Directories 6
- 1.6 Property Survey Map 6
- 1.7 Building Plan 6

2.0 PUBLIC INFORMATION/AGENCIES 9
- 2.1 NYSDEC FOIL 9
- 2.2 Monroe County Department of Health 9
- 2.3 City of Rochester 9
- 2.4 Records Review 9

3.0 SITE RECONNAISSANCE 17
- 3.1 Fill 17
- 3.2 Debris/Dumping 17
- 3.3 Spillage/Staining 17
- 3.4 Utilities 17
- 3.5 Pits/Ponds/Lagoons 17
- 3.6 Operations/Equipment 17
- 3.7 Topographic Conditions 18
- 3.8 Adjoining Properties 18

4.0 INTERVIEWS 23
- 4.1 Mr. Joseph J. Zappia, Owner of the Assessed Property 23

5.0 ADDITIONAL ISSUES/SERVICES 25

6.0 REVIEW OF PRIOR ENVIRONMENTAL REPORTS/DOCUMENTS 26

7.0 USER PROVIDED INFORMATION 27
- 7.1 Reason for Performing Phase I ESA 27
- 7.2 Title Records 27
- 7.3 Environmental Liens or Activity and Use Limitations 27
- 7.4 Specialized Knowledge 27
- 7.5 Valuation Reduction for Environmental Issues 27

8.0 DEVIATIONS 29

9.0 SIGNATURES/REPORT EXPLANATION 31

APPENDICES

A Site Location Map, Site Sketch, Tax Map, Property Survey Map, and Building Plan
B Site Observations and Site Photographs
C Historical Research Documentation
D Regulatory Records Documentation
E Owner/Occupant Interview Documentation
F References
G Qualifications of Environmental Professionals

- Privileged and Confidential -

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

CLIENT

PREPARED FOR: City of Rochester
30 Church Street
Rochester, New York 14614

CLIENT CONTACT: Mr. Mark Gregor
(585) 428-5978

THIS REPORT HAS BEEN PREPARED FOR EXCLUSIVE USE BY THE CITY OF ROCHESTER, FOR USE ON ITS BEHALF. THE FINDINGS AND RECOMMENDATIONS HEREIN MAY BE RELIED UPON ONLY BY THE CITY OF ROCHESTER. USE OF OR RELIANCE UPON THIS REPORT, ITS FINDINGS AND RECOMMENDATIONS, BY ANY OTHER PERSONS OR FIRM IS PROHIBITED WITHOUT THE PRIOR WRITTEN PERMISSION OF DAY ENVIRONMENTAL, INC.

PROPERTY INFORMATION

ADDRESS: 175, 195, and 199 Hague Street

MUNICIPALITY: City of Rochester

COUNTY/STATE: Monroe County, New York

TAX ACCOUNT #s: 120.32-2-19, 120.32-2-20, and 120.32-2-39

PARCEL SIZE: Approximately 1.26 acres

IMPROVEMENTS: Industrial Building: An approximate 33,144-square foot, one-story building with two partial basements. Steel, concrete block, wood, and brick construction. Date of construction: 1915, with additions in 1941, 1942, 1955, 1965, and 1970s.

Dwelling: An approximate 1,710-square foot, one-story building with a basement. Wood-frame construction. Date of construction: 1847

Garage: A one-story, slab-on-grade, wood-frame building. Date of construction: Unknown

CURRENT USE: Commercial printing operation and dwelling

CURRENT OWNER: Joseph J. Zappia and Joseph J. & Kathleen M. Zappia

PAST USE: Commercial/light industrial (e.g., tool & die, metal stamping, printing, etc.) since at least 1915 to present; and residential since at least 1847 to present.

SITE CONTACT: Mr. Joseph J. Zappia
(585) 720-9478

SITE LOCATION MAP/ SITE SKETCH: Appendix A

PHOTOGRAPHS: Appendix B

SUMMARY OF RECOGNIZED ENVIRONMENTAL CONDITIONS

RECOGNIZED ENVIRONMENTAL CONDITIONS:
(X) Recognized Environmental Condition(s) Identified
( ) Recognized Environmental Condition(s) Not Identified

FURTHER WORK:
(X) Further Work Recommended
( ) Further Work Not Recommended

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ASSESSMENT SUMMARY

ENVIRONMENTAL STATUS OF PROPERTY:

Day Environmental, Inc. (DAY) performed this Phase I Environmental Site Assessment (Phase I ESA) of 175, 195, and 199 Hague Street, City of Rochester, Monroe County, New York in general conformance with the scope and limitations of ASTM Practice E 1527-00. Any additional services provided as part of this Phase I ESA are described in Section 5.0 of this report. Any exceptions to, or deletions from, this practice are described in Section 8.0 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the assessed property, except for the following:

1. **Historic Use of the Assessed Property:** A review of historical documents such as historical maps, directories, deed records, etc. indicates that the industrial building located on the assessed property has been used as a machine manufacturer, a tool & die facility, a commercial printing operation, potentially a scrap metal company, etc. since at least 1915 (refer to Sections 1.3, 1.4, 1.5, 2.4.5, and 7.2). Also, information obtained from the City of Rochester indicates that there have been past violations/complaints regarding storage practices of solvents, combustible wastes, etc. on the assessed property (refer to Section 2.3). These historic uses and practices at the assessed property are being identified as a recognized environmental condition.

   Also, it has been reported that silk screens used by the printing operation have been washed off in the southeastern interior loading dock of the industrial building (refer to Section 4.1). The waste liquids from the washing process (i.e., which could contain inks, etc.) are discharged into the drain located in this loading dock. At the time of the site visit, a dark sludge and dark liquid were observed in this dock drain (refer to Section 3.4.2). The discharge location of this dock drain is not specifically known. The washing of the silk screens on this loading dock is being identified as a recognized environmental condition.

   It was also reported that silk screens are cleaned off in a washbasin located in the commercial printing portion of the industrial building. It was reported that the discharge location of this washbasin is to the sanitary sewer (refer to Section 4.1), although the discharge location was not confirmed as part of this Phase I ESA. The cleaning of silk screens in this washbasin is being identified as a recognized environmental condition.

   In addition, drains were observed in each of the loading docks located in the unoccupied portion of the industrial building. The discharge location of these drains is unknown.

   Recommendations: Due to the historic uses and practices at the assessed property, it is recommended that a subsurface study be conducted to determine if contamination is present on the assessed property.

   It is also recommended that the sludge and liquid observed in the drain located in the southeastern interior loading dock be removed, characterized (i.e., sampled and analyzed), and disposed in accordance with applicable regulations. This drain system should also be evaluated at the time it is cleaned out to verify its integrity.

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ASSESSMENT SUMMARY (Cont.)

Also, the discharge locations and integrity of the washbasin drainage system and dock drains discussed above should be determined. If documentation cannot be furnished that confirms that the washbasin and dock drains are connected to the municipal sanitary sewer, dye testing should be conducted to determine the discharge location(s). If it is confirmed that the dock drains and washbasin are connected to the municipal sanitary sewer system, and if these systems are of sound integrity, further work would not be needed. However, if connection to the municipal sanitary sewer system cannot be confirmed, or if the integrity of these systems is suspect, additional work could be warranted (i.e., subsurface sampling, etc.).

2. **Potential Storage Tank(s):** At the time of the site visit, a boiler was observed in the basement of the original portion (i.e., unoccupied portion) of the industrial building (refer to Section 3.6.1). An "Operating Instructions" sheet hanging on the wall adjacent to this boiler indicates that this boiler may have been fueled with fuel oil at one time (i.e., the operating instruction sheet indicated a set up for a fuel oil tank). At the time of the site visit, a fuel oil tank was not observed in the basement; however, two sets of pipes were observed in the basement in the area of the boiler. The purpose of these pipes (located on opposite walls) could not be determined at the time of the site visit.

   Also, an approximate 1.5 to 2-inch diameter pipe was observed on the eastern exterior wall of the industrial building near the loading docks associated with the unoccupied portion of this building. It appears possible that this pipe could have been associated with a fuel oil tank, although it is also possible that this pipe serves another purpose (i.e., associated with a sprinkler system, etc.).

   In addition, an approximate one-inch to two-inch diameter pipe was observed on the southwestern exterior corner of the industrial building at the time of the site visit. The exact purpose of this pipe could not be determined at the time of the site visit; however, it appears possible that it could be associated with an underground storage tank.

   Recommendations: It is recommended that the function of the unidentified pipes identified above be determined, in order to evaluate if these pipes are/were associated with tanks. It is also recommended that a subsurface study be conducted in suspected tank locations to evaluate whether tanks are currently located on the assessed property, and to evaluate the potential existence of contamination resulting from the current or past presence of tanks. If tanks exist, it is recommended that any contents of the tanks be removed and disposed in accordance with applicable regulations, and that the tank systems be closed in accordance with applicable regulations. Any closure efforts should be documented so that future inquiries regarding the tank closures can be satisfied. Also, if evidence of contamination is encountered, further investigation/remediation could be warranted.

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ASSESSMENT SUMMARY (Cont.)

Notes:

1. The proposal for this assessment identified the address of the assessed property as 175 and 195 Hague Street; however, according to the City of Rochester Assessor's records, the assessed property is actually addressed as 175, 195, and 199 Hague Street (refer to Section 2.3). In addition, the industrial building located on the assessed property is physically identified as 15 Elser Terrace (i.e., the front of this building faces Elser Terrace, and the number "15" is located on the front of the building). In addition, a review of the City Directories indicates that the assessed property may have also been addressed as 13 Elser Terrace in the past (refer to Section 1.5). Therefore, these additional addresses were used to obtain information from the City of Rochester, the New York State Department of Environmental Conservation (NYSDEC), and the Monroe County Department of Health (MCDOH) (refer to Sections 2.1, 2.2, and 2.3).

2. Although identification of suspect asbestos-containing materials (SACM) is beyond the scope of this Phase I ESA, the following observations are being provided for informational purposes. Damaged SACM pipe insulation, and damaged SACM boiler thermal system insulation was observed on the boiler located in the basement of the unoccupied portion of the industrial building (refer to Section 5.1). Damaged SACM pipe insulation was also observed on the first floor in the unoccupied portion of the industrial building. The information regarding the possible presence of asbestos on the assessed property is being provided for informational purposes, without providing any conclusions or recommendations.

3. At the time of the site visit, apparent debris (e.g., apparent wood pallet, metal, etc.) was observed beneath the snow cover on the southwestern exterior side of the industrial building (refer to Section 3.2). Drums and/or containers were not observed in the debris; however, due to the snow cover, the exact content of the debris could not be confirmed at the time of the site visit. The debris observed is not being identified as a recognized environmental condition in relation to the assessed property at this time. However, it is recommended that this debris be removed from the assessed property, and disposed in accordance with applicable regulations.

4. A review of the NYSDEC Inactive Hazardous Waste Disposal Site (IHWDS) database indicates that a IHWDS (Site #828028A) is located approximately 0.05 miles south of the assessed property (refer to Section 2.4.8). This site is also listed as a confirmed local waste site (refer to Section 2.4.16). Remedial activities have been conducted at this site, and the NYSDEC IHWD report does not specifically indicate that contamination from this site has migrated off-site toward the assessed property. Therefore, this IHWDS and confirmed local waste site are not being identified as a recognized environmental condition in relation to the assessed property at this time. However, the NYSDEC should be contacted periodically to check on the status of the investigation at this site, so that appropriate action can be taken if information is ever developed in the future that indicates that this site is impacting the assessed property.

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ASSESSMENT SUMMARY (Cont.)

5. A review of the NYSDEC Spills/Leaking Storage Tank (LST) database indicates that an active spill (#9212983) is located approximately 0.05 miles south of the assessed property (refer to Section 2.4.12). The NYSDEC Spill Report Form does not indicate that contamination from this site has migrated off-site. Therefore, this active spill is not being identified as a recognized environmental condition in relation to the assessed property at this time; however, the NYSDEC should be contacted periodically to check on the status of the investigation at this spill site so that appropriate action can be taken if information is ever developed in the future that indicates that this off-site spill is impacting the assessed property.

6. A review of the NYSDEC Spills/Leaking Storage Tank (LST) database indicates that an active spill (#0070497) is located approximately 0.5 miles south of the assessed property (refer to Section 2.4.12). The NYSDEC Spill Report Form does not indicate that contamination from this site has migrated off-site. Therefore, this active spill is not being identified as a recognized environmental condition in relation to the assessed property at this time; however, the NYSDEC should be contacted periodically to check on the status of the investigation at this spill site so that appropriate action can be taken if information is ever developed in the future that indicates that this off-site spill is impacting the assessed property.

7. A review of the aerial photographs and historical maps indicates that railroad tracks have been located on the adjoining property to the southwest of the assessed property since at least 1900 (refer to Sections 1.1, 1.3, and 1.4). A review of these historical documents does not indicate that a railroad spur was formerly located on the assessed property, and information has not been obtained that indicates that the assessed property has been used for railroad operations. Therefore, the railroad tracks located on the adjoining property to the southwest of the assessed property are not being identified as a recognized environmental condition in relation to the assessed property at this time.

8. A review of the aerial photographs and historical maps indicates that dwellings and associated outbuildings were previously located on the central and eastern portions of the assessed property (refer to Sections 1.1, 1.3, and 1.4). It is not known whether or not these former buildings had basements, or if demolition materials were disposed on-site (i.e., by filling in the basements, etc.). The apparent demolition of these former buildings is not being identified as a recognized environmental condition in relation to the assessed property at this time. However, if the assessed property is ever redeveloped in the future and if demolition debris is encountered, the demolition debris will need to be handled and disposed in accordance with applicable regulations at that time.

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1.0 HISTORICAL DATA

1.1	**AERIAL PHOTOGRAPHS:**	Monroe County Department of Health Photograph Dates: 1930, 1951, 1961, 1970, 1976, 1988, 1993, 1996, and 1999 See Footnote (1.1)
1.2	**TOPOGRAPHIC MAP:**	Rochester West and Rochester East Quadrangles (maps dated 1995) Attached in Appendix A
1.3	**SANBORN MAPS:**	Environmental Data Resources, Inc. Map Dates: 1912, 1944, and 1971 See Footnote (1.3)
1.4	**HISTORICAL MAPS:**	Plat Book, City of Rochester Published by: J. M. Lathrop & Co. Map Date: 1900 See Footnote (1.4) Sanborn map Map Date: 1912 (updated to 1961) See Footnote (1.4)
1.5	**DIRECTORIES:**	City of Rochester Directory Dates: 1927/28, 1933, 1938, 1943, 1948, 1953, 1958, 1963, 1968, 1973, 1978, 1983/84, 1988, 1993, 1998, and 2003 See Footnote (1.5)
1.6	**SURVEY MAP:**	Denluck-Hyde Engineering & Surveying Associates, P.C. Map Date: 7/22/88 See Footnote (1.6)
1.7	**BUILDING PLAN:**	Moore & Bowles Realtors Map Date: 5/4/76 See Footnote (1.7)

PERTINENT INFORMATION, REFERENCED TO ITS SOURCE, IS SUMMARIZED BELOW:

(1.1) In the 1930 aerial photograph, apparent dwellings are visible on the eastern portion of the assessed property (i.e., along Hague Street), and on the northern portion of the assessed property (i.e., off Elser Terrace). Also, a portion of the existing industrial building is visible on the southwestern portion of the assessed property. A railroad track is visible on the adjoining property to the southwest of the assessed property. The areas surrounding the assessed property appear to be developed residentially and commercially.

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1.0 HISTORICAL DATA (Cont.)

In the 1951 and 1961 aerial photographs, the eastern portion of the assessed property (i.e., along Hague Street) appears to be developed with at least two apparent dwellings. A portion of the existing industrial building is visible on the southwestern portion of the assessed property, with an apparent addition on the northern side and an addition on the eastern side of this building. A railroad track is visible on the adjoining property to the southwest of the assessed property. The areas surrounding the assessed property appear to be developed residentially and commercially.

In the 1970 through 1999 aerial photographs, one apparent dwelling is visible on the eastern portion of the assessed property. It appears that one of the dwellings previously visible on the eastern portion of the assessed property has been demolished between 1961 and 1970. The remaining portion of the assessed property appears to be developed with the existing industrial building, with an apparent parking area on the northern side of the industrial building. A railroad track is visible on the adjoining property to the southwest of the assessed property. The areas surrounding the assessed property appear to be developed residentially and commercially.

Copies of the aerial photographs reviewed are included in Appendix C.

(1.3) In the 1912 Sanborn map, the assessed property appears to be developed with five dwellings, one stable, and one shed. The dwelling identified on the portion of the assessed property addressed as 195 Hague Street appears to represent the existing dwelling observed on the assessed property. A railroad track is identified on the adjoining property to the southwest of the assessed property.

In the 1944 Sanborn map, the assessed property appears to be developed with five dwellings, four auto garages, and a portion of the existing industrial building. Note, one of the auto garages identified on this map is located on the portion of the assessed property addressed as 195 Hague Street. A railroad track is identified on the adjoining property to the southwest of the assessed property.

In the 1971 Sanborn map, the assessed property appears to be developed with the existing dwelling, auto garage, and industrial building. A railroad track is identified on the adjoining property to the southwest of the assessed property.

Copies of the Sanborn maps reviewed are included in Appendix C.

(1.4) In the 1900 Plat Book, the assessed property appears to be developed with several frame dwellings and stables. A railroad track is identified on the adjoining property to the southwest of the assessed property.

In the 1912 Sanborn map (updated to June 1961), the assessed property appears to be developed with four dwellings, four auto garages, and a portion of the existing industrial building. A railroad track is identified on the adjoining property to the southwest of the assessed property.

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1.0 HISTORICAL DATA (Cont.)

(1.5) A review of the City of Rochester directories indicates that the assessed property has been residentially and commercially developed since at least 1927/28. Commercial occupants include a machine manufacturer, a tool & die company, a metal stamping company, commercial printing operation, etc. The historical uses of the assessed property are being identified as a recognized environmental condition.

A summary of the directories reviewed is included in Appendix C.

(1.6) The Denluck-Hyde Engineering & Surveying Associates, P.C. survey map (dated July 22, 1988 and revised August 15, 1988) indicates that the assessed property is developed with a one-story block building (i.e., the industrial building), with an asphalt lot to the north of this block building. This survey map also indicates that a frame garage is located on the eastern portion of the assessed property (i.e., the dwelling associated with this frame garage is not identified on this survey map). A copy of this survey map is included in Appendix A.

(1.7) The Moore & Bowles Realtors building plan (dated May 4, 1976) indicates that the assessed property is developed with a one-story masonry building addressed as 15 Elser Terrace. A copy of this building plan is included in Appendix A.

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2.0 PUBLIC INFORMATION/AGENCIES

2.1 NYSDEC FOIL:

Refer to copies of the FOIL request and FOIL response included in Appendix D
Date of FOIL Request: 1/28/04
Date of FOIL Response: 3/2/04
See Footnote (2.1)

2.2 DEPARTMENT OF HEALTH:

Monroe County
Mr. Joseph Albert
Date of FOIL Request: 1/22/04
See Footnote (2.2)

2.3 CITY OF ROCHESTER:

Records Access Office
Date of 1st FOIL Request: 1/22/04
Date of 1st FOIL Response: 2/6/04
See Footnote (2.3)

Records Access Office
Date of 2nd FOIL Request: 2/25/04
See Footnote (2.3)

Assessor's Office
(585) 428-7221
Date of Records Review: 1/27/04
See Footnote (2.3)

2.4 RECORDS REVIEW:

2.4.1 NPL:

Records Date:	9/9/03
Date of Last Agency Contact for Records Update:	10/9/03

Assessed Property: Not Listed.
1-Mile Radius: None Listed.

2.4.2 CERCLIS:

Records Date:	9/9/03
Date of Last Agency Contact for Records Update:	10/9/03

Assessed Property: Not Listed.
0.5-Mile Radius: None Listed.

2.4.3 CERCLIS NFRAP:

Records Date:	9/4/03
Date of Last Agency Contact for Records Update:	10/9/03

Assessed Property: Not Listed.
Adjoining Properties: None Listed.

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2.0 PUBLIC INFORMATION/AGENCIES (Cont.)

2.4.4 RCRA TSD:	Records Date:	9/9/03
	Date of Last Agency Contact for Records Update:	10/9/03
Assessed Property:	Not Listed.	
0.5-Mile Radius:	None Listed.	
2.4.5 RCRA GENERATORS (ACTIVE):	Records Date:	10/17/03
	Date of Last Agency Contact for Records Update:	10/17/03
Assessed Property:	Listed. See Footnote (2.4.5)	
Adjoining Properties:	None Listed.	
RCRA GENERATORS (INACTIVE):	Records Date:	10/17/03
	Date of Last Agency Contact for Records Update:	10/17/03
Assessed Property:	Not Listed.	
Adjoining Properties:	None Listed.	
2.4.6 CORRACTS:	Records Date:	9/9/03
	Date of Last Agency Contact for Records Update:	10/9/03
Assessed Property:	Not Listed.	
1.0-Mile Radius:	Listed. See Footnote (2.4.6)	
2.4.7 ERNS:	Records Date:	10/19/03
	Date of Last Agency Contact for Records Update:	10/30/03
Assessed Property:	Not Listed.	
2.4.8 NYSDEC IHWDS:	Records Date:	6/30/03
	Date of Last Agency Contact for Records Update:	7/22/03
Assessed Property:	Not Listed.	
1-Mile Radius:	Listed. See Footnote (2.4.8)	
2.4.9 NYSDEC HSWDS:	Records Date:	2/15/02
	Date of Last Agency Contact for Records Update:	10/30/03
Assessed Property:	Not Listed.	
0.5-Mile Radius:	None Listed.	

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2.0 PUBLIC INFORMATION/AGENCIES (Cont.)

2.4.10 NYSDEC SWF:	Records Date:	10/31/03
	Date of Last Agency Contact for Records Update:	10/31/03
Assessed Property:	Not Listed.	
0.5-Mile Radius:	None Listed.	
2.4.11 FEDERAL UST:	Undated	
Assessed Property:	Not Listed.	
Adjoining Properties:	None Listed.	
2.4.12 NYSDEC SPILLS/LST:	Records Date:	12/31/03
	Date of Last Agency Contact for Records Update:	1/5/04
Assessed Property:	Listed. See Footnote (2.4.12)	
0.5-Mile Radius:	Listed. See Footnote (2.4.12)	
2.4.13 NYSDEC PBS:	Records Date:	12/31/01
	Date of Last Agency Contact for Records Update:	10/30/03
Assessed Property:	Not Listed.	
Adjoining Properties:	None Listed.	
2.4.14 NYSDEC MOSF:	Records Date:	12/31/01
	Date of Last Agency Contact for Records Update:	10/30/03
Assessed Property:	Not Listed.	
Adjoining Properties:	None Listed.	
2.4.15 NYSDEC CBS:	Records Date:	12/31/01
	Date of Last Agency Contact for Records Update:	10/30/03
Assessed Property:	Not Listed.	
Adjoining Properties:	None Listed.	
2.4.16 LOCAL WASTE SITES:	Records Date: 1/27/04	
Assessed Property:	Not Listed.	
0.5-Mile Radius:	Listed. See Footnote (2.4.16)	

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2.0 PUBLIC INFORMATION/AGENCIES (Cont.)

PERTINENT INFORMATION, REFERENCED TO ITS SOURCE, IS SUMMARIZED BELOW.

(2.1) A Freedom of Information Law (FOIL) request was submitted to the New York State Department of Environmental Conservation (NYSDEC) on January 28, 2004 for information regarding the assessed property. The FOIL response, dated March 2, 2004, included a copy of a May 16, 1994 "Certificate to Operate an Air Contamination Source Process, Exhaust or Ventilation System Unit" (Certificate) for the assessed property (i.e., identified as Pierrepont Visual Graphics). A hand-written note on the Certificate (i.e., apparently written by the owner of the assessed property) indicated that this air emission source had not been used for approximately three years (i.e., since approximately 1991). The NYSDEC did not identify any other files regarding the assessed property. Based on the information presented above, the information obtained from the NYSDEC FOIL response is not being identified as a recognized environmental condition in relation to the assessed property at this time. Copies of the FOIL request and FOIL response are included in Appendix D.

(2.2) Mr. Joseph Albert, Monroe County Department of Health (MCDOH), indicated that the MCDOH has no records on file for the assessed property. Copies of the FOIL request and the FOIL response are included in Appendix D.

(2.3) The City of Rochester Fire Department records include several fire incidents that have been reported for the assessed property, including an incident on 5/2/90 that was referred to the NYSDEC (refer to Section 2.4.12 and Appendix D). These fire incident records are not being identified as a recognized environmental condition in relation to the assessed property at this time.

In addition, the City of Rochester Fire Department records include copies of flammable storage permits that have been issued, as well as fire inspection violations regarding the assessed property. A summary of the pertinent violations/complaints is provided below:

- A complaint form was issued in 1987 to Pierrepont Visual Graphics, Inc. for having "cleaning solvent in open barrel."

- A Notice of Violation was issued to American Tackless (i.e., an apparent former occupant of the assessed building) in 1993 for a violation regarding combustible waste and refuse. This 1993 Notice of Violation indicates that, "A general clean-up shall be made south of dock platform. All articles of no value shall be removed."

Additional information regarding the violations/complaints discussed above was not available. The information obtained does not specifically indicate that the storage practices associated with these violations/complaints resulted in contamination of the assessed property; however, due to the potential for environmental liabilities, these historical storage practices are being identified as a recognized environmental

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2.0 PUBLIC INFORMATION/AGENCIES (Cont.)

condition in relation to the assessed property. Copies of the pertinent records (i.e., the violations/complaints) provided by the City of Rochester Fire Department are included in Appendix D.

The City of Rochester Building Department records indicate that several permits (e.g., demolition permits, remodeling, backflow testing, etc.) have been issued for the assessed property. These records are not being identified as a recognized environmental condition in relation to the assessed property at this time. Copies of the pertinent records provided by the City of Rochester Building Department are included in Appendix D.

An additional FOIL request was submitted to the City of Rochester Records Access Office for information regarding the assessed property (i.e., 195 and 199 Hague Street). As of the date of this report, a response to this request has not been received. If pertinent information is obtained, it will be forwarded as a supplement to this report. A copy of the FOIL request is included in Appendix D.

The Assessor's records reviewed confirmed the owner, size, and tax map numbers of the assessed property, and indicated that the assessed property is serviced by the municipal sanitary sewer system, the municipal water supply system, and natural gas and electric utilities. The Assessor's records did not provide information regarding the environmental status of the assessed property. The Assessor's records indicate that the portion of the assessed property addressed as 195 Hague Street is developed with a 1,710-square foot dwelling that was constructed in 1847. The Assessor's records also indicated that a portion of the assessed property is addressed as 199 Hague Street. The portion of the assessed property addressed as 199 Hague Street is classified as a parking lot, which was paved in 1970. The portion of the assessed property addressed as 175 Hague Street is developed with a 33,144-square foot manufacturing building that was constructed in 1915. The Assessor's records indicate that several additions have been constructed on the assessed building.

(2.4.5) The assessed facility (i.e., identified as Pierrepont Visual Graphics, Inc. at 15 Elser Terrace) is identified as a conditionally exempt RCRA Generator of hazardous waste (refer to Appendix D). This listing does not necessarily indicate that recognized environmental conditions exist at the assessed property; however, the historic use of the assessed property as a commercial printing facility is being identified as a recognized environmental condition due to the types of materials that are used at a printing operation (i.e., inks, paints, solvents, etc.), and the types of wastes that can be generated.

(2.4.6) Two RCRA CORRACTS sites are located within a one-mile radius of the assessed property (refer to Appendix D). Local groundwater in the area of the assessed property appears to flow to the north (refer to Section 3.7). These CORRACTs sites are located approximately one mile west and approximately 0.9 miles northwest of the assessed property, respectively (assumed downgradient/crossgradient directions). Based on the distance and location of these CORRACTS sites from the assessed property, these CORRACTS sites are not being identified as a recognized environmental condition in

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2.0 PUBLIC INFORMATION/AGENCIES (Cont.)

relation to the assessed property at this time. Note, these CORRACTS sites are also identified as NYSDEC IHWD sites (refer to Section 2.4.8).

(2.4.8) Five NYSDEC Inactive Hazardous Waste Disposal Sites (IHWDSs) are located within a one-mile radius of the assessed property (refer to Appendix D). Local groundwater in the area of the assessed property appears to flow to the north (refer to Section 3.7). Four of these IHWDSs are located approximately one mile west, approximately 0.7 miles west, approximately 0.9 miles northwest, and approximately one mile northwest of the assessed property, respectively (i.e., assumed downgradient/crossgradient directions). Based on the distance and location of these four IHWDSs from the assessed property, these IHWDSs are not being identified as a recognized environmental condition in relation to the assessed property at this time.

The remaining IHWDS (#828028A) is located approximately 0.05 miles south of the assessed property (i.e., an assumed upgradient direction). The NYSDEC Inactive Hazardous Waste Disposal (IHWD) report indicates, "Elevated levels of mercury have been found in on-site soils and on-site groundwater." This report also indicates, "On-site soil is contaminated with TCE. Groundwater is also contaminated with TCE." Also, the NYSDEC IHWD report indicates, "The voluntary agreement covers investigation and remediation both on and offsite for the entire 14 acre parcel." Remedial activities have been conducted at this site, and the NYSDEC IHWD report does not specifically indicate that contamination from this site has migrated off-site toward the assessed property. Therefore, this IHWDS is not being identified as a recognized environmental condition in relation to the assessed property at this time. A copy of the NYSDEC IHWD report is included in Appendix D. Note, this site is also identified as a NYSDEC spill site and a confirmed local waste site (refer to Sections 2.4.12 and 2.4.16).

(2.4.12) A review of the NYSDEC Spills/Leaking Storage Tank (LST) database identified 107 closed/inactive spills within a 0.5-mile radius of the assessed property. Two closed spills were identified on the assessed property, and one closed spill was identified on the adjoining property to the east of the assessed property (i.e., at the intersection of Hague Street and O'Neil Street). These spills are summarized below:

- The NYSDEC Spill Report Form for Spill #9001348, reported on 4/30/90, indicates, "cutting oil leaked on to floor & out of building from 2" clip tanks. Oil contaminated soil outside building." A copy of the NYSDEC Spill Report Form is included in Appendix D. Note, this closed spill appears to be associated with a former occupant (K&W Manufacturing) of the assessed property.
- The NYSDEC Spill Report Form for Spill #9202653, reported on 6/2/92, indicates, "Anonymous caller reported dumping of cleaning solvents down into floor drain which empties into sanitary sewer." A copy of the NYSDEC Spill Report Form is included in Appendix D. Note, this closed spill appears to be associated with a former occupant (K&W Manufacturing) of the assessed property.
- The NYSDEC Spill Report Form for Spill #9711284, reported on 1/7/98, indicates, "5-5 gallon containers were abandoned on the street corner right-of-

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2.0 PUBLIC INFORMATION/AGENCIES (Cont.)

way. City of Rochester to dispose of properly." A copy of the NYSDEC Spill Report Form is included in Appendix D.

In addition, 13 closed/inactive unmappable spill sites are potentially located within a 0.5-mile radius of the assessed property. [Note: An unmappable spill site is defined as a spill with incomplete or inaccurate address information provided on the NYSDEC Spill Report Form; therefore, the specific location of the spill site could not be determined.] A spill listed as closed normally indicates that studies and/or remediation at the spill site have been completed, and a spill listed as inactive indicates that although some contamination may remain on the property, the NYSDEC does not require further action at this time. Thus, further investigation regarding the potential impact on the assessed property of these 120 closed/inactive spills does not appear warranted at this time.

Five active mappable spills were also identified within a 0.5-mile radius of the assessed property. Based on a preliminary review of the topographic map, local groundwater in the area of the assessed property appears to flow to the north. One active mappable spill is located approximately 0.4 miles north of the assessed property (i.e., assumed downgradient direction), one active mappable spill is located approximately 0.25 miles east of the assessed property (i e., assumed crossgradient direction), and one active mappable spill is located approximately 0.25 miles northwest of the assessed property (i.e., assumed downgradient/crossgradient direction). Based on the distance and location of these three active mappable spills from the assessed property, these three active mappable spills are not being identified as a recognized environmental condition in relation to the assessed property at this time.

The two remaining active mappable spills are located in an assumed upgradient direction, and these spills are summarized below:

- Spill #9212983, reported on 2/18/93, is located approximately 0.05 miles south of the assessed property. The NYSDEC Spill Report Form indicates, "While removing 3,000 gal underground lacquer thinner tank, contaminated soil encountered. Product visible on surface water runoff in excavation. No groundwater encountered." The NYSDEC Spill Report Form does not indicate that contamination from this site has migrated off-site. Therefore, this active spill is not being identified as a recognized environmental condition in relation to the assessed property at this time. A copy of the NYSDEC Spill Report Form is included in Appendix D. Note, this site is also identified as a NYSDEC IHWDS and a confirmed local waste site (refer to Sections 2.4.8 and 2.4.16).

- Spill #0070497, reported on 11/16/00, is located approximately 0.5 miles south of the assessed property. The NYSDEC Spill Report Form indicates that, "While removing a 1,000 and 3,000 gallon underground gasoline tank, contaminated soils were encountered. Contaminated soils are being stockpiled." The NYSDEC Spill Report Form does not indicate that contamination from this site has migrated off-site. Therefore, this active spill is

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2.0 PUBLIC INFORMATION/AGENCIES (Cont.)

not being identified as a recognized environmental condition in relation to the assessed property at this time. A copy of the NYSDEC Spill Report Form is included in Appendix D.

(2.4.16) The Monroe County Department of Health (MCDOH) has identified two confirmed local waste sites and one suspect local waste site within 0.5 miles of the assessed property. These waste sites are summarized below:

- Rochester Waste Site #RO-148 is located approximately 0.05 miles south of the assessed property (i.e., assumed upgradient direction). This confirmed local waste site is also identified as a NYSDEC IHWDS (#828028A), and a spill site (refer to Sections 2.4.8 and 2.4.12). Remedial activities have been conducted at this site, and the NYSDEC IHWD report does not specifically indicate that contamination from this site has migrated off-site toward the assessed property. Therefore, this confirmed local waste site is not being identified as a recognized environmental condition in relation to the assessed property at this time.

- Rochester Waste Site #RO-149 is located approximately 0.05 miles south of the assessed property (i.e., assumed upgradient direction). This confirmed local waste site was removed from the NYSDEC IHWDS list (Site #828028B). Since this site has been removed the NYSDEC IHWDS list (i.e., delisted), this site is not being identified as a recognized environmental condition in relation to the assessed property at this time.

The suspect local waste site is located approximately 0.4 miles northwest of the assessed property (i.e., assumed downgradient/crossgradient direction). Based on the distance and location of this suspect local waste site from the assessed property, this suspect local waste site is not being identified as a recognized environmental condition in relation to the assessed property at this time.

A copy of the MCDOH local waste site map is included in Appendix D.

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3.0	**SITE RECONNAISSANCE**	See Footnote (3.0)
	Date of Site Visit:	January 27, 2004
	Assessor:	Pamela M. Loedding
3.1	**FILL:**	No Observations of Concern.
3.2	**DEBRIS/DUMPING:**	No Observations of Concern. See Footnote (3.2)
3.3	**SPILLAGE/STAINING:**	No Observations of Concern. See Footnote (3.3)
3.3.1	**STRESSED VEGETATION:**	No Observations of Concern.
3.3.2	**ODORS:**	No Observations of Concern. See Footnote (3.3.2)
3.3.3	**POOLS OF LIQUIDS:**	No Observations of Concern.
3.4	**UTILITIES:**	
3.4.1	**PCBs/TRANSFORMERS:**	No Observations of Concern. See Footnote (3.4.1)
3.4.2	**FLOOR DRAINS/SUMPS:**	Observations of Concern. See Footnote (3.4.2)
3.4.3	**POTABLE WATER & SEWAGE DISPOSAL:**	No Observations of Concern. See Footnote (3.4.3)
3.4.4	**HEATING & COOLING:**	No Observations of Concern. See Footnote (3.4.4)
3.5	**PITS/PONDS/LAGOONS:**	No Observations of Concern.
3.6	**OPERATIONS/EQUIPMENT:**	
3.6.1	**STORAGE TANKS:**	Observations of Concern. See Footnote (3.6.1)
3.6.2	**DRUMS/CONTAINERS:**	No Observations of Concern. See Footnote (3.6.2)
3.6.3	**HAZARDOUS SUBSTANCES/ PETROLEUM PRODUCTS:**	No Observations of Concern. See Footnote (3.6.3)
3.6.4	**SOLID WASTE:**	No Observations of Concern. See Footnote (3.6.4)
3.6.5	**WASTEWATER:**	No Observations of Concern.
3.6.6	**WELLS:**	No Observations of Concern.
3.6.7	**AIR EMISSIONS:**	No Observations of Concern.
3.6.8	**EQUIPMENT:**	No Observations of Concern. See Footnote (3.6.8)

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3.0 SITE RECONNAISSANCE (Cont.)

3.6.9 MATERIAL STORAGE:	No Observations of Concern.
3.7 TOPOGRAPHIC CONDITIONS:	No Observations of Concern. See Footnote (3.7)
3.8 ADJOINING PROPERTIES:	No Observations of Concern.
North:	Residential properties and Elser Terrace.
East:	Residential properties and Hague Street.
South:	Residential properties.
West:	Railroad track (southwest), a paving company and a plumbing supply company (northwest).

PERTINENT INFORMATION, REFERENCED TO ITS SOURCE, IS SUMMARIZED BELOW

(3.0) At the time of the site visit, the assessed property was developed with a one-story industrial building that is currently occupied by a commercial printing operation, as well as a two-story dwelling and detached auto garage. The exterior portion of the assessed property includes a parking lot and grass-covered areas.

At the time of the site visit, approximately one inch of snow cover was observed in the on-site parking lot, and approximately four to six inches of snow cover was observed on the grass-covered areas of the assessed property, obscuring a complete view of the ground surface. Thus, this assessment is subject to any state of facts that a complete view of the ground surface would have revealed.

At the request of the current owner of the dwelling on the assessed property, interior observations of the dwelling and associated auto garage were not conducted at the time of the site visit. Thus, this assessment is subject to any state of facts that observations of the interior of these two buildings would have revealed.

Access to the dark room located in the commercial printing portion of the industrial building was not possible (i.e., the dark room was in-use) at the time of the site visit. Thus, this assessment is subject to any state of facts that observations of the dark room would have revealed.

At the time of the site visit, it was not possible to observe parts of the western and northern exterior portions of the assessed property due to access limitations (i.e., the industrial building was constructed too close to the buildings on the adjoining properties). Thus, this assessment is subject to any state of facts that observations of the western and northern exterior portions of the assessed property would have revealed.

Reportedly, the silk screens used in the commercial printing operation are washed off in a washbasin, and in the interior loading dock in the southeastern portion of the industrial building (refer to Section 4.1). The discharge location of the drain in the loading dock is not specifically known (refer to Section 3.4.2). It was reported that the washbasin is connected

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3.0 SITE RECONNAISSANCE (Cont.)

to the municipal sanitary sewer system (refer to Section 4.1); however, the discharge location was not confirmed as part of this Phase I ESA. The washing of silk screens in these areas is being identified as a recognized environmental condition in relation to the assessed property.

(3.2) At the time of the site visit, apparent debris (e.g., apparent wood pallet, metal, etc.) was observed beneath the snow cover on the southwestern exterior side of the industrial building. Drums and/or containers were not observed in the debris; however, due to the snow cover, the exact content of the debris could not be confirmed at the time of the site visit. The debris observed is not being identified as a recognized environmental condition in relation to the assessed property at this time; however, this assessment is subject to any state of facts that detailed observations of the debris in this area would have revealed.

(3.3) Ink/paint staining (droplets) was observed on the poured concrete floor in the silk screening area inside the industrial building on the assessed property. The poured concrete floor appeared to be in good condition, and drains were not observed in the area of the silk screening equipment. Therefore, this ink/paint staining is not being identified as a recognized environmental condition in relation to the assessed property at this time.

(3.3.2) At the time of the site visit, solvent-type odors were detected when the flammable storage cabinets were opened in the commercial printing portion of the industrial building; however, the containers in the cabinet did not appear to be leaking. Therefore, these containers are not being identified as a recognized environmental condition in relation to the assessed property at this time.

(3.4.1) A transformer room was observed in the western interior portion of the industrial building. At the time of the site visit, this transformer room was locked; therefore, observations of the interior portion of the transformer room were not possible. Thus, this assessment is subject to any state of facts that observations of the interior portion of this transformer room would have revealed. Reportedly, only the utility company has access to this transformer room (refer to Section 4.1).

(3.4.2) At the time of the site visit, a sump was observed in each of the basements located in the industrial building on the assessed property. The cover on the sump located in the basement of the 1970s addition (i.e., the eastern-most portion of the industrial building) was bolted to the rim of the sump; therefore, it was not possible to remove the cover. Thus, this assessment is subject to any state of facts that observations of the interior of this sump would have revealed.

A sump was also observed in the basement (i.e., adjacent to the boiler) of the 1915 portion of the industrial building (i.e., the north/northwestern portion of the industrial building). No sheens were observed on the liquid inside this sump, and odors or staining were not observed in the area of this sump. Therefore, this sump is not being identified as a recognized environmental condition in relation to the assessed property at this time.

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3.0 SITE RECONNAISSANCE (Cont.)

Reportedly, a sump may be located in the basement of the dwelling located on the assessed property (refer to Section 4.1). Note, at the time of the site visit, observations of the interior portion of the dwelling were not possible (refer to Section 3.0).

At the time of the site visit, a dark sludge-like material was observed in the drain located in the loading dock in the southeastern interior portion of the industrial building (i.e., the portion of the industrial building occupied by the commercial printing company). Reportedly, silk screens are washed off in this area, and the waste liquids are discharged into this dock drain (refer to Section 4.1). A 'haze reducer' cleaner is used to clean the screens, and it was reported that some oil-based inks/paints are used on-site. This dock drain/sludge-like material is being identified as a recognized environmental condition in relation to the assessed property.

A drain was observed in each of the loading docks in the central interior portion of the industrial building (i.e., in the unoccupied portion of the industrial building). No stains, spills, or odors were observed on the poured concrete floor in the area of these drains at the time of the site visit. These drains were covered with a metal plate, which could not be removed at the time of the site visit. The discharge location of these drains is unknown. Therefore, these drains are being identified as a recognized environmental condition in relation to the assessed property at this time.

An apparent drain was observed in the northern loading dock inside the industrial building (i.e., in the unoccupied portion of the industrial building). No stains, spills, or odors were observed in the area of this apparent drain at the time of the site visit. The discharge location of this drain is unknown. Therefore, this drain is being identified as a recognized environmental condition in relation to the assessed property at this time.

A drain was observed adjacent to the furnace observed in the basement of the 1970s building addition. No stains, spills, or odors were observed in the area of this drain at the time of the site visit. Therefore, this drain is not being identified as a recognized environmental condition in relation to the assessed property at this time.

(3.4.3) Reportedly, the assessed property is serviced by the municipal water supply system and the municipal sanitary sewer system (refer to Section 2.3).

(3.4.4) At the time of the site visit, a natural gas-fired furnace was observed in the basement of the 1970s addition to the industrial building, and ceiling-mounted unit heaters were observed in the portion of the industrial building currently occupied by a commercial printing operation.

A boiler was observed on the first floor and a boiler was observed in the basement of the unoccupied portion of the industrial building. Reportedly, these boilers no longer work, and these boilers were previously fueled by natural gas (refer to Section 4.1). Note, it is possible that these two boilers were formerly fueled by fuel oil (refer to Section 3.6.1).

Reportedly, the dwelling located on the assessed property is heated by a natural gas-fired furnace (refer to Section 4.1).

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3.0 SITE RECONNAISSANCE (Cont.)

(3.6.1) At the time of the site visit, a boiler was observed in the basement of the original portion of the industrial building. An "Operating Instructions" sheet hanging on the wall adjacent to this boiler indicates that this boiler may have been fueled by fuel oil at one time (i.e., the operating instruction sheet indicated a set up for a fuel oil tank). A fuel oil tank was not observed in the basement; however, two sets of pipes were observed in the basement in the area of the boiler at the time of the site visit. The purpose of these pipes (located on opposite walls) could not be determined at the time of the site visit. These two sets of pipes are being identified as a recognized environmental condition in relation to the assessed property.

At the time of the site visit, an approximate 1.5 to 2-inch diameter pipe was observed on the eastern exterior wall of the industrial building near the loading docks associated with the unoccupied portion of this building. It appears possible that this pipe could have been associated with a fuel oil tank, although it is also possible that this pipe serves another purpose (i.e., associated with a sprinkler system, etc.). Since the purpose of this pipe could not be determined at the time of the site visit, this pipe is being identified as a recognized environmental condition in relation to the assessed property.

An approximate one-inch to two-inch diameter pipe was observed on the southwestern exterior corner of the industrial building at the time of the site visit. The purpose of this pipe could not be determined at the time of the site visit; however, it is possible that this pipe is associated with an underground storage tank. This pipe is being identified as a recognized environmental condition in relation to the assessed property.

(3.6.2) A 55-gallon drum reportedly containing waste ink/paint (refer to Section 4.1) was observed on the loading dock in the southeastern interior portion of the industrial building. No stains, spills, or odors were observed in the area of this drum at the time of the site visit. Therefore, this drum of waste ink/paint is not being identified as a recognized environmental condition in relation to the assessed property at this time.

(3.6.3) At the time of the site visit, containers of silk screening inks/paints, thinners, degreasers, motor oil, screen cleaners, haze reducer, application fluid, ink retarder, etc. were observed inside the commercial printing portion of the industrial building. Spillage and staining were not observed in the area of these containers; however, a solvent-type odor was detected when the flammable storage cabinets were opened (refer to Section 3.3.2). These containers are not being identified as a recognized environmental condition in relation to the assessed property at this time.

(3.6.4) At the time of the site visit, a Waste Management dumpster was observed on the loading dock in the commercial printing portion of the industrial building, and a Waste Management dumpster was observed on the southern exterior portion of the assessed property. No stains, spills, or odors were observed in the area of these dumpsters; however, snow cover obscured a complete view of the ground surface in the area of the dumpster located on the exterior portion of the assessed property (refer to Section 3.0). These dumpsters are not being identified as a recognized environmental condition in relation to the assessed property at this time.

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3.0 SITE RECONNAISSANCE (Cont.)

Reportedly, cleaning rags are kept in five-gallon containers and transported off-site for cleaning by Cintas (refer to Section 4.1).

(3.6.8) Silk screening equipment was observed in the commercial printing portion of the industrial building. This silk screening equipment is not being identified as a recognized environmental condition in relation to the assessed property at this time.

An air compressor was observed near the woodworking shop in the commercial printing portion of the industrial building. Also, a hydraulic lift plate was observed at the loading dock located in the southeastern interior portion of the industrial building. A hydraulic cylinder was observed beneath this lift plate and above the ground surface. No stains, spills, or odors were observed in the area of this equipment at the time of the site visit. Therefore, this equipment is not being identified as a recognized environmental condition in relation to the assessed property at this time.

(3.7) According to the USGS map, the assessed property is located approximately 528 feet above sea level. The assessed property and surrounding area are relatively level. There are no surface water bodies on the assessed property. Storm water on the assessed property appears to drain off the assessed property via overland flow to the west. Based on a preliminary review of the topographic map, local groundwater in the area of the assessed property appears to flow to the north toward Lake Ontario, which is located more than seven miles from the assessed property. This flow direction may be modified locally due to buried utilities, nearby pumping, seasonal conditions, or other factors.

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4.0 INTERVIEWS

4.1 Mr. Joseph J. Zappia
Owner of the Assessed Property
Date of Interview: 1/27/04

No Concern Identified. See Footnote (4.1)

PERTINENT INFORMATION, REFERENCED TO ITS SOURCE, IS SUMMARIZED BELOW.

(4.1) Mr. Joseph J. Zappia indicated that he has owned/worked at the assessed property since at least 1977/78. Mr. Zappia also indicated that he has no knowledge of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the assessed property; any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the assessed property; or any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products in, on, or from the assessed property.

Listed below is a summary of information provided by Mr. Zappia:

- The assessed property is currently developed with a two-story dwelling with an associated detached auto garage, and a one-story industrial building. (Note, at the request of Mr. Zappia, the interior portions of the dwelling and the associated auto garage were not observed as part of this assessment.) Mr. Zappia indicated that a commercial printing operation has occupied a portion of the industrial building since at least 1977/78, and that a portion of the industrial building is currently vacant.

- The industrial building, measuring approximately 30,465 square feet, was constructed in the early 1900's with at least three additions. There are two basement levels in the industrial building, which contain boilers/furnaces for this building. Mr. Zappia indicated that this building is currently heated by natural gas. Mr. Zappia indicated that, to the best of his knowledge, the industrial building was not previously heated with fuel oil.

- The dwelling measures approximately 1,100 to 1,200 square feet. Mr. Zappia is not aware of the date of construction of the dwelling or the associated auto garage. The dwelling is heated by a natural gas heating system. Mr. Zappia indicated that a sump may be located in the basement of the dwelling. Mr. Zappia also indicated that, to the best of his knowledge, this dwelling has a natural gas-fired heating system.

- The assessed property is serviced by the municipal sanitary sewer system and the municipal water supply system. Two sumps are located in the basements of the industrial building. Mr. Zappia indicated that he does not know the discharge location of these sumps. Also, Mr. Zappia indicated that drains are located in the industrial building; however, he is not aware of the discharge location of these drains.

- A dwelling was demolished near the portion of the assessed property addressed as 195 Hague Street (i.e., on the eastern portion of the assessed property). This

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4.0 INTERVIEWS (Cont.)

dwelling was demolished in the 1970's prior to Mr. Zappia's ownership of the assessed property. Mr. Zappia indicated that he has no additional knowledge (e.g., disposal of demolition materials, etc.) regarding this former dwelling.

- Mr. Zappia indicated that, to the best of his knowledge, materials have not been filled, buried, or dumped on the assessed property. Also, Mr. Zappia indicated that, to the best of his knowledge, storage tanks have not been installed or removed from the assessed property.

- Silk screen printing inks/paints and solvents are used in a portion of the industrial building. Mr. Zappia indicated that, to the best of his knowledge, these materials have not spilled or leaked on the assessed property. Also, Mr. Zappia indicated that some of the inks/paints used in the industrial building may be oil-based.

- Screens are washed off in two areas of the commercial printing portion of the industrial building. These two areas are discussed below:

  - Screens are washed off in a washbasin located in the screen making area. Mr. Zappia indicated that he believes that this washbasin discharges to the sanitary sewer system.

  - Screens are also washed off in the loading dock in the southeastern interior portion of the industrial building. The waste liquids from this washing process (i.e., which could contain inks, etc.) are discharged into a drain located in this loading dock. Mr. Zappia indicated that he does not know the discharge location of this drain.

- Waste Management transports paper waste materials generated in the industrial building off the assessed property for disposal. Rags used for cleaning of silk screening equipment are transported off-site by Cintas. A 55-gallon drum containing waste ink/paint is located on the loading dock in the industrial building. Mr. Zappia indicated that this drum has been on the loading since his company first occupied the industrial building, and that when this drum is full, it will be disposed of off the assessed property.

- Mr. Zappia indicated that a transformer room is located in the vacant portion of the industrial building; however, Mr. Zappia does not have a key for this room. Mr. Zappia indicated that, to the best of his knowledge, Rochester Gas and Electric maintains the transformers that are located in this room. He also indicated that, to the best of his knowledge, Rochester Gas and Electric has the only key(s) to this transformer room.

Documentation of the interview conducted with Mr. Joseph J. Zappia is included in Appendix E.

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5.0 ADDITIONAL ISSUES/SERVICES

5.1	Asbestos-Containing Materials	Not assessed. See Footnote (5.1)
5.2	Radon	Not assessed.
5.3	Lead-Based Paint	Not assessed.
5.4	Lead-in-Drinking Water	Not assessed.
5.5	Wetlands	Not assessed.
5.6	Regulatory Compliance	Not assessed.
5.7	Cultural and Historic Resources	Not assessed.
5.8	Industrial Hygiene	Not assessed.
5.9	Health and Safety	Not assessed.
5.10	Ecological Resources	Not assessed.
5.11	Endangered Species	Not assessed.
5.12	Indoor Air Quality	Not assessed.
5.13	High Voltage Powerlines	Not assessed.
5.14	Mold	Not assessed.

PERTINENT INFORMATION, REFERENCED TO ITS SOURCE, IS SUMMARIZED BELOW.

(5.1) Although beyond the scope of this assessment, damaged suspect asbestos-containing material (SACM) pipe insulation and damaged SACM boiler thermal system insulation was observed on the boiler located in the basement of the original portion of the industrial building. Damaged SACM pipe insulation was also observed on the first floor in the unoccupied portion of the industrial building. The information regarding the possible presence of asbestos on the assessed property is being provided for informational purposes, without providing any conclusions or recommendations.

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6.0 REVIEW OF PRIOR ENVIRONMENTAL REPORTS/DOCUMENTS

6.1 Previous Reports — See Footnote (6.1)

PERTINENT INFORMATION, REFERENCED TO ITS SOURCE, IS SUMMARIZED BELOW.

(6.1) Prior environmental reports/documents regarding the assessed property were not provided to DAY for review as part of this assessment.

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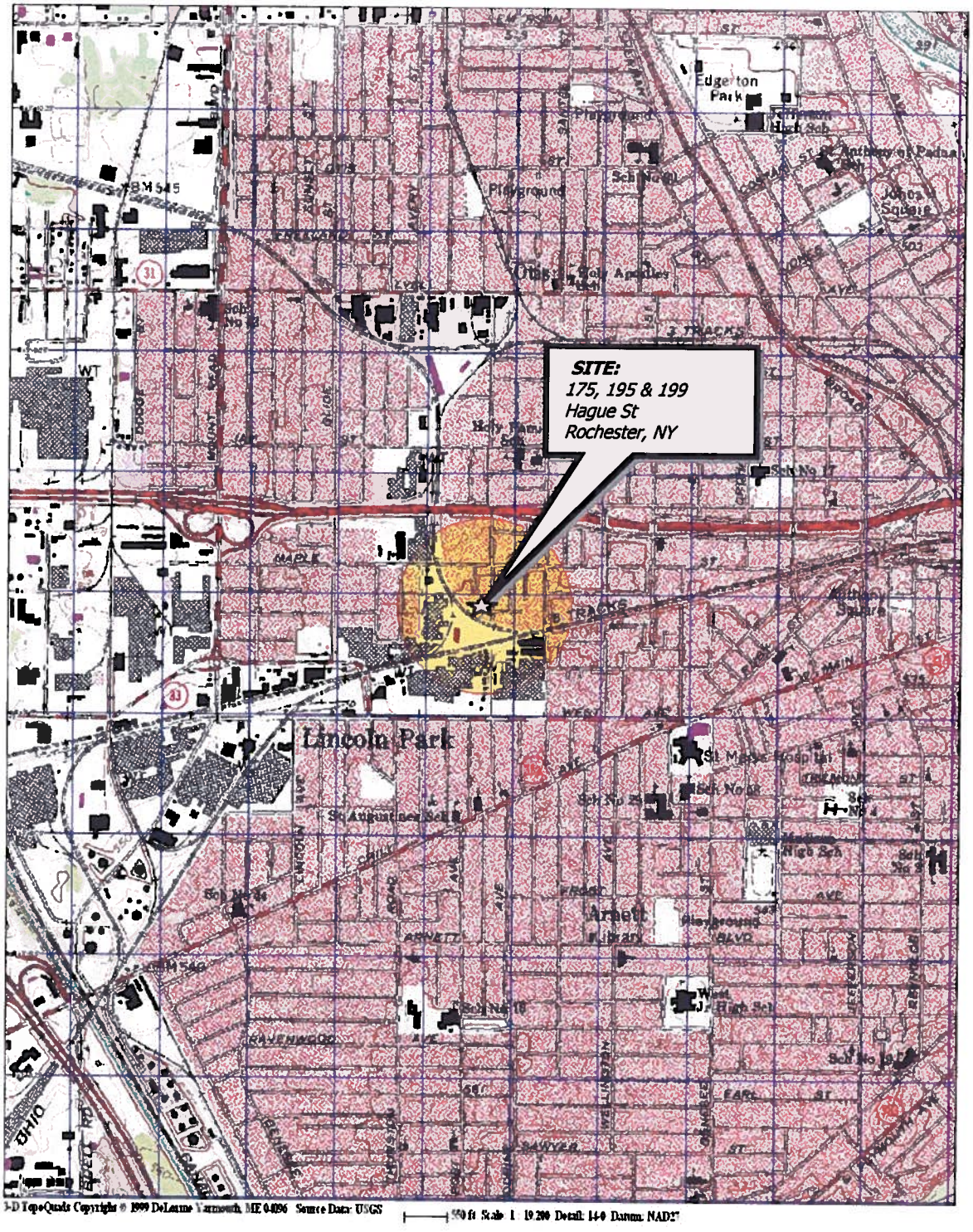
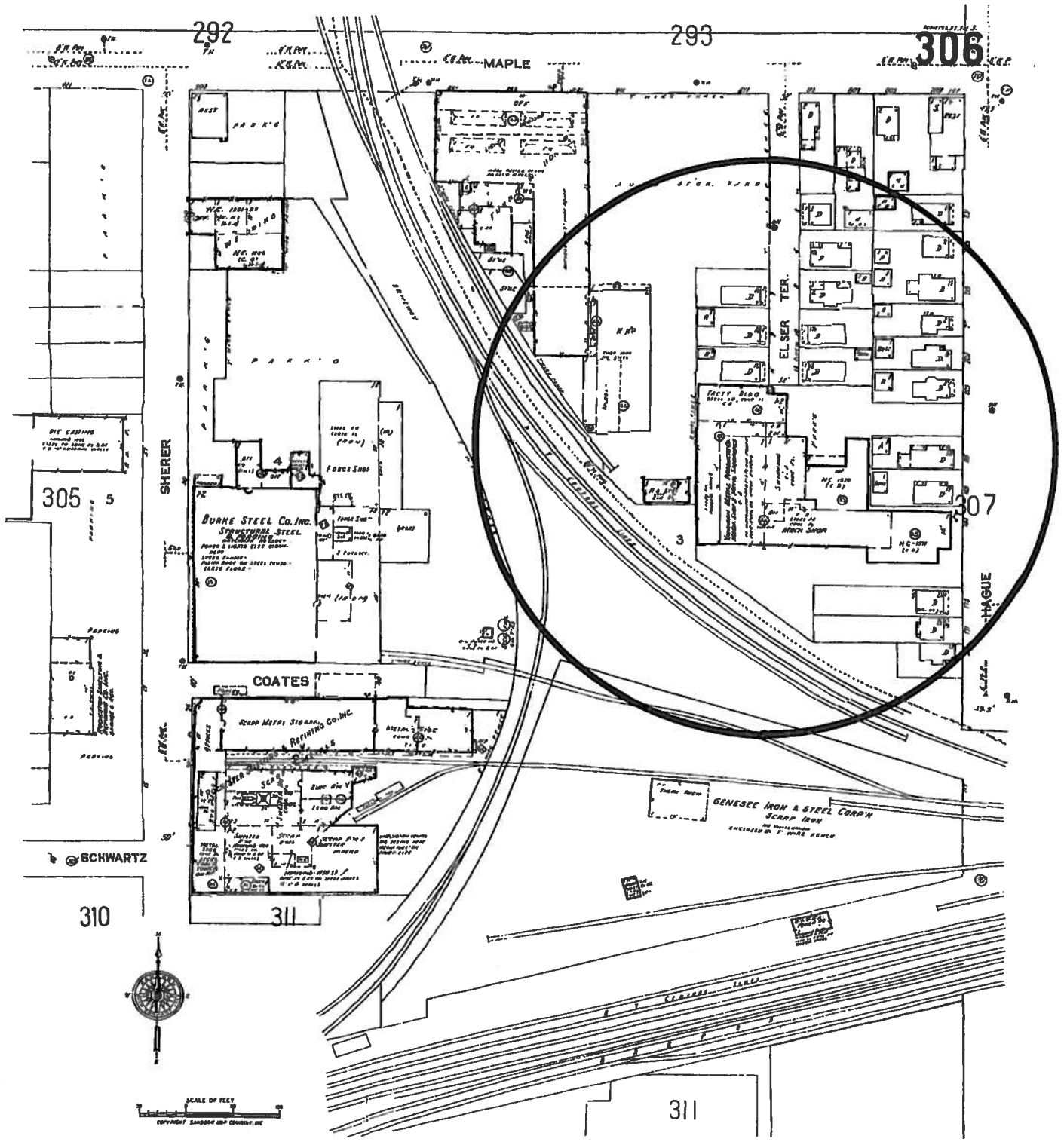
APPENDIX A

Site Location Map, Site Sketch, Tax Map
Property Survey Map, and Building Plan



Drawing Produced From: 3-D TopoQuads, DeLorme Map Co., referencing USGS quad maps Rochester West (NY) 1995 and Rochester East (NY) 1995. Site Lat/Long: N43°09.22' – W77°38.83'

DATE 01-22-2004 DRAWN BY Tww SCALE 1" = 2000'	day DAY ENVIRONMENTAL, INC. ENVIRONMENTAL CONSULTANTS ROCHESTER, NEW YORK 14614-1008	PROJECT TITLE 175, 195 & 199 HAGUE STREET ROCHESTER, NY PHASE I ASSESSMENT DRAWING TITLE PROJECT LOCUS MAP	PROJECT NO. 3392E-04 FIGURE 1



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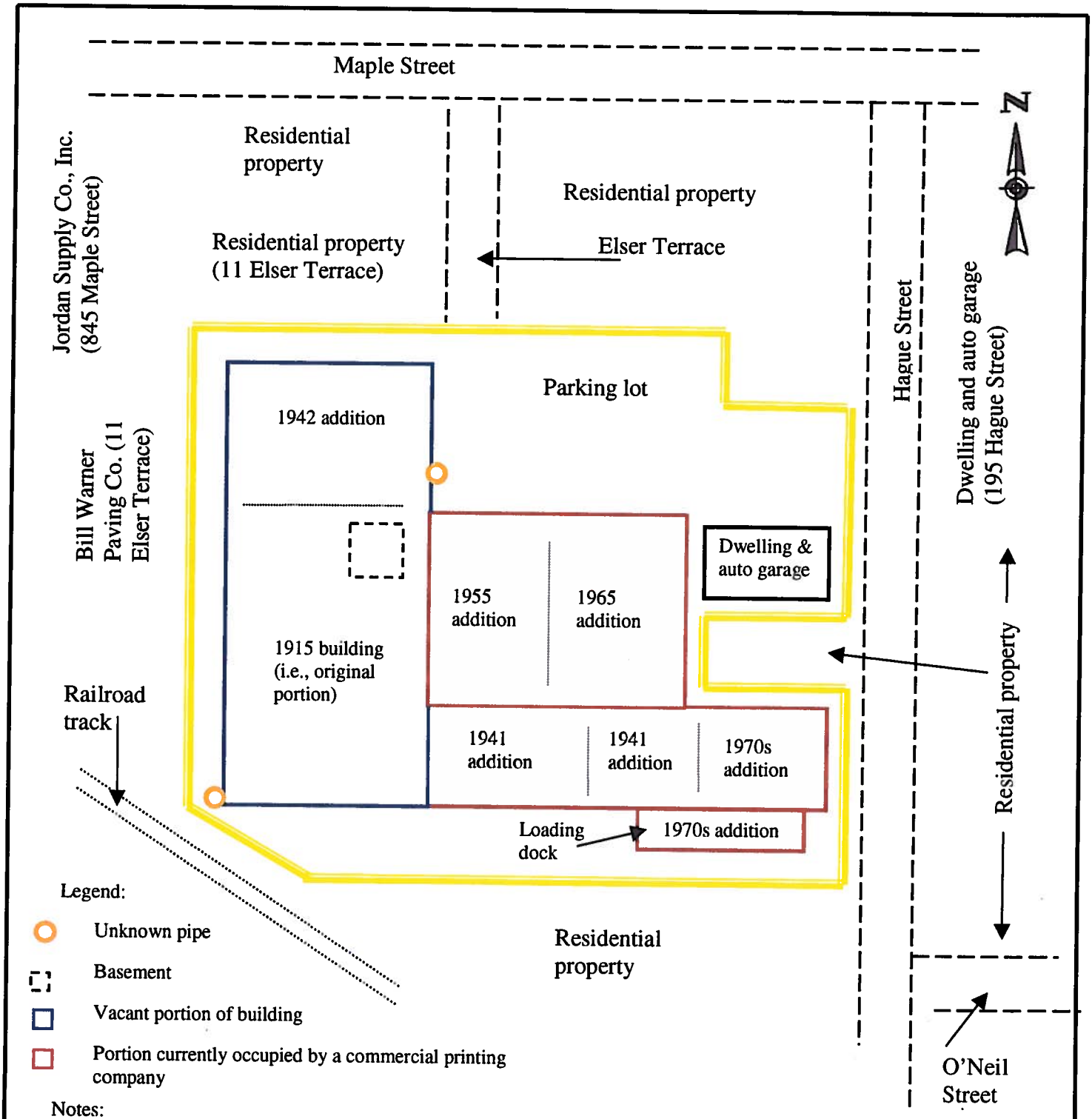
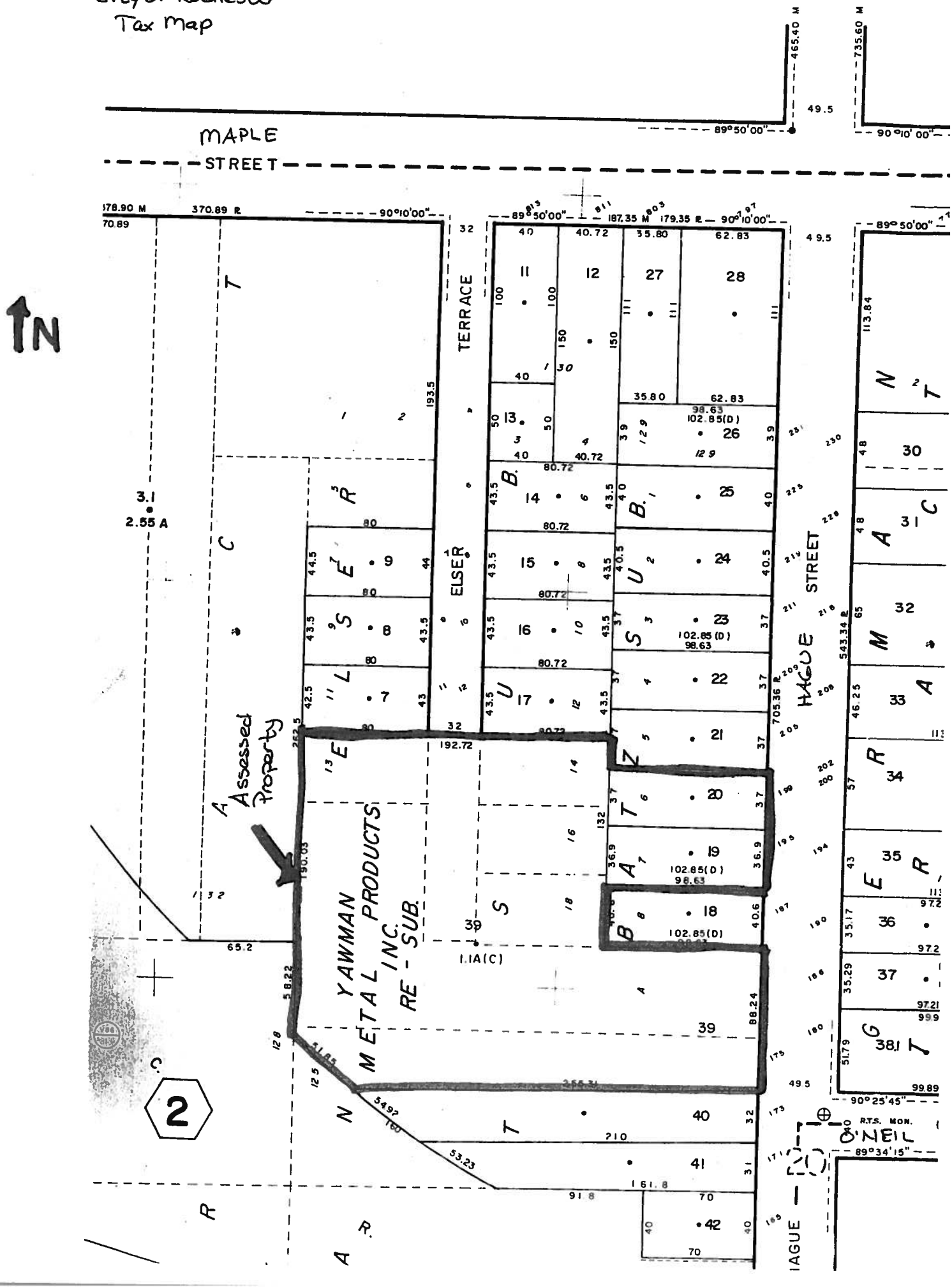


Notes:

1) Site sketch based on observations made at the time of the site visit performed by a Day Environmental, Inc. representative on January 27, 2004.
2) The highlighted area is only a representation of the assessed property, and does not depict the actual property boundaries of the assessed property.

DATE 2/2/2004 DRAWN BY pml SCALE Not to Scale	day DAY ENVIRONMENTAL, INC. ENVIRONMENTAL CONSULTANTS ROCHESTER, NEW YORK 14614	PROJECT TITLE 175 195 & 199 Hague Street Rochester, New York PHASE I ASSESSMENT DRAWING TITLE SITE SKETCH	PROJECT NO. 3392E-04 FIGURE 2

City of Rochester
Tax Map



APPENDIX B

Site Observations and Site Photographs

Day Environmental, Inc.

SITE OBSERVATIONS

Project No.: Rocky 3392E-04 Date: 1/27/2004 Assessor Name: pml

Property Address: Pierrepont Visual Graphics Inc & Dwelling and Garage
175, 195 + 199 Hague Street
Rochester New York

Persons Present/Title: Joe Zappa - owner of property

Locality: (circle one) (Urban), Suburban, Rural
(Highly), Moderately, Lightly Developed
Industrial, (Commercial), Agricultural, (Residential), Wooded, Fallow, Vacant

No. of acres: ~1.2ac Frontage: — Depth: —

GROUND SURFACES:

Fill materials: yes/(no) *
Debris/Dumping: (yes)/no * on west exterior side of industrial building
Spills/Staining: (yes)/no * / printing ink on floor in industrial building
Stressed Vegetation: yes/(no) *
Odors: yes/(no) *
Pools of Liquid: yes/(no) *
Pits/Ponds/Lagoons: yes/(no) *
Wastewater discharge: yes/(no) *
Trees — Landscaping — Green area ✓

* Snow cover: approximately 1" in parking lot
4-6" on grass-covered areas

UTILITIES:

room locked no key available

# of Transformer(s)	?	# of Transformer(s)	
Location on property	original bldg	Location on property	
Pole-mounted or pad-mounted	pad/ground	Pole-mounted or pad-mounted	
Ownership	RG & E	Ownership	
Suspect PCB equipment	unknown	Suspect PCB equipment	
Condition of casing	unknown	Condition of casing	
Staining or spillage observed	unknown	Staining or spillage observed	

Property serviced by:
Natural gas ✓
Electric ✓
Telephone ✓
Sewer ✓ Date of Connection: unknown
Septic — Location on Property: —
Water ✓ Date of Connection: unknown
Water Supply
Well — Location on Property: —

BUILDING:

Building Designation: industrial building

No. of stories 1
Age of construction 1900's
Additions: 3 - last one in 1972/73
Circle: (Basement) Slab-on-grade Attic Crawlspace
↳ 2 partials
Envelope: block/poured concrete ✓ brick ✓
steel ✓ wood ✓
siding (type) —
Roof Type: peaked or (flat) type of material built-up

Existing Heating System: Natural gas-fired since 1977/78
Past Heating System: type unknown prior to 1977/78; possibly fuel oil (see notes)
Floor drains: (yes)/no discharge point unknown
Sump pumps: (yes)/no discharge point unknown
Catch basins: yes/no discharge point
↳ unknown due to snow cover
Current on-site operations: commercial printing & vacant suite
Past on-site operations: tool & die

Building Designation: Dwelling

At the request of Joe Zappia, observations were not conducted on the interior portion of the dwelling.

No. of stories 2
Age of construction 1847
Additions: No
Circle: (Basement) Slab-on-grade Attic Crawlspace
Envelope: block/poured concrete brick
steel wood ✓
siding (type)
Roof Type: (peaked) or flat type of material shingles

Existing Heating System: Natural gas since 1980± - reported by J. Zappa
Past Heating System: unknown
Floor drains: yes/no discharge point
Sump pumps: yes/no discharge point Zappa - there may be a sump in the basement
Catch basins: yes/no discharge point
unknown

Current on-site operations: residential since 1847
Past on-site operations: —

BUILDING (cont.):

Building Designation: Auto Garage (associated with dwelling)

At the request of Joe Zappia, observations were not conducted on the interior portion of this building

No. of stories 1 square foot unknown
Age of construction unknown
Additions: No
Circle: Basement (Slab-on-grade) Attic Crawlspace

Envelope: block/poured concrete _____ brick _____
steel _____ wood ✓
siding (type) _____
Roof Type: (peaked) or flat type of material shingles

Existing Heating System: None reported
Past Heating System: —

unknown
Floor drains: yes/no discharge point _____
Sump pumps: yes/no discharge point _____
Catch basins: yes/no discharge point _____

Current on-site operations: auto garage since construction

Past on-site operations: —

SUSPECT ASBESTOS-CONTAINING MATERIALS: Industrial Building

Was asbestos evaluated as part of this assessment? Yes (No)
Does the age of the building suggest the presence of asbestos: Yes No
Date of construction: _____
Has the building been renovated: Yes No Unk.
Date of renovation: _____

Floor materials: _____ 9" x 9" _____ 12" x 12"
_____ rolled vinyl flooring _____ stair treads

Ceiling tiles: _____ 1' x 1' _____ 2' x 2'
_____ 2' x 4' _____ Spray-on

Drywall/Plaster _____ TSI _____
Pipe Wrap _____ Boiler TSI _____
Base Cove _____ Transite _____
Roofing _____

Condition of materials: Note, damaged pipe insulation and damaged boiler TSI was observed in a portion of the industrial building.

SUSPECT LEAD-BASED PAINT: Industrial Building

Was lead-based paint evaluated as part of this assessment? Yes (No)
Does the age of the building suggest the presence of lead-based paint: Yes No
Date of construction: _____
Has the building been renovated: Yes No Unk.
Date of renovation: _____

Condition of paint: Good Damaged
If damaged, does paint appear to be (circle one):

Peeling Flaking Chipping Other _____

Comments: _____

STORAGE TANKS:

USTs	Capacity	Product	Location on Property
None observed	Tank 1		
	Tank 2		

Staining, Stressed or Dead Vegetation _____
Odors Detected _____
Tanks Registered _____
Any tanks removed from the property _____
contractor/date _____

ASTs	Capacity	Product	Location on Property
None observed	Tank 1		
	Tank 2		

Staining, Stressed or Dead Vegetation _____
Odors Detected _____
Tanks Registered _____
Any tanks removed from the property _____
contractor/date _____

Comments: Two sets of pipes were observed in the boiler room in the original portion of the industrial building. Operating instructions next to boiler indicate instructions for fuel oil tank set up.

Curved pipe (1.5" - 2" diameter) on east exterior wall near loading docks for unoccupied portion of industrial building. Purpose unknown.

1" to 2" diameter pipe in ground on S.W. exterior corner of the industrial building. Purpose unknown.

HAZARDOUS MATERIALS: for industrial building

stored on-site ✓ used on-site ✓
MSDS on-site (yes)/no received some copies
List materials (type, size of containers, spills, odors. etc.)
silk screening inks screen cleaners ink retarder
thinners haze reducers
degreasers application fluid
motor oil
Evidence of Spillage/Leakage/Odors:
Staining - None observed
Solvent odor present in flammable storage cabinets.

WASTES: for industrial building

Solid: type paper, empty paint containers
container dumpster
collector Waste Managements

Recycling: type –
container
collector

Other: type rags
container 5-gallon pail
collector Cintas

type –
container
collector

Evidence of Spillage/Leakage:
None observed

PERMITS (air, water, etc.): Industrial Building
(obtain copies)
None reported

EQUIPMENT: for industrial building
silkscreening equipment

Evidence of Spillage/Leakage:
ink/paint drippings on floor near equipment

GENERATORS OR COMPRESSORS (fuel source; spills, staining)
air compressor - near wood working shop industrial building

Evidence of Spillage/Leakage:
None observed

ADJOINING PROPERTIES:

North: residential properties & Elser Terrace

South: residential properties

East: residential properties & Hagera Street

West: railroad track (south west)
plumbing supply distributer (north west)
paving company

Day Environmental, Inc.
Field Notes, page 7
Project No. 3392604

Indostral Building

Additional Notes:

Offices - Michael R. Zappia Photography

Pierrepont Visual Graphics

Maintenance Room - cabinet with cleaning products

↳ no staining or odors observed

Art Dept. - no access to Dark Room (in use)

Screen Making Room

emulsion added/placed on film.

excess emulsion washed off in sink/wash basin

Zappa - sink is connected to sanitary sewer

5-gallon container `Image Technology

Degreaser DGR-800'

two boxes of wood glue

1-quart bottles of screen cleaner

no floor drains observed

no staining observed on floor

Signature of Assessor: Pamela M Lanesing

Date: 01/28/00
Revised 9/23/2003

pml

Day Environmental, Inc.
Field Notes, page 8
Project No. 3392604

Industrial Building

Additional Notes:

Screen printing area

1-quart containers of motor oil

printing inks - various sized containers

ink staining on poured concrete floor

1-gallon containers of application fluid

(label indicates "contains no silicone")

ink/paint droplets on poured concrete floor. No drums observed. Floor looks in good condition.

"Rapid Prep" to remove/clean screens prior to painting

flammable cabinets - some labeled silkscreen paint

contain open containers of inks:
- scotch-tad developer
- sprays
- flammable developers

examples of: Nazdar 9731 Retarder

↓ VF190 thinner - petroleum distillate

RE182 Screen Ink Retarder

several different types of thinners, retarders, etc.

1-gallon containers; solvent type odor present (when doors were open)

no spillage observed, but cardboard was observed on bottom of cabinet

Signature of Assessor: Pamela M Lowering

Date: 01/28/00
Revised 9/23/2003

pml

Industrial Building

Additional Notes:

T-shirt screening area

3 flammable cabinets - no spillage or odors observed

5-gallon containers of Syntech petroleum naphtha

lacquer thinner

Isopropanol

press wash

acetone

remaining 2 cabinets contain various sized containers of paints/inks

air compressor - no staining observed

Wood shop - no environmental concerns observed

Loading dock (S.E. portion) drain - dark liquid/sludge inside drain

Zappia - screens are washed off in dock and water-based emulsion is washed into drain

Note some inks/paints are (Zappia) reportedly oil-based.

Discharge location of drain is not known

- water stains on floor; no ink/paint stains visible; no odors observed

Signature of Assessor: Pamela M Lovelace

Industrial Building

Additional Notes:

Loading dock (southeast portion of building)

hydraulic lift plate - debris beneath plate,
concrete bottom, no staining observed

hydraulic cylinder above ground

55-gallon drum - waste inks - no staining or odors observed

dumpster - Waste Management

5 gallon container of Haze Reducer - cleaner for screens

power washer

water observed on poured concrete floor in dock,
but no ink staining or other staining observed

Basement - natural gas furnace installed in summer 2003
(1972/73 portion)

floor drain - no staining or odors observed

sump - pump replaced a few times since 1972/73
cannot remove cover - bolted down
no staining on floor around sump

Signature of Assessor: Pamela M Lowding

Date: 01/28/00
Revised 9/23/2003

pml

Industrial Building

Additional Notes:

Vacant Portion

Basement- (under original portion of building)

boiler- no longer in use; natural gas-fired

fire sprinkler/supression system

portable air compressor- no staining observed

operating instructions for boiler (sheet posted on wall)

dated October 1962 (installation)

indicated fuel oil tank set up instructions

no tank observed; potential fill pipe/vent pipe

observed - two sets on opposite wall near boiler.

sump; no sheens on water; no odors

boiler - sits below floor level

water surrounding boiler; no sheens on water

First Floor

toledeo scale

poured concrete floor

Northern loading dock- possible drain; metal plate cover (no staining around apparent drains)

two loading docks - central portion

drains in dock; metal covers, could not

remove covers; no staining observed on floor around drains

Signature of Assessor: Pamela M Lawrence

Additional Notes:

Industrial Building

Vacant Area

Offices, restroom rooms

no drains observed in these areas

Zappa indicated that the boilers in this area no longer work (not being used). Heating system was fueled by natural gas since his ownership. No knowledge of fuel oil heating system or fuel oil tank (s).

Exterior:

snow cover 1" in parking lot

4"-6" on grass areas

Waste management dumpster on south side

possible debris on southwest side, near RR tracks

1" to 2" diameter pipe in ground on SW corner of industrial building - possible tank pipe

- - - it was not possible to walk around all sides of building (i.e. the northern & western sides)

No access to dwelling or associated garage

Signature of Assessor: Pamela M Leading

Date: 01/28/00
Revised 9/23/2003

pml

Additional Notes:

Exterior:

1.5" to 2" diameter pipe on east / northeastern wall - possible vent pipe for a storage tank

parking lot on north side of industrial building

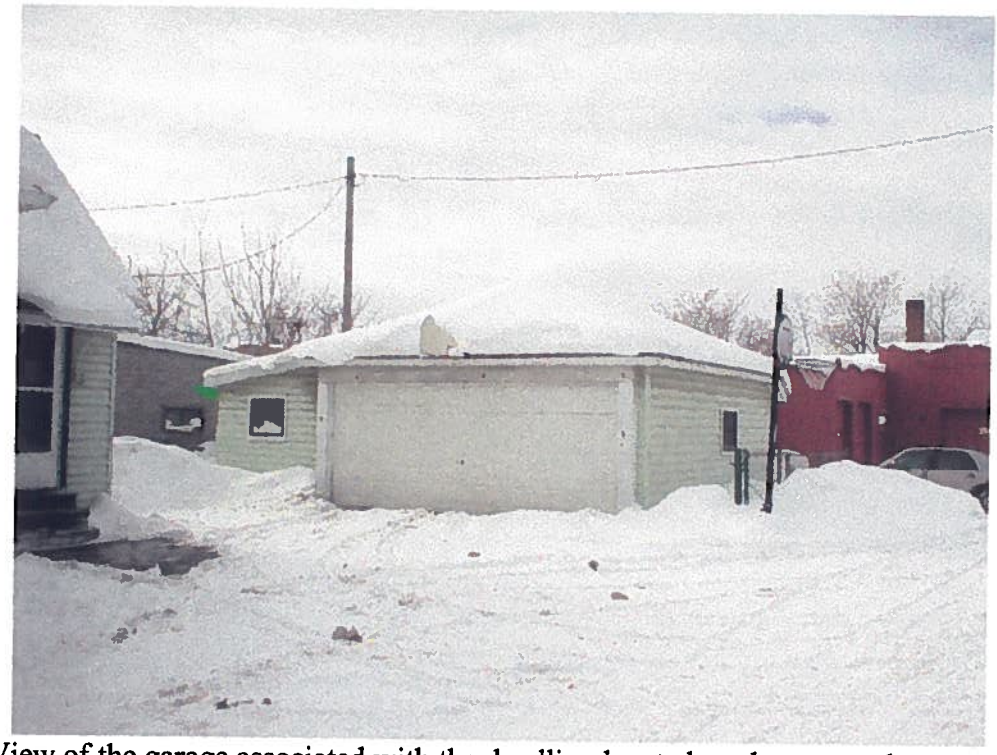
Signature of Assessor: Pamela M Lavoding

Partial view of industrial building looking to the south

Partial view of the industrial building looking to the west

3392E-04
175, 195 & 199 Hague Street
Rochester, New York
01-27-04

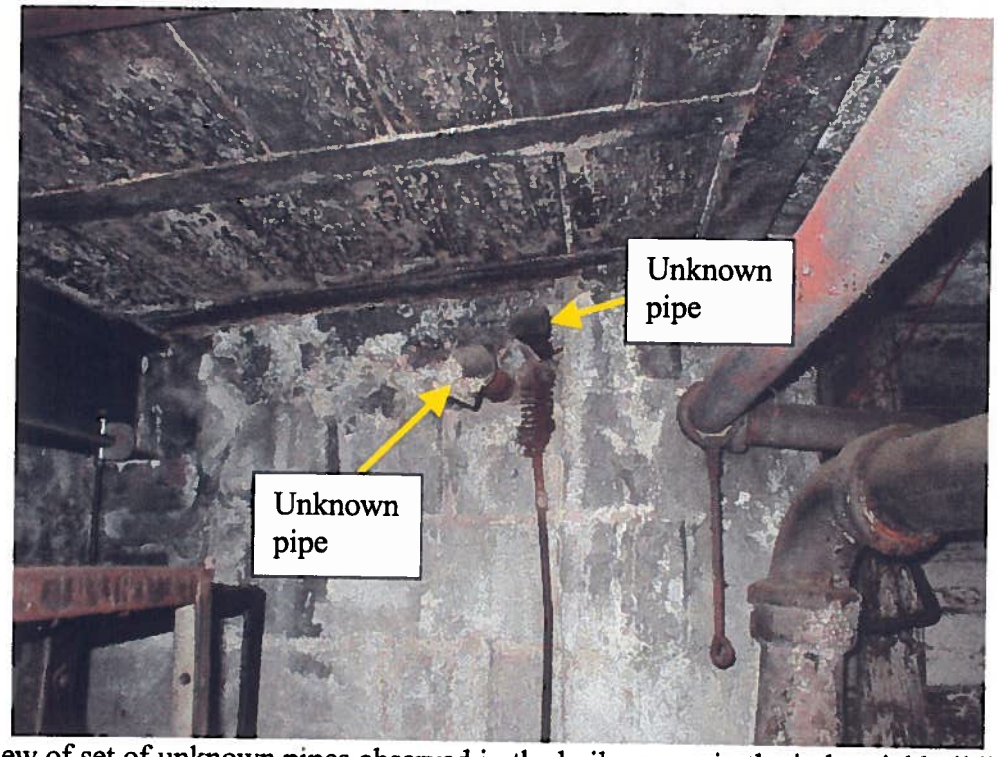
View of the dwelling located on the assessed property



View of the garage associated with the dwelling located on the assessed property

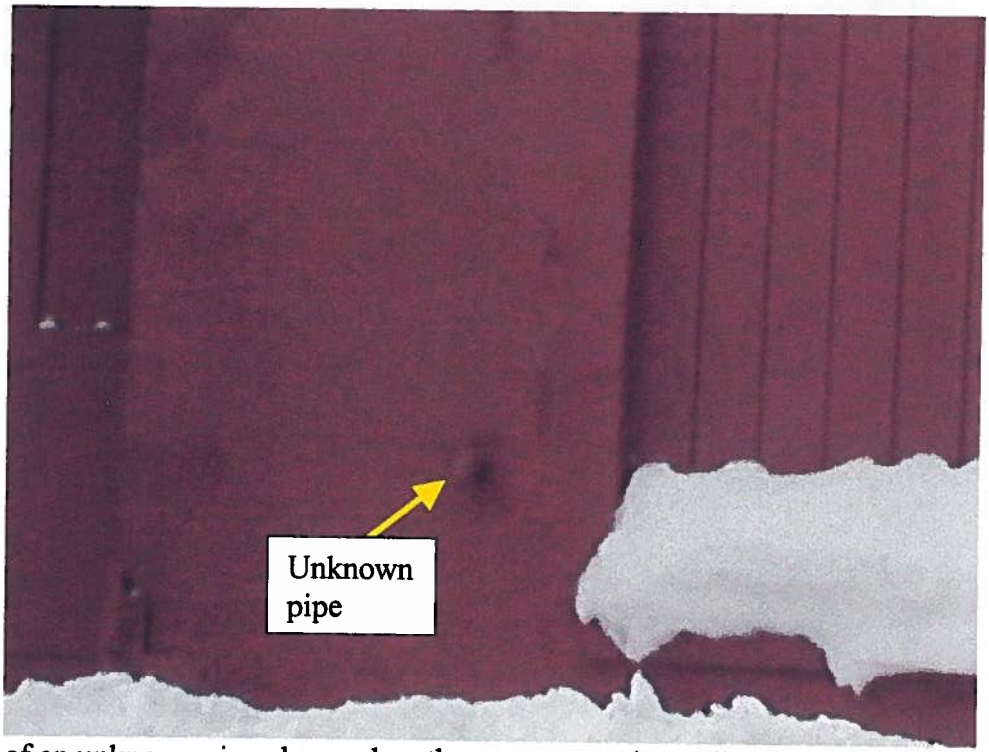
3392E-04
175, 195 & 199 Hague Street
Rochester, New York
01-27-04

View of the drain observed in the southeastern loading inside the industrial building



View of set of unknown pipes observed in the boiler room in the industrial building

View of an unknown pipe observed on the southwestern exterior corner of the industrial building



View of an unknown pipe observed on the eastern exterior wall of the industrial building

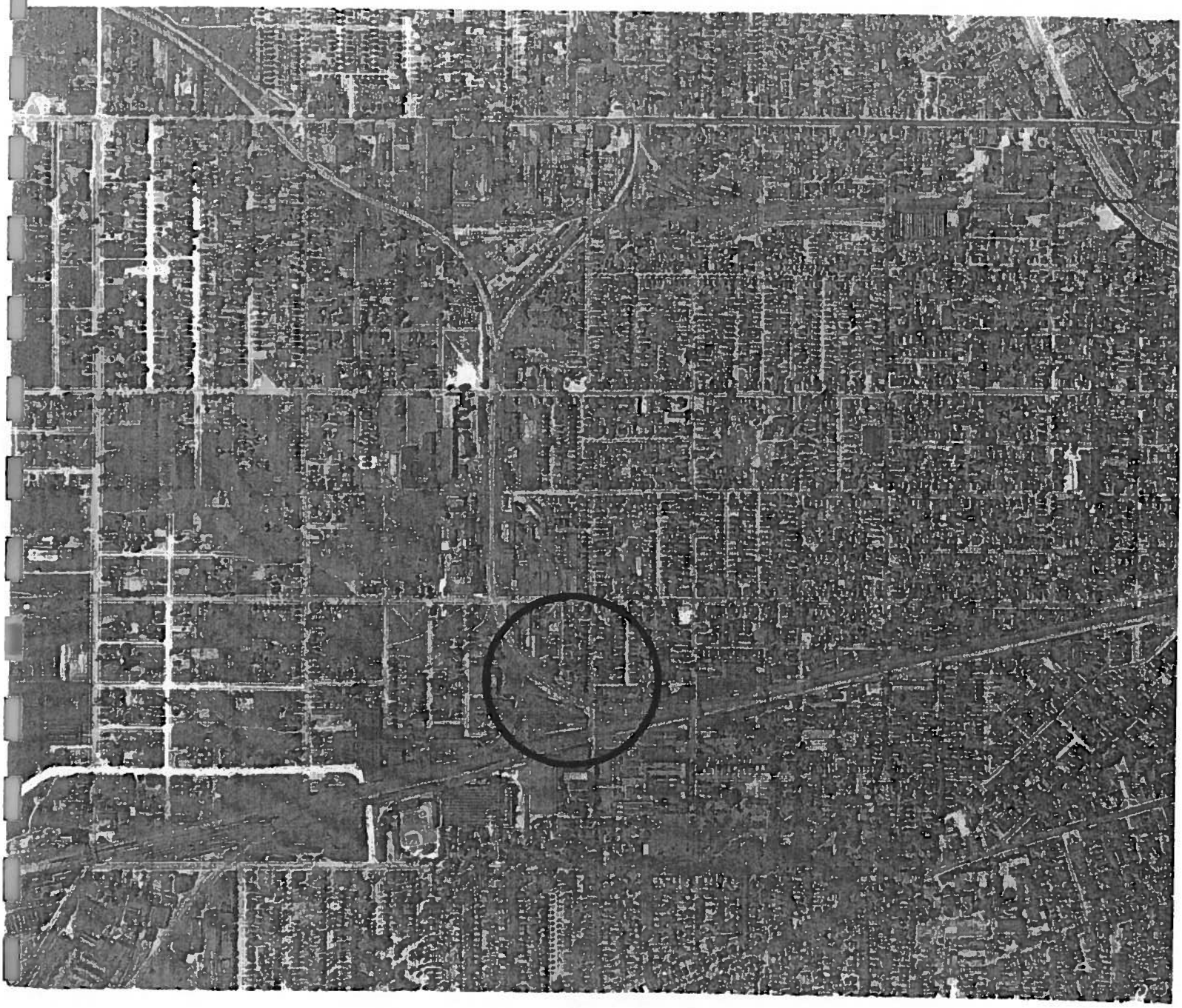
View of some of the damaged pipe insulation observed in the industrial building

View of the damaged insulation observed on the boiler in the basement of the industrial building

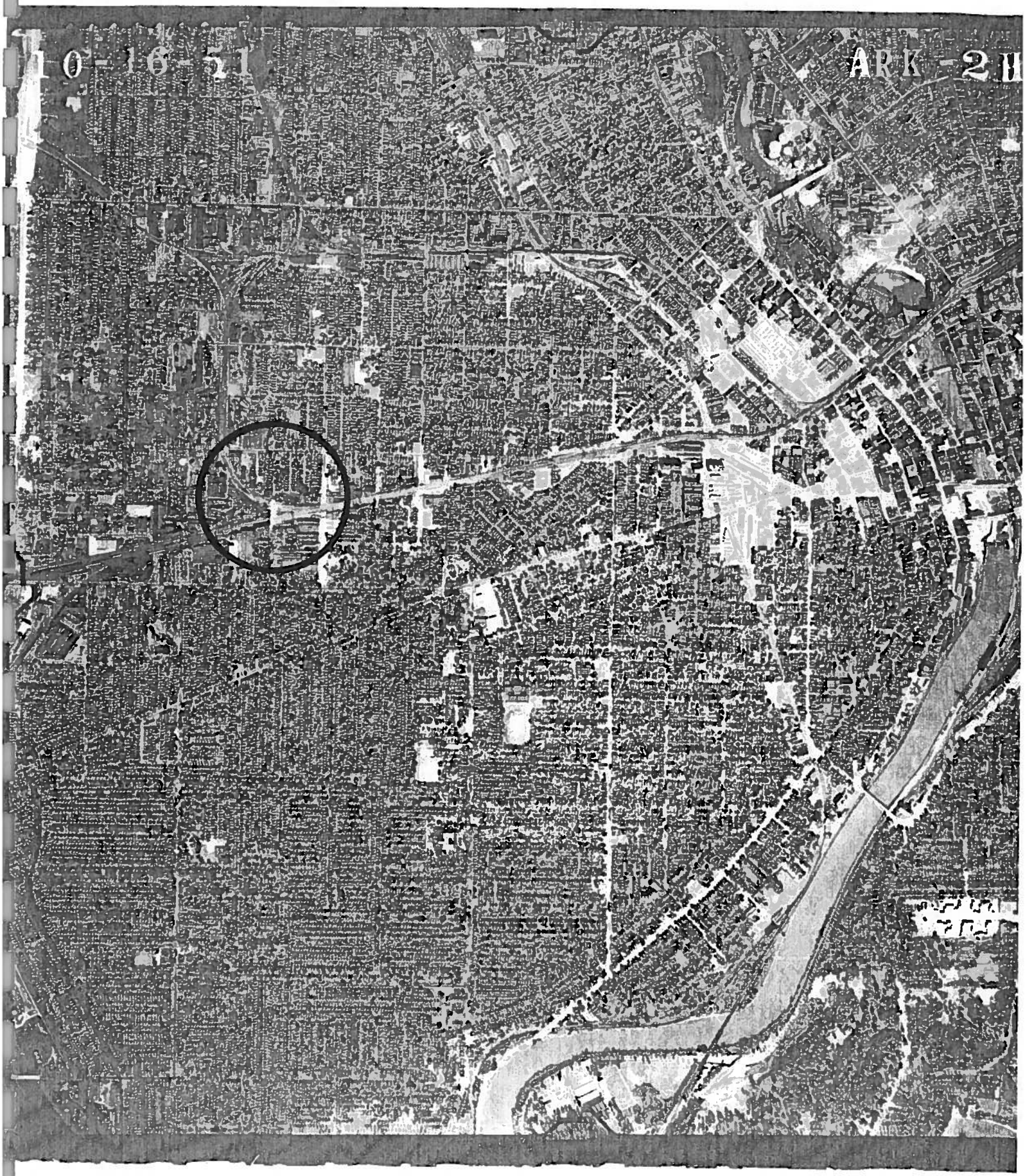
3392E-04
175, 195 & 199 Hague Street
Rochester, New York
01-27-04

APPENDIX C

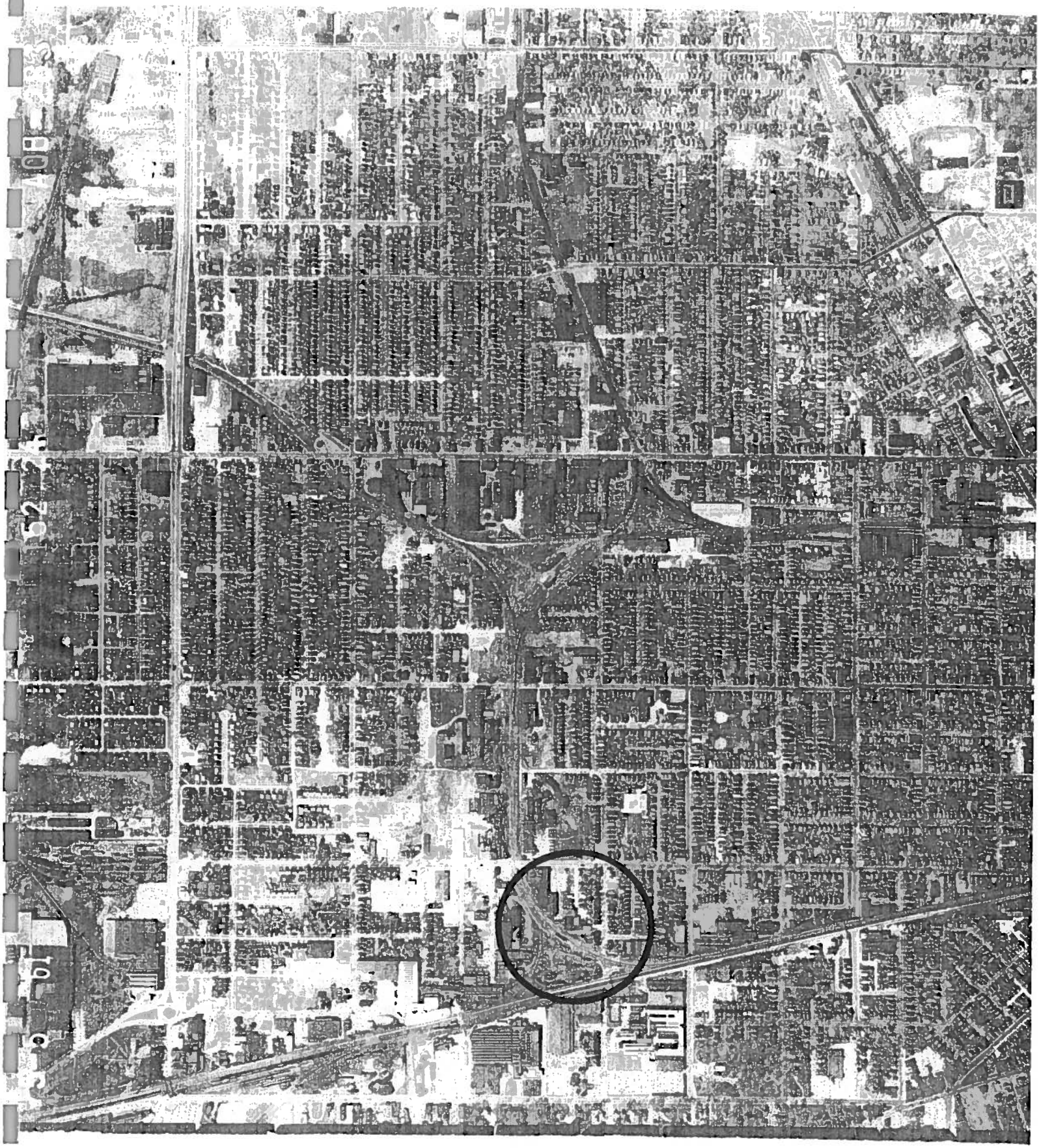
Historical Research Documentation



1930 1N

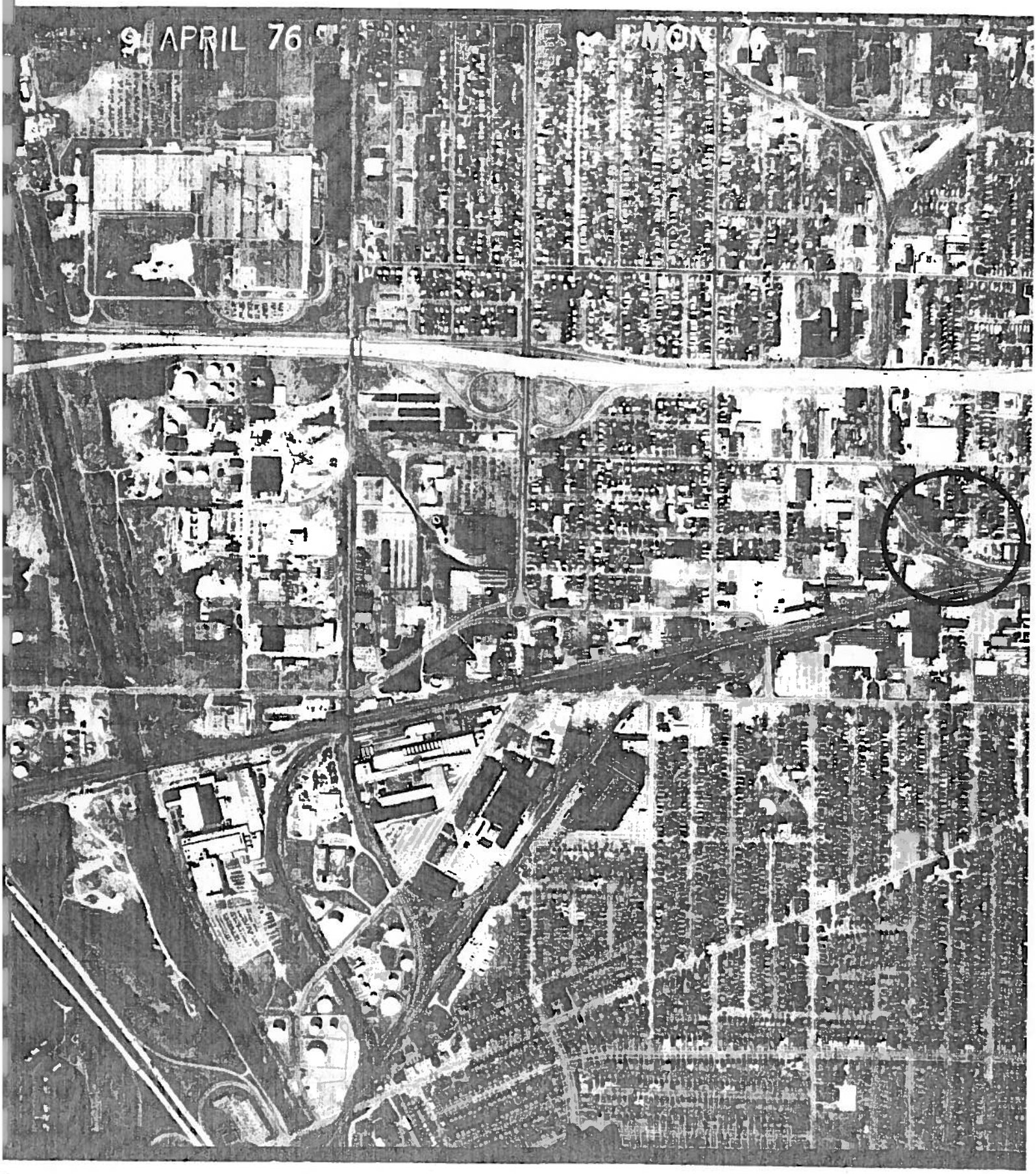


1951 ↑N



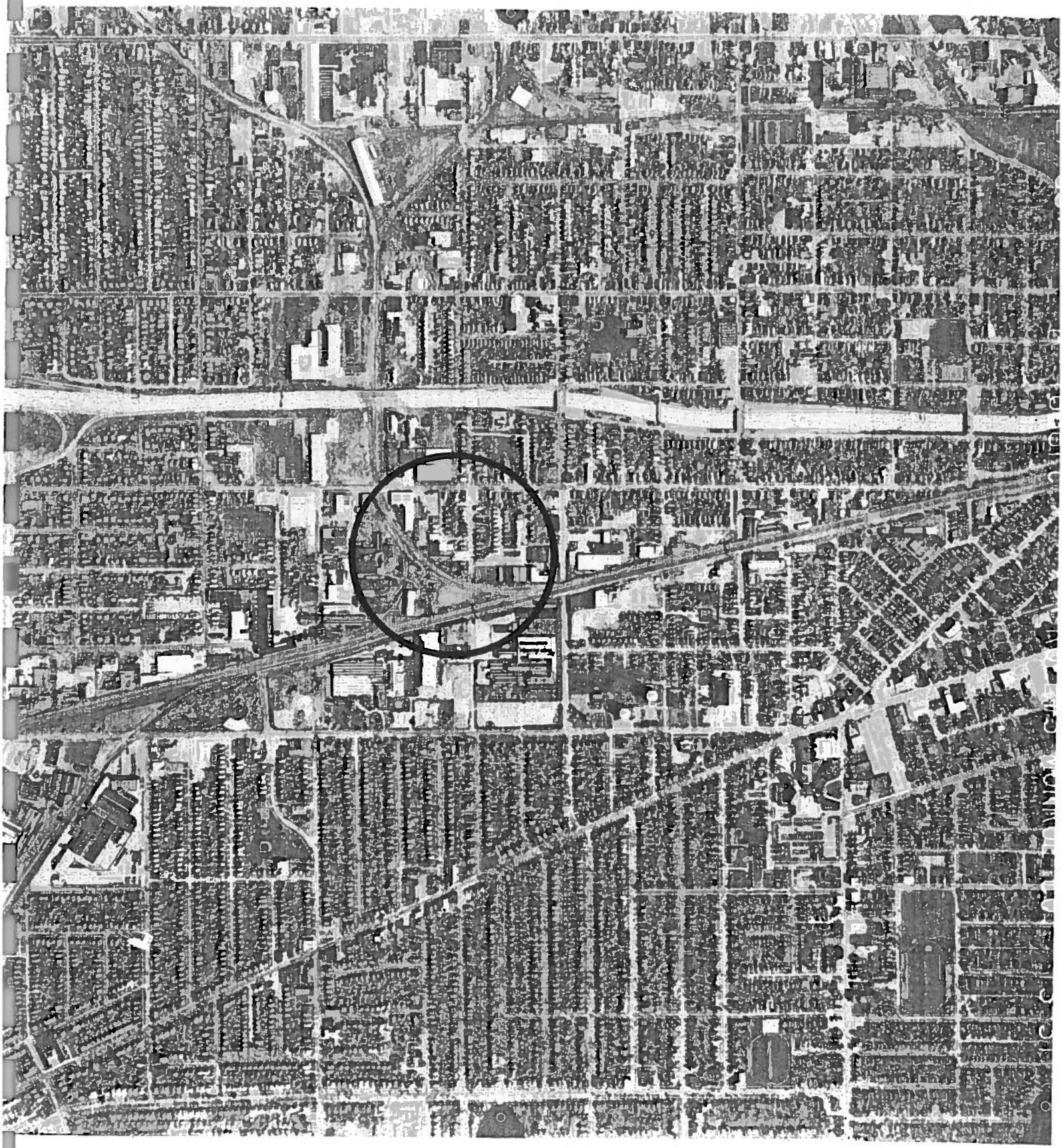
1961 ↑N

1970 ↑N

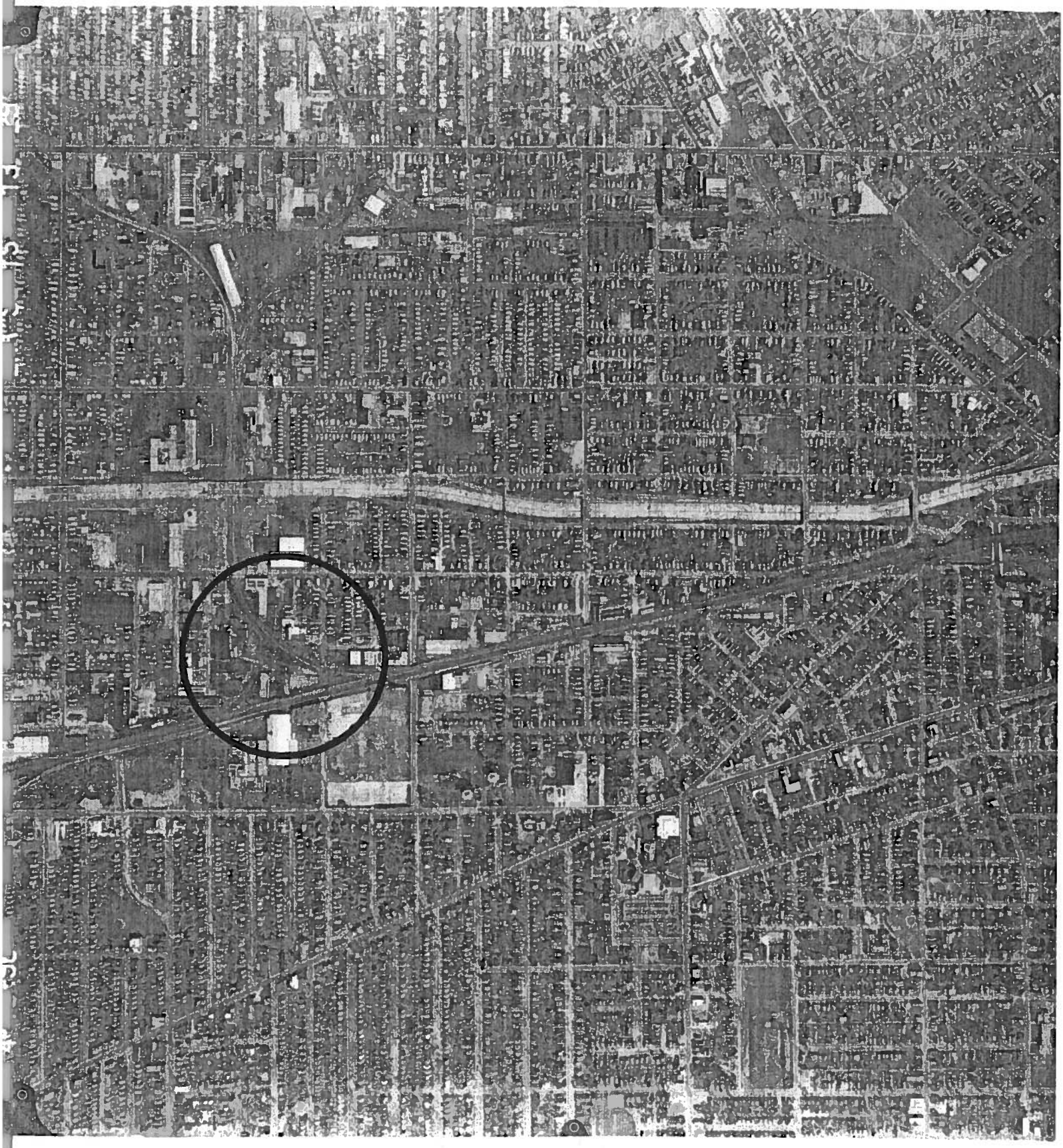


1976 TN

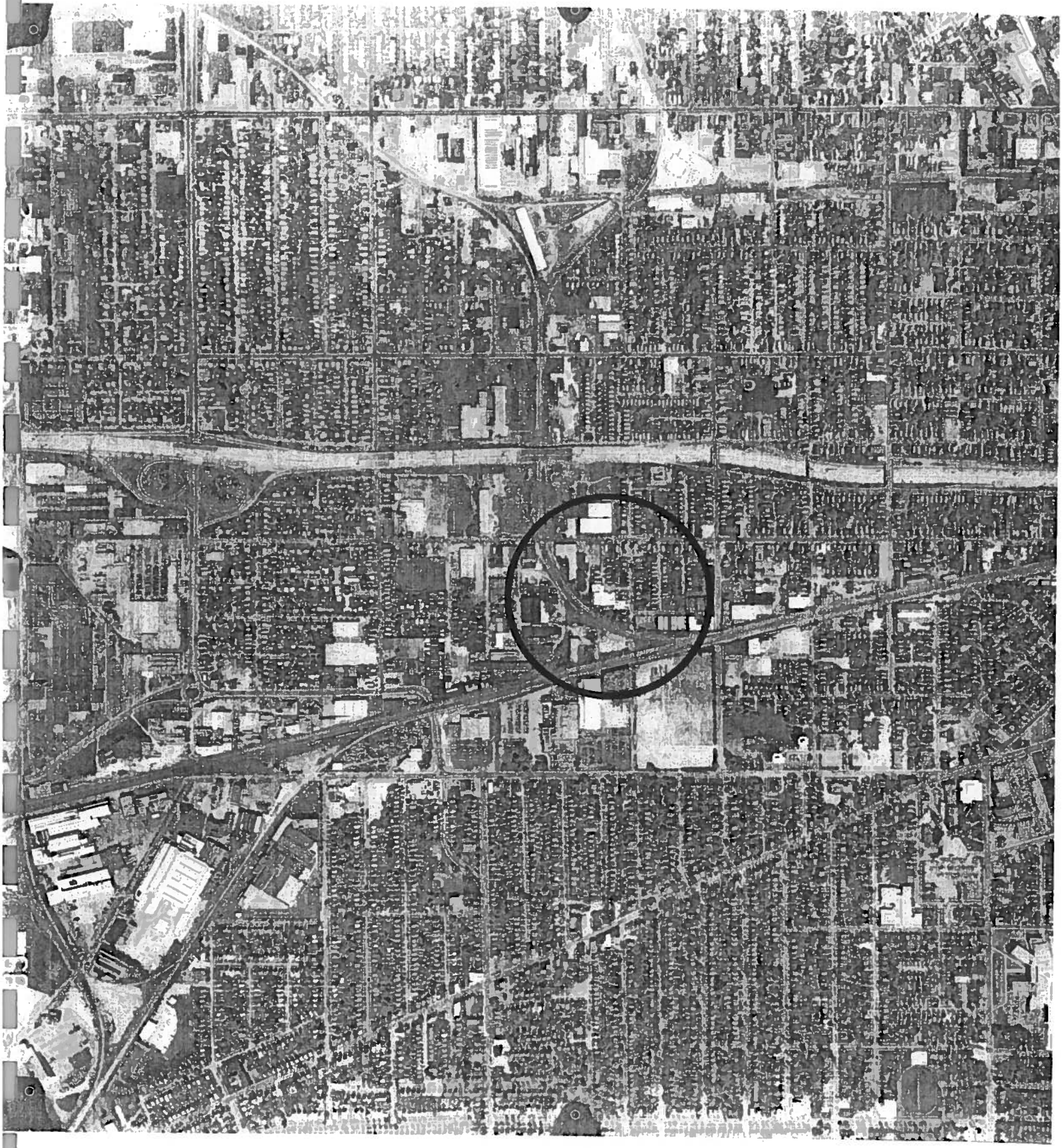
1988 TN



1993 ↑N



1996 ↑N



1999 ↑N

Environmental Data Resources, Inc.

"Linking Technology with Tradition"

Sanborn® Map Report

hip To: Pamela M. Loedding
Day Environmental, Inc.
40 Commercial Street
Rochester, NY 14614

ustomer Project: 3392E-04
)14915ERK 585-454-0210

Order Date: 1/22/2004 **Completion Date:** 1/22/2004
Inquiry #: 1116386.1S
P.O. #: NA
Site Name: Pierrepont Visual Graphics
Address: 15 Elser Terrace
City/State: Rochester, NY 14611
Cross Streets:

Based on client-supplied information, fire insurance maps for the following years were identified

1912 - 1 Map
1944 - 1 Map
1971 - 1 Map

Limited Permission to Photocopy Total Maps: 3

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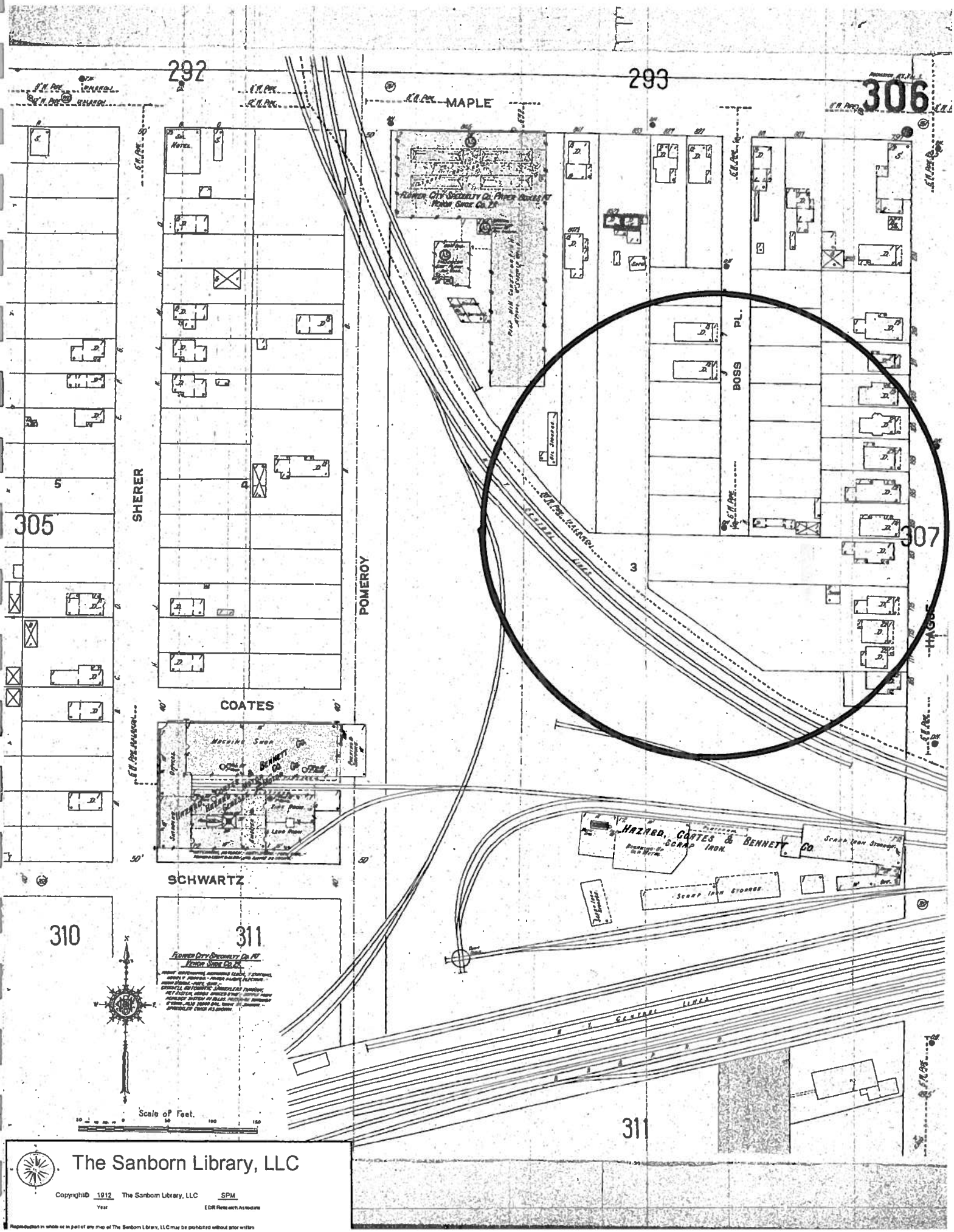

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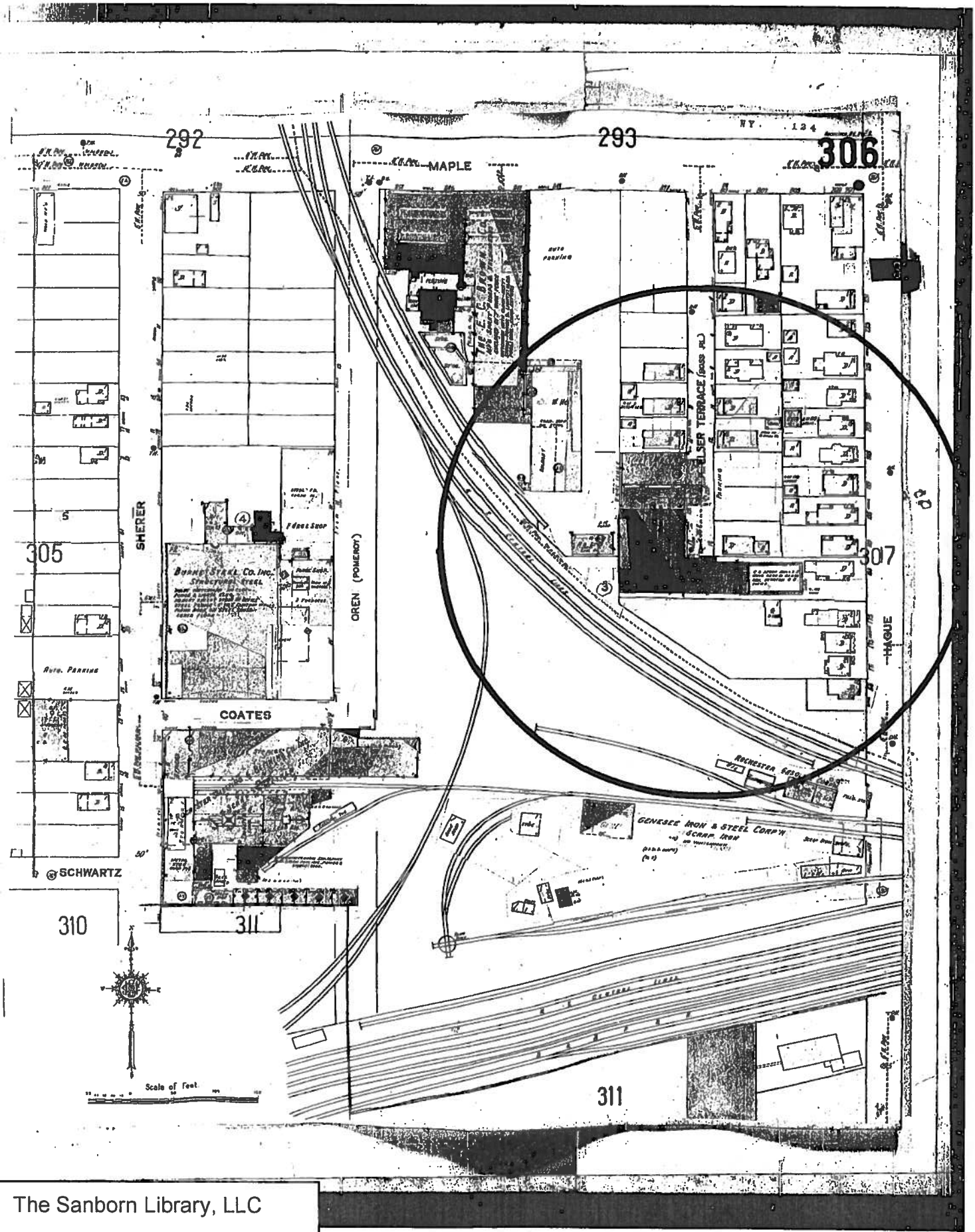

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Year EDR Research Arsenals

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Directory Date	Street Address (Assessed Property)	Occupant (Assessed Property)	Surrounding Area
2003	15 Elser Terrace	Michael Zappia Photography	Residential
		Pierrepont Visual Graphics, Inc.	Residential
	195 Hague Street	Residence	Residential
1998	15 Elser Terrace	Pierrepont Visual Graphics, Inc.	Residential
	195 Hague Street	Residence	Residential
1993	13 Elser Terrace	K & W Manufacturing Corp. bldg mtls	Residential
	15 Elser Terrace	Pirrepont Visual Graphics, Inc.	Residential
		American Tackless And Supply Co. carpet & install sup	Residential
		Signage Co.	Residential
		Zappia Michl R photography	Residential
	179 Hague Street	Pierrepont Visual Graphics (plant)	Residential
	195 Hague Street	Residence	Residential
1988	13 Elser Terrace	KIW Manufacturing Corp.	Residential
	15 Elser Terrace	Pierrepont Visual Graphics, Inc.	Residential
		American Tackless and Supply Co.	Residential
	195 Hague Street	Residence	Residential
1983/84	13 Elser Terrace	Randolf Automatics, Inc.	Residential
	15 Elser Terrace	Pierrepont Visual Graphics, Inc.	Residential
		American Tackless and Supply Co.	Residential
		Radius Portable Panel Systems	Residential
	195 Hague Street	Residence	Residential
1978	15 Elser Terrace	Pierrepont Visual Graphics, Inc.	Residential
	195 Hague Street	Residence	Residential
1973	15 Elser Terrace	Yawman Metal Stamping, Inc.	Residential
	195 Hague Street	Residence	Residential
1968	15 Elser Terrace	Yawman Metal Stamping, Inc.	Residential
	175 Hague Street	Residence	Residential
	195 Hague Street	Residence	Residential
1963	15 Elser Terrace	Yawman Metal Stamping, Inc.	Residential
		Hilton Tool & Die Corp.	Residential
	175 Hague Street	Residence	Residential
	195 Hague Street	Residence	Residential

Directory Date	Street Address (Assessed Property)	Occupant (Assessed Property)	Surrounding Area
1958	15 Elser Terrace	Yawman Metal Products, Inc.	Residential
		Yawman Victor G.	Residential
		Hilton Tool & Die Co.	Residential
	175 Hague Street	Residence	Residential
	195 Hague Street	Residence	Residential
1953	15 Elser Terrace	Yawman Metal Products, Inc.	Residential
		Yawman Victor G.	Residential
	175 Hague Street	Residence	Residential
	195 Hague Street	Residence	Residential
1948	15 Elser Terrace	Yawman Metal Products, Inc.	Residential
		Meyer Tool & Die Co.	Residential
	175 Hague Street	Residence	Residential
	195 Hague Street	Residence	Residential
1943	15 Elser Terrace	Yawman Metal Products, Inc.	Residential
		Meyer Tool & Die Co.	Residential
	175 Hague Street	Residence	Residential
	195 Hague Street	Residence	Residential
1938	15 Elser Terrace	Yawman Metal Products	Residential
		Meyer Tool & Die Co.	Residential
	175 Hague Street	Residence	Residential
	195 Hague Street	Residence	Residential
1933	15 Elser Terrace	Yawman Metal Products, Inc.	Residential
	175 Hague Street	Residence	Residential
	195 Hague Street	Residence	Residential
1927/28	15 Elser Terrace	Elser Mfg. Co. Inc. machine mfrs.	Residential
	175 Hague Street	Residence	Residential
	195 Hague Street	Residence	Residential

APPENDIX E

Owner/Occupant Interview Documentation

ASSESSMENT INTERVIEW
GENERAL INFORMATION

Ask the person interviewed to be as specific as reasonably feasible in answering questions, and to answer the questions in good faith and to the extent of their knowledge.

1) PERSON INTERVIEWED: Joseph Zappia

2) TITLE: owner of property

3) YEARS IN POSITION: 27 ±

YEARS AT SITE: since 1977/78

4) CURRENT DATE: January 27, 2004

5) JOB NUMBER: 3892E-04

6) PURPOSE OF ASSESSMENT: real estate

7) PROPERTY OWNER: Joseph + Kathleen Zappia

7A) OWNED SINCE: 1977/78 for factory/bldg / 1980± for house

8) PREVIOUS OWNER: Jack Frank (Hague St) / Foose (195 Hague St)

8A) OWNED SINCE: 1960's / unknown

9) PROPERTY SIZE: >1.0 acre

10) NUMBER OF PARCELS: 3

11) DO ANY OF THE FOLLOWING EXIST FOR THE ASSESSED PROPERTY? (Building diagrams, plans, maps, photographs, spec. books, commercial appraisals, engineering/environmental reports from investigations)

Survey of property and a building floor plan. DAY received copies of both. Copies are included in Appendix A

12) PRESENT LAND/PROPERTY USE: commercial printing facility & vacant suite, and dwelling

13) PREVIOUS LAND/BUILDING USE: tool+die company in factory building, and dwelling

14) Do any of the following exist for the assessed property?

a. Environmental site assessment/audit reports: No
b. Environmental permits (i.e., solid waste disposal permits, hazardous waste disposal permits, wastewater permits, NPDES permits): No
c. Registrations for USTs or ASTs: No
d. Material safety data sheets: Yes, provided copies to DAY of some of the products used
e. Community right-to-know plan: No
f. Safety plan; preparedness and prevention plans; spill prevention, countermeasure, and control plans; etc.: No
g. Reports regarding hydrogeologic conditions on the property or surrounding area: No
h. Notices or other correspondence from any government agency relating to past or current violations of environmental laws with respect to the property or relating to environmental liens encumbering the property: No
i. Hazardous waste generator notices or reports: No
j. Geotechnical studies: No

15) IS THE PROPERTY CURRENTLY USED, OR HAS IT PREVIOUSLY BEEN USED, AS ANY OF THE FOLLOWING: AN INDUSTRIAL OR MANUFACTURING OPERATION, A GASOLINE STATION, A MOTOR REPAIR FACILITY, A (COMMERCIAL PRINTING FACILITY,) A DRY CLEANERS, A PHOTO-DEVELOPING LABORATORY, A JUNKYARD OR A LANDFILL, OR AS A WASTE TREATMENT, STORAGE, DISPOSAL, PROCESSING OR RECYCLING FACILITY? (YES, NO, UNKNOWN)

factory building has been used as a commercial printing facility since at least 1977/78

16) ADJACENT SITES (CURRENT & PAST):

ARE ANY ADJOINING PROPERTIES CURRENTLY USED, OR HAVE THEY PREVIOUSLY BEEN USED AS ANY OF THE FOLLOWING: AN INDUSTRIAL OR MANUFACTURING OPERATION, A GAS STATION, A MOTOR REPAIR FACILITY, A COMMERCIAL PRINTING FACILITY, A DRY CLEANERS, A PHOTO-DEVELOPING LABORATORY, A JUNK YARD OR A LANDFILL, OR AS A WASTE TREATMENT STORAGE, DISPOSAL PROCESSING, OR RECYCLING FACILITY?

845 maple (wholesale plumbing currently) past - manufacturing possibly

Burkes Steel to south of railroad tracks (not adjoining)

17) DESCRIPTION OF TOPOGRAPHY & SURFACE DRAINAGE (ANY CREEKS, DITCHES):

topography: slight rise to east toward Hague St

surface drainge: no creeks, ditches, swales, or catch basins

****

BUILDING(S) INFORMATION

Factory Building

18) BUILDING(S) AGE/SIZE/LOCATIONS: total 30,465 ft²

early 1900's

19) ANY ADDITIONS (AGE/SIZE/LOCATIONS): at least 3 additions

most recent in 1972/73

20) NUMBER OF FLOORS: 1 story

21)BASEMENT,CRAWLSPACE,ATTIC: basement 2,250 ft² - 2 basement areas one in original section & one in 1972/73 addition

22) TYPE OF HEAT: Natural gas hot water,

22A) Has the facility ever been heated with oil in the past? Not to his knowledge

22B) IF OIL, ANY TANKS: —

23) BLDG(S) TIED TO SANITARY SEWER: Yes

23A) IF SO, DATE OF CONNECTION: unknown

24) WAS FACILITY EVER ON SEPTIC/DRYWELL: No

24A) IF SO, LOCATION OF LEACHFIELD: —

24B) HOW OFTEN IS SEPTIC TANK PUMPED OUT: —

25) ANY FLOOR DRAINS: Yes

25A) IF SO, LOCATION(S): loading docks

25B) CONNECTED TO OIL/WATER SEPARATOR: Not to his knowledge

25C) DISCHARGE POINT(S): unknown

26) ANY SUMPS: yes - two

26A) IF SO, LOCATION/DISCHARGE POINT(S): in basements

discharge point unknown

****

BUILDING(S) INFORMATION Dwelling & Garage

18) BUILDING(S) AGE/SIZE/LOCATIONS: _____

Dwelling: 1100-1200 ft² Garage: unknown

19) ANY ADDITIONS (AGE/SIZE/LOCATIONS): No

20) NUMBER OF FLOORS: Dwelling: 2-story Garage: 1-story

21)BASEMENT,CRAWLSPACE,ATTIC: Dwelling: basement Garage: slab-on-grade

22) TYPE OF HEAT: Dwelling: natural gas Garage: unheated

22A) Has the facility ever been heated with oil in the past? Unknown

22B) IF OIL, ANY TANKS: —

23) BLDG(S) TIED TO SANITARY SEWER: Yes

23A) IF SO, DATE OF CONNECTION: unknown

24) WAS FACILITY EVER ON SEPTIC/DRYWELL: No

24A) IF SO, LOCATION OF LEACHFIELD: —

24B) HOW OFTEN IS SEPTIC TANK PUMPED OUT: —

25) ANY FLOOR DRAINS: No

25A) IF SO, LOCATION(S): —

25B) CONNECTED TO OIL/WATER SEPARATOR: —

25C) DISCHARGE POINT(S): —

26) ANY SUMPS: Dwelling: possible

26A) IF SO, LOCATION/DISCHARGE POINT(S): basement; discharge location unknown

****

WASTE DISPOSAL

55) ARE SOLID WASTES (i.e. paper, rags, filters, etc.) GENERATED FROM OPERATIONS OR ACTIVITIES AT THIS SITE: yes IF SO:

TYPE OF WASTE	PROCESS/ ACTIVITY	STORAGE LOCATION	DISPOSAL COMPANY
paper (factory building)		dumpster	Waste Management

56) ARE ANY OTHER WASTES MATERIALS (e.g., waste oil, waste paint, waste solvents, medical waste etc.) GENERATED AT THIS FACILITY: in factory building

56A) IF SO, PLEASE DESCRIBE:

waste ink 55-gallon - no hauler (drum is not full) When the drum is full a waste haule such as Safety Kleen will be called

rags - 5-gallon pails - Cintas

56B) ARE WASTE MANIFESTS OR ANY OTHER PERMITS/PAPERWORK AVAILABLE (e.g. HAULER, ID#, WASTE TYPE):

No

****

PCB MATERIALS INFORMATION

57) HAVE PCB MATERIALS EVER BEEN USED AT THE FACILITY (e.g. transformers, volt regulators, capacitors, switches, hydraulic equipment):

No

****

TRANSFORMERS

58) ARE TRANSFORMERS LOCATED ON THE PROPERTY? (INTERIOR OF BUILDING OR ON THE EXTERIOR PORTION OF THE PROPERTY). Yes, in factory building

58A) IF SO, LOCATION AND AGE:

crane area in factory building

****

TRANSFORMERS (cont.)

58B) IF TRANSFORMER, WET/DRY, POLE OR GROUND-MOUNTED:

ground - mounted

58C) OWNERSHIP (PRIVATE OR UTILITY):

owned by RG + E

58D) IF PRIVATE, WHO MAINTAINS:

Unknown

58E) HAS ANY OF THIS EQUIPMENT EVER BEEN TESTED FOR PCB MATERIAL (if so, when and by whom; results):

Unknown

58F) HAVE THERE BEEN ANY LEAKS OR SPILLS ASSOCIATED WITH ANY OF THIS EQUIPMENT:

Unknown

****

ASBESTOS MATERIALS INFORMATION

Is asbestos being evaluated as part of this assessment?	Yes	(No)	
Does the age of the building suggest the presence of asbestos?	Yes	No	
Has the building been renovated?	Yes	No	Unknown

59A) ARE ASBESTOS CONTAINING MATERIALS PRESENT IN THE FACILITY (e.g. floor/ceiling tiles, pipe wrap, spray-on):

59B) HAS AN ASBESTOS INSPECTION OR ANY ASBESTOS SAMPLING EVER BEEN CONDUCTED AT THE FACILITY (if so, when and by whom):

****

ASBESTOS MATERIALS INFORMATION (Cont.)

59C) HAS ANY ASBESTOS EVER BEEN REMOVED FROM THE FACILITY (if so, when and by whom):

_____

_____

****

LEAD BASED PAINT INFORMATION

Is lead paint being evaluated as part of this assessment?	Yes	(No)	
Does the age of the building suggest the presence of lead paint?	Yes	No	
Has the building been renovated?	Yes	No	Unknown

60A) IS LEAD-BASED PAINT PRESENT IN THE FACILITY?

_____

_____

60B) HAS A LEAD-BASED PAINT INSPECTION OR SAMPLING EVER BEEN CONDUCTED AT THE FACILITY (if so, when and by whom):

_____

_____

60C) HAS ANY LEAD PAINT EVER BEEN REMOVED FROM THE FACILITY (if so, when and by whom):

_____

_____

****

RADON

Is radon being evaluated as part of this assessment?	Yes	(No)	
Does the building have a basement?	Yes	No	
Has radon testing ever been conducted?	Yes	No	Unknown

Who completed the sampling: _____

Results of sampling: _____

****

RADON (Cont.)

Is a copy of the sample results/report available? _____

****

LEAD-IN-DRINKING WATER

Is lead-in-drinking water being evaluated as part of this assessment? Yes (No)
Is the property serviced by a private well or public water? Private Well Public Water
Has any testing ever been conducted? Yes No Unknown

Who completed the sampling: _____

Results of sampling: _____

Is a copy of the sample results/report available? _____

****

Additional Information:

195 Hague St- dwelling
1100 - 1200 ft²
2-story house with detached garage
Natural gas heat currently
basement; possible sump in basement
sanitary sewer system

Interview form completed by: (Print and Sign)
Pamela M Loading Pamela M Loading

10/01
revised 8/7/2003

APPENDIX F

References

REFERENCES

1. Aerial Photographs	Monroe County Department of Health Photograph Dates: 1930, 1951, 1961, 1970, 1976, 1988, 1993, 1996, and 1999
2. Topographic Map	United States Geological Survey Rochester West and Rochester East, New York Quadrangles (maps date 1995)
3. Historical Maps	Rochester Public Library Plat Book, City of Rochester Published by: J. M. Lathrop & Co. Map Date: 1900
	Rochester Public Library Sanborn map Map Date: 1912
	Environmental Data Resources, Inc. (EDR) Sanborn Maps Map Dates: 1912, 1944, and 1971 Inquiry Number:
4. Polk Directories	Rochester Public Library City of Rochester Directory Dates: 1927/28, 1933, 1938, 1943, 1948, 1953, 1958, 1963, 1968, 1973, 1978, 1983/84, 1988, 1993, 1998, and 2003
5. Survey Map	Denluck-Hyde Engineering & Surveying Associates, P.C. Map Date: 7/22/88
6. Building Plan	Moore & Bowles Realtors Map Date: 5/4/76

APPENDIX G

Qualifications of Environmental Professionals

DAVID D. DAY, P.E.

EXPERIENCE

Day Engineering, P.C.: 1985 to present
Years with Other Companies: 10 years

AREAS OF SPECIALIZATION

- Environmental Restoration/Remediation
- Environmental Site Assessment
- Environmental Compliance

EDUCATION

University of Michigan, M.S. Environmental Engineering, 1975
Michigan State University, B.S. Civil/Sanitary Engineering, 1974

REGISTRATION/AFFILIATIONS

Licensed Professional Engineer in New York
40-Hour OSHA Hazardous Waste Site Worker Training
8-Hour OSHA Hazardous Waste Site Supervisor Training
8-Hour OSHA Hazardous Waste Site Worker Refresher Training
National Society of Professional Engineers

Water Environment Federation
Rochester Engineering Society, Inc.
Environmental Assessment Association
Certified Environmental Inspector
Certified Environmental Specialist

RESPONSIBILITIES AND PROJECT EXPERIENCE

President, Day Engineering, P.C. and Day Environmental, Inc. (DAY). As a founder and principal of these firms, Mr. Day is responsible for their overall management and operation. He also provides technical guidance and support to the Industrial Compliance Group, Phase I Assessment Group, and the Phase II/Remediation Group. In addition, he periodically serves as Project Manager on some of the firm's larger or more complicated projects.

Approximately 30 years of experience working on environmental projects for industry or as a consultant.

Brownfield Assistance Program, City of Rochester. Principal for a project to assist the City of Rochester (City) in implementing its EPA funded Brownfield Assistance Program (BAP). The project has involved working with the City's Department of Environmental Services and Department of Economic Development to evaluate potential sites as candidates for the BAP program. DAY has conducted Phase I Environmental Site Assessments, Phase I confirmational intrusive studies, environmental management plans, and health and safety plans for this project at under-utilized sites within the City. This work has led to the redevelopment of some of the BAP sites into active, tax-producing sites.

Investigation/Remediation of Former Department of Defense Site, Rochester, NY. Principal for a project to conduct investigation/remediation at a site that was formerly used by the Department of Defense (DOD) for the production of ocean-going ships, and missiles. DAY has negotiated with the New York State Department of Environmental Conservation (NYSDEC) to conduct this work under a Voluntary Clean-Up Agreement. The study is scheduled to take place over a period of 10+ years, with interim remedial measures being implemented on an as-needed basis. Soils, groundwater, and wetlands in the vicinity of the site are contaminated with a variety of contaminants including volatile organic compounds, metals, and PCBs.

Remedial Investigation/Feasibility Study (RI/FS) of a Former Printed Circuit Board Facility, Rochester, NY. Principal for a project to conduct an RI/FS at a NYSDEC listed inactive hazardous waste disposal site. The work is being conducted under an Order-On-Consent that was negotiated with the NYSDEC. The RI/FS is 98+% complete, and a remedial alternative has been proposed for the site. It is anticipated that the NYSDEC will approve the proposed remedial alternative, and that remedial activities will begin in 2004/2005. After remedial activities are completed, operation of a groundwater remedial system and on-going monitoring will continue for 20+ years.

Phase I/Phase II/Remediation Services, City of Rochester, NY. Principal for a project to conduct Phase I, Phase II, and remediation services for the City of Rochester on an as-needed basis. These services have been provided on a variety of different types of sites within the City.

- Over -

Slag and Fill Management Project, Greece and Rochester, NY. Principal for a project to coordinate and oversee the removal of 25,000+ yards of slag-contaminated fill material from a residential site in Greece, NY. The fill material was contaminated with slag that came from a site that was being redeveloped in the City of Rochester. The contaminated fill material was removed from the residential site to a site within the City, where the fill material was screened, and the separated slag was transported to a solid waste facility for disposal. DAY has worked closely with City officials, the NYSDEC, contractors, the public, and other regulatory authorities on this project.

Compliance Audits at Various Industrial Facilities in New York. Project Manager/Principal for compliance audits conducted at industrial facilities. The compliance audits encompassed the following types of environmental issues: air pollution, water pollution, hazardous and solid waste management, tank management, and petroleum handling and storage. The compliance audits have been conducted at a variety of different types of facilities including: plating facilities, auto dealerships, heat treating facilities, packaging/printing facilities, power generating facilities, tool and die operations, and other types of manufacturing operations.

Phase I Assessments Throughout New York State. Principal to review 1,500+ environmental assessments conducted for the purpose of real estate transactions. These assessments were conducted on a variety of different types of facilities, including industrial sites, manufacturing operations, and former railroad properties.

Electric Utility SPCC Plan Implementation, Western, New York. Project Manager/Principal and certifying professional engineer for a Spill Prevention Control and Countermeasures (SPCC) Plan covering 162 electrical substations located throughout western New York. The project involved identifying potential spill pathways at each of the substations, and ranking the potential for a spill to impact navigable water (i.e., low, medium or high risk). When needed, recommendations were also developed to reduce the risk of navigable water impact. The approach utilized on this project was very cost effective and resulted in the certification of one SPCC plan for 162 electrical substations.

Hazardous Waste and Hazardous Material Compliance Audit at a Major Railroad Yard Facility. Project Manager/Principal for conducting a compliance audit at the Railroad Yard facility to assess hazardous waste and hazardous material handling and storage. The audit report outlined recommendations for improving the handling and storage of hazardous materials and wastes.

RCRA Training For a Major Railroad Operation in New York and Connecticut. Provided training to over 400 railroad personnel on handling and storage of hazardous waste as required by the Resource, Conservation, and Recovery Act (RCRA).

Hazardous Waste Tank Certification Project at Large Industrial Facility, Rochester, NY. Project Manager/Principal responsible for developing tank certification reports for 50 hazardous waste storage tanks as required by the New York State hazardous waste regulations.

Remedial Investigation on a New York State Inactive Hazardous Waste Site, Clarendon, NY. Project Manager/Principal for a $300,000 remedial investigation at a site where groundwater was contaminated by volatile organic compounds. Worked with client's attorney to secure funding of this project by insurance companies. The project was completed as required by the New York State Department of Environmental Conservation (NYSDEC) Order-on-Consent.

Drain Study at a Major Manufacturing Facility, New York. Project Manager/Principal for conducting a $200,000+ investigation to determine the discharge location (i.e., sanitary sewer, storm sewer, drywells, subsurface, etc.) of the various operations (i.e., processes, floor drains, hub drains, roof drains, sumps, scrubber drains, sinks, etc.) at a 5 million square foot manufacturing facility that contained over 40 buildings. A database was established to identify and track the discharge sources and locations to ensure compliance with local, State, and federal regulations.

Remediation at a Scrap Yard, Olean, NY. Project Manager/Principal for investigation and remediation of several hundred drums and containers that were abandoned at a scrap yard. The drums and containers contained a variety of types of hazardous wastes. The investigation and clean-up was conducted and completed under a USEPA Order-On-Consent.

Patch 2

PHASE I ENVIRONMENTAL SITE ASSESSMENT
CONFIRMATIONAL STUDY
175, 195 & 199 HAGUE STREET
ROCHESTER, NEW YORK

Prepared by: Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614

Prepared for: City of Rochester
30 Church Street
Rochester, New York 14614

Project Number: 3472S-04

Date: August 2004

day
DAY ENVIRONMENTAL, INC.

LETTER OF TRANSMITTAL

3472S-04 / JJS1104

TO: Mr. Mark Gregor, Manager
Division of Environmental Quality
City of Rochester, City Hall, Room 300B
30 Church Street
Rochester, New York 14614

RE: Phase I Environmental Site Assessment Confirmational Study
175, 195 and 199 Hague Street
Rochester, New York

WE ARE SENDING YOU: _X_ ATTACHED _____ UNDER SEPARATE COVER

THE FOLLOWING ITEMS:

- Two copies of the report titled, *"Phase I Environmental Site Assessment Confirmational Study; 175, 195 and 199 Hague Street, Rochester, New York"* dated August 2004.

REMARKS:

If there are any questions, please do not hesitate to call.

DATED August 5, 2004 SIGNED David D. Day

cc: Alfred and Rich Serafini (Marble by Medusa) – 2 copies

40 COMMERCIAL STREET
ROCHESTER, NEW YORK 14614-1008
(585) 454-0210
FAX (585) 454-0825

www.dayenvironmental.com

60 EAST 42nd STREET, SUITE 1641
NEW YORK, NEW YORK 10165-1617
(212) 986-8645
FAX (212) 986-8657

TABLE OF CONTENTS

1.0 INTRODUCTION 1
1.1 Background 1
1.2 Scope of Work 2

2.0 FIELDWORK AND ANALYTICAL LABORATORY TESTING 3
2.1 Drain/Washbasin Evaluation 3
2.2 Magnetic Locator Survey 4
2.3 Test Pits 4
2.4 Test Borings 5
2.5 Analytical Laboratory Testing Program 5
2.6 Suspect Asbestos Containing Material 6

3.0 FINDINGS 7
3.1 Drain/Washbasin Evaluation 7
3.2 Pipe Evaluation and Magnetic Locator Survey Results 8
3.3 Test Pit Evaluation 8
3.4 Test Borings 9
3.5 Analytical Laboratory Results 9
3.6 Asbestos Evaluation 10

4.0 CONCLUSIONS AND RECOMMENDATIONS 11

5.0 ABBREVIATIONS 12

Appendices:

Appendix A **Figures**
Figure 1 Project Locus Map
Figure 2 Site Plan

Appendix B Test Pit Logs and Test Boring Logs

Appendix C Analytical Laboratory Reports and Chain-of-Custody Documentation

Appendix D **Tables**
Table 1 Summary of Detected VOCs in Floor Drain D-4
Table 2 Summary of Detected VOCs in Soil/Fill Samples
Table 3 Summary of RCRA Metals in Soil/Fill Samples

1.0 INTRODUCTION

Day Environmental, Inc. (DAY) was retained by the City of Rochester (City) to undertake various environmental studies at 175, 195 & 199 Hague Street, Rochester, New York (Site) under the Brownfield Assistance Program (BAP). A Project Locus Map is included as Figure 1 in Appendix A. The BAP applicants for this Site are Richard and Alfred Serafini.

1.1 Background

The site is approximately 1.26 acres and approximately 90 percent of the site is developed. The Site is developed with an approximate 33,144-square foot one-story industrial building with two partial basements, and an approximate 1,710-square foot one-story residential building with a basement, and a one-story slab on grade garage. The residential building and associated garage were not included in the Phase I ESA. The area to the north and east of the industrial building is a paved asphalt lot. An undeveloped grass area is located south of the industrial building. Since 1915, the Site has been used as a machine manufacturer, a tool and die facility, a commercial printing operation, and potentially a scrap metal company.

DAY completed a Phase I environmental site assessment (Phase I ESA) at the Site and the Phase I ESA report (DAY File no. 3292E-04) dated March 8, 2004 identified the following recognized environmental conditions (RECs):

REC# 1 Historic Use of the Site: Historically, the Site has been used for various industrial/commercial purposes with the potential of resulting in environmental impact. There have been past complaints/violations regarding storage practices of solvents, combustible wastes, etc. associated with operations at the Site.

It was reported that silk screens used by the current printing operation are washed within the facility and that the waste fluids from this process are discharged into a drain located in a loading dock in the southeastern portion of the industrial building (i.e., designated herein as floor drain D-4). The ultimate discharge of this drain is not specifically known. In addition, waste fluids have reportedly been discharged into a washbasin in the commercial printing portion of the industrial building. It is suspected this washbasin ultimately discharges into the sanitary sewer system. Three other drains (i.e., designated herein as floor drains D-1 through D-3) located in other loading dock areas were also identified as RECs since their discharge locations were unknown at the time of the Phase I ESA.

REC# 2 Potential Underground Storage Tanks (USTs): At the time of the Phase I ESA site visit, a boiler was observed in the basement of the original portion of the industrial building and it is possible that the boiler may have been fueled with fuel oil at one time. A fuel tank was not observed; however, two sets of pipes were observed in the basement in the area of the boiler. The purpose of these pipes is unknown.

An approximate 2-inch diameter pipe was observed on the eastern exterior wall of the industrial building near the loading docks. The purpose of this pipe is unknown but it could have been associated with an UST.

An approximately 1-inch diameter pipe was observed near the southwestern exterior corner of the industrial building. The purpose of this pipe has not been determined; however, it is possible that this pipe could have been associated with an UST.

In addition to the RECs listed above, a note in the Phase I ESA indicated the presence of suspected asbestos containing material (SACM). Specifically, note #2 of the Phase I ESA report identified this as damaged pipe insulation on the first floor and basement of the unoccupied portion of the industrial building, and damaged boiler thermal system insulation on the boiler located in the basement of the unoccupied portion of the industrial building. The BAP Applicant requested that this Phase I ESA Confirmational Study include sampling and testing to determine if these materials are asbestos-containing materials (ACM).

1.2 Scope of Work

To evaluate the identified RECs and SACM, DAY performed the following services under the City's BAP:

- Conducted a magnetic locator survey in areas of the Site;
- conducted dye testing in drains located in the four loading dock areas;
- retained a plumber to snake the floor drains and evaluate the discharge location(s) of the floor drains in which dye testing was inconclusive;
- retained a subcontractor to advance test pits using a mini-excavator;
- retained a subcontractor to advance test borings using direct-push drilling equipment;
- observed the test pits and test borings completed to prepare a description of the subsurface materials encountered;
- screened the ambient air space above selected soil samples collected from the test pits and test borings using a photoionization detector (PID);
- collected samples for analytical laboratory testing from test pits, test borings, floor drains and SACM;
- field located test pit, test boring, floor drain locations; and
- evaluated the data collected and prepared this report summarizing the findings and conclusions.

2.0 FIELDWORK AND ANALYTICAL LABORATORY TESTING

This section presents the fieldwork and analytical laboratory testing completed as part of this study.

2.1 Drain/Washbasin Evaluation

On May 11, 2004, DAY collected samples of the accumulated sludge/sediment from the floor drains in the loading dock areas for analytical laboratory testing. Specifically, a sediment/sludge sample (designated 3472-009/D-1) was collected from floor drain D-1 due to the presence of a petroleum odor and sheen and two sediment/sludge samples (designated as 3472-001/D-4 and 3472-010/D-4) were collected from floor drain D-4 in order to determine its composition and characterize the material for subsequent off-site disposal, if necessary (the locations of these floor drains are depicted on Figure 2 included in Appendix A).

Sample 3472-009/D-1 was analyzed at Paradigm Environmental Services, Inc. (Paradigm), a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified analytical laboratory for Total Petroleum Hydrocarbons (TPH) using NYSDOH Method 310.13.

Sample 3472-001/D-4 was analyzed at Paradigm for:

- Toxicity Characteristic Leaching Procedure (TCLP) for volatile organic compounds (VOCs) using United State Environmental Protection Agency (USEPA) Method 1311 and 8260B;
- TCLP for semi-volatile organic compounds (SVOCs) using USEPA Method 1311;
- TCLP for metals using USEPA Methods 6010B and 7470A;
- Ignitability using USEPA Method SW 846, 1010;
- Reactivity using USEPA Method SW 846, 7.3; and
- Corrosivity using USEPA Method 9045C.

Sample 3472-010/D-4 was analyzed at Paradigm for USEPA target compound list (TCL) and NYSDEC Spill Technology and Remediation Series (STARS)-list VOCs, plus up to 20 tentatively identified compounds (TICs) using USEPA Method 8260B;

Following the collection of the sludge samples, dye tests were attempted within floor drains D-1 through D-4. [Note: a dye test was not done in the washbasin in the southeastern loading dock area of the building because no piping was observed to exit the washbasin. Rather, it appeared that water in the washbasin was allowed to drain onto the floor via a drain plug and ultimately discharged to the floor drain D-4.] The dye testing consisted of dissolving red biodegradable dye tablets in water, placing this mixture was added to the drains, flushing the drains with water for 20 minutes and observing discharge locations for dye.

It was expected that floor drains D1, D-2 and D3 were connected to the City's combined stormwater/sanitary system on Elser Terrace. The nearest access point to this combined stormwater/sanitary system was approximately ¼-mile downstream of the Site on Maple Avenue. It was expected that D-4 connected to the City's combined stormwater/sanitary sewer on Hague Street. A manhole located approximately 200 feet from the Site was the access point nearest to D-4. The expected discharge locations were checked for floor drains D-1 and D-2. The floor drains were open and flowing, however, no evidence of dye was observed within the access point on Maple Avenue. Floor drain D-3 was clogged and could not be evaluated with the dye test. Approximately 20 minutes after dye was added to floor drain D-4, a red tint was observed in the access point on Hague Street.

On July 20, 2004, DAY retained Pollisini, a professional plumber, to evaluate the discharge locations of floor drains D-1, D-2 and D-3 in which the dye tests were inconclusive. An attempt to perform a video survey was made, however, the equipment was not operating properly. A mechanical snake was then inserted into these drains in an attempt to identify their discharge location(s). An 8-inch clean-out cap was removed from the main line in the building (i.e., the cleanout for lines exiting the Site and entering the stormwater/sanitary system on Elser Terrace) and a DAY representative listened at the cleanout location. When the snake was advanced within drains D-1, D-2 and D-3, a scraping sound was detected in the 8-inch cleanout.

2.2 Magnetic Locator Survey

On May 11, 2004, a Schonstedt Model MAC51BX pipe and cable locator was used to evaluate unknown pipes identified in the Phase I ESA. The cable locator was connected to the pipe ends sending current down the pipe. The current was then tracked on the surface with the magnetic locator. The ground surface around the perimeter of the building was also screened with the magnetic locator, where accessible. For this survey, the pipe locator was used as a metal detector.

2.3 Test Pits

DAY retained Arrow Construction, Inc. (Arrow) to provide a Kobelco SK027 excavator and operator to excavate two test pits in order to evaluate the potential presence of USTs on the Site. On May 13, 2004, test pits were excavated to depths up to the reach of the equipment (6-7 feet). The test pits were excavated in the following locations (refer to Figure 2 in Appendix A):

- The southwestern corner of the property in proximity to the two unknown pipes (i.e., test pit TP-1); and
- The south wall where the magnetic locator survey detected anomalies in proximity to two pipes exiting the building in this area (i.e., test pit TP-2).

A DAY representative was present during the test pit excavation work to monitor and document subsurface conditions. The monitoring included field observations (i.e., visual observations, odors, etc.) of excavated and in-situ material as well as screening materials with a PID for evidence of VOC impacts. The findings were recorded and summarized on the test pit logs included in Appendix B.

2.4 Test Borings

DAY retained SLC Environmental Services, Inc. (SLC) to provide a 54LT track-mounted direct-push drill rig and operator to advance 20 test borings at interior and exterior locations on the Site (refer to Figure 2 in Appendix A). These test borings were advanced on May 18 and 19, 2004 and continuous samples were collected in 2-foot intervals until the equipment encountered refusal (ranging between 5.2 feet and 11.6 feet below the ground surface). A DAY representative observed the soil samples, collected and screened the selected samples with a PID. Subsurface conditions encountered in each test boring are summarized on the test boring logs included as Appendix B.

2.5 Analytical Laboratory Testing Program

Selected samples of soil/fill that were collected during the test pit/test boring work were submitted under chain-of-custody control to Paradigm for laboratory analysis. The samples, their corresponding locations and the test parameters are presented below:

- Sample 3472-002 from TP-2 (1.5') was analyzed for Resource Conservation and Recovery Act (RCRA) metals using USEPA Methods 6010 and 7471.
- Sample 3472-003 from TB-5 (0.5') was analyzed for TCL and STARS-list VOCs including the top 20 TICs using USEPA Method 8260 and total petroleum hydrocarbons (TPH) using NYSDOH Method 310.13.
- Sample 3472-004 from TB-8 (3.5') was analyzed for TCL and STARS-list VOCs including the top 20 TICs using USEPA Method 8260, STARS-list SVOCs including the top 20 TICs using USEPA Method 8270 and TPH using NYSDOH Method 310.13
- Sample 3472-005 from TB-10 (7.5') was analyzed for TCL and STARS-list VOCs including the top 20 TICs using USEPA Method 8260 using USEPA Method 8260.
- Sample 3472-006 from TB-12 (0.5') was analyzed for RCRA metals using USEPA Method 6010 and 7471 and TCL base-neutral acid extractable SVOCs using USEPA Method 8270.
- Sample 3472-007 from TB-17 (1.0') was analyzed for RCRA metals using USEPA Method 6010 and 7471 and STARS-list SVOCs including the top 20 TICs using USEPA Method 8270.
- Sample 3472-008 from TB-19 (3.0') was analyzed for STARS-list SVOCs including the top 20 TICs using USEPA Method 8270 and RCRA metals using USEPA Method 6010 and 7471.

A copy of the analytical laboratory report submitted by Paradigm with chain-of-custody documentation for these samples is included in Appendix C.

2.6 Suspect Asbestos-Containing Material

On May 24, 2004, a sample was collected of each of the three damaged SACM identified in Note #2 of the Phase I ESA report. Five samples were submitted, under chain-of-custody control, to Paradigm to evaluate asbestos content using polarized light microscopy (PLM) analysis via NYSDOH Method 198.1. The samples are described as follows:

- Sample A-1 consists of thermal system insulation (TSI) from the boiler in the basement in the unoccupied industrial building.
- Sample A-2 consists of TSI from mudpack material in the basement in the unoccupied industrial building.
- Sample A-3 consists of 3-inch aircell pipe wrap from the first floor of the unoccupied industrial building.
- Sample A-4 consists of 1.5-inch aircell pipe wrap from the first floor of the unoccupied industrial building.
- Sample A-5 consists of 3-inch aircell pipe wrap from the basement of the unoccupied industrial building.

A copy of the analytical laboratory report submitted by Paradigm with chain-of-custody documentation for these samples is included in Appendix C.

3.0 FINDINGS

This section of the report presents the findings of the fieldwork and analytical laboratory testing completed as part of this study.

3.1 Drain/Washbasin Evaluation

The four floor drains (designated D-1 through D-4) located in the three loading dock areas are of similar construction. They are approximately 18 inches in diameter and 2 feet deep. The floor drain sump, cover and piping in each drain appear to be constructed of metal. With the exception of the cover of floor drain D-3, these drains did not appear to be damaged (e.g., broken, corroded, etc). The cover of floor drain D-3 was cracked in two pieces with a piece of plate steel placed over the damaged portion of the cover.

A weathered petroleum-type odor was observed emanating from drain D-1 and the sediment/sludge within this drain contained a petroleum sheen. A peak PID reading of 3 ppm was measured in the headspace of a sediment/sludge sample from this drain. The sediment/sludge collected from floor drain D-1 contained a TPH concentration of 2,260,000 micrograms per kilogram (µg/kg) identified as a heavy-weight TPH.

The sediment/sludge in floor drain D-4 is a black sludge with a solvent-type odor, similar to the odor noticed in the operational area of the graphics company. A peak PID reading of 157 ppm was measured above the headspace of a sludge/sediment sample collected from floor drain D-4. The following constituents were detected in the sediment/sludge collected from drain D-4: ethylbenzene, toluene, xylenes and carbon disulfide at concentrations ranging from 82,700 µg/kg (or ppb) to 1,640,000 µg/kg. VOC TICs were not detected in this sample. The sample from floor drain D-4 was also subjected to a TCLP and the resulting extraction was analyzed for VOCs. No constituent was detected above regulatory limits in the TCLP analysis. Furthermore, the sample was not found to be combustible, corrosive, or reactive (with respect to cyanide and sulfide). As such, the sediment contained within this catch basin is not considered a characteristic hazardous waste for the parameters tested. Table 1 in Appendix D presents a summary of the constituents detected in the sludge/sediment sample from floor drain D-4. The copy of the analytical laboratory report in Appendix C compares the TCLP analysis to regulatory limits.

Dye testing indicates that the floor drain D-4 discharges to the City's combined sanitary/stormwater sewer system located on Hague Street. The washbasin in proximity to drain D-4 does not have discharge piping, but it has a drain plug in the bottom of the washbasin that when opened allows water to discharge into floor drain D-4. Dye testing of floor drains D-1 and D-2 was inconclusive since dye was not detected in the expected access point on Maple Avenue (potentially due to the distance of the access point from the Site). When a snake was advanced in floor drains D-1, D-2, and D-3, a scraping sound was detected in the cleanout for the sewer lines for the Site entering the stormwater/sanitary system on Elser Terrace (i.e., suggesting the floor drains are connected to the municipal system.

3.2 Pipe Evaluation and Magnetic Locator Survey Results

When the magnetic locator was connected to the unknown pipes in the southwestern corner of the property a metallic anomaly was observed southwest of the pipes; however, this anomaly appears to be attributable to interference from a nearby chain-link fence and posts. [Note: due to Site conditions (i.e., snow covered) during the Phase I ESA, only one pipe was observed, however two approximately 2-inch pipes are present in this area]. A tape measure was placed in these pipes measured their depths to be approximately 2.5-feet and 1.0-foot below the ground surface, respectively. Both pipes were filled with water that did not exhibit odors or sheens.

The unknown pipes on the eastern exterior wall were also evaluated with the magnetic locator. Although only one pipe was noted during the Phase I ESA, there were seven pipes on this wall. Five of the pipes where capped and labeled "gas vent" and these pipes were determined to be connected to a natural gas delivery system for the property. One pipe was a former gas service line that came out of the ground. Rochester Gas & Electric had marked out this gas pipe coming onto the Site off of Elser Terrace. The final pipe was connected to the Site's fire suppression system. The magnetic locator was also put in survey mode and the ground beneath these pipes was scanned. The only metallic anomaly was in proximity to the paint marks on the ground surface where an underground natural gas pipe is located. Based upon the above considerations, further evaluation (e.g., test pits, etc.) was not deemed necessary.

Two additional pipes that were not observed during the Phase I ESA were identified exiting the south wall of the building. The magnetic locator was put in survey mode and areas around the perimeter the building that could be accessed were scanned for metallic anomalies. One area had anomalies on the southern wall of the building. It was directly below the two pipes exiting the wall of the building. The area was marked and test TP-2 was subsequently excavated in this area (see section 3.3).

3.3 Test Pit Evaluation

To evaluate subsurface conditions in areas of unknown pipes or magnetic anomaly, a test pit, TP-1 was excavated in the southwestern corner of the building and test pit TP-2 was excavated along the southern wall (refer to Figure 2 in Appendix A). The top six inches of both test pits consist of topsoil. Beneath the topsoil, approximately 2.5-feet of fill material was observed and this fill consisted of black sandy silt, broken pieces of pottery, plastic, ash and a trace of gravel. Beneath the fill, indigenous tan sandy silt was observed to the completion of the test pit (i.e., from 3.0' below the ground surface to depths of 6.0' and 7.0'). No odors or staining were observed and PID readings on excavated and in-situ fill from the two test pits measured 0.0 ppm. Neither groundwater nor bedrock was encountered at either test pit. The test pit logs are included in Appendix B. The test pits were backfilled using the excavated material and tamped using the bucket of the excavator.

3.4 Test Borings

The top 6 to 8 inches of each test boring advanced during this study was comprised of asphalt or concrete depending on location. Fill material generally consisting of black or brown silty sand with lesser amounts of slag and of gravel was observed beneath the asphalt or concrete. However the fill at test locations TB-4 through TB-6 was reworked light brown sandy silt, which is consistent with indigenous soil located at the Site. This fill was most likely soil that was displaced during the construction of additions to the original building and spread at these parts of the Site. The fill layer across the Site varies in thickness from between about 2 and 5 feet with an average thickness of approximately 4 feet. Beneath the fill layer, indigenous light brown to tan sandy silt was observed until equipment refusal was encountered at depths about between 5.2 feet and 11.6 feet below the ground surface. Based on observation of moisture content on the soil/fill samples, groundwater is present at the Site between approximately 5 and 7 feet below the ground surface.

A peak PID reading of 21.4 ppm was measured above soil samples collected at a depth of approximately one-foot below the ground surface in test boring TB-5 and a peak PID reading of 21.3 ppm was measured at a depth of approximately three feet at test boring TB-8. PID readings at the other test borings advanced during this study were measured at 0.0 ppm.

3.5 Analytical Laboratory Results

Selected soil samples collected during this study were analyzed for the parameters outlined in Section 2.2.4 and Tables 2 and 3 in Appendix D present the constituents detected in these samples and compare the analytical laboratory test results to recommended soil cleanup objectives (RSCOs) as referenced in the NYSDEC Technical and Administrative Guidance Memorandum: *"Determination of Soil Cleanup Levels"* (TAGM 4046) dated January 24, 1994 and subsequent addendum.

Sample 3472-003 from TB-5 (0.5'), sample 3472-004 from TB-8 (3.5') and sample 3472-005 from TB-10 (7.5') were analyzed for VOCs. Trichloroethene was detected at a concentration of 73.5 µg/kg or parts per billion (ppb) in sample 3472-004 from TB-8 (3.5'). This concentration is below the RSCO of 700 ppb. Although no TCL or STARS-list VOCs were detected above reported analytical laboratory detection limits in sample 3472-003 from TB-5 (0.5'), several unidentifiable TICs were reported at a total concentration of 2,156 ppb, which is below the RSCO for total VOCs of 10,000 ppb. No TCL or STARS-list VOCs or TICs were detected above reported analytical laboratory detection limits in sample 3472-005 from TB-10 (7.5'). A summary of detected VOCs is included as Table 2 in Appendix D.

Sample 3472-003 from TB-5 (0.5') and sample 3472-004 from TB-8 (3.5') were analyzed for TPH. The sample 3472-003 from TB-5 (0.5') contained TPH concentration of 82,100 ppb identified as heavy-weight TPH designated as lube oil. There is no applicable standard for TPH to compare at this time. TPH was not detected at a concentration above the reported analytical laboratory detection limits in sample 3472-004 TB-8 (3.5').

Sample 3472-004 from TB-8 (3.5'), sample 3472-006 from TB-12 (0.5'), sample 3472-007 from TB-17 (1.0') and sample 3472-008 from TB-19 (3.0') did not contain SVOCs at concentrations above reported analytical laboratory detection limits.

Sample 3472-002 from TP-2 (1.5'), sample 3472-006 from TB-12 (0.5'), sample 3472-007 from TB-17 (1.0') and sample 3472-008 from TB-19 (3.0') were analyzed for RCRA metals. Mercury was detected in sample 3472-002 from TP-2 (1.5') and sample 3472-007 from TB-17 (1.0') at concentrations of 0.588 ppm and 0.3549 ppm, respectively. These concentrations exceed RSCO for mercury of 0.1 ppm and typical background range of 0.001 to 0.2 ppm. Silver and arsenic were detected in sample 3472S-04/TP-2 (1.5') at a concentration of 9.77 ppm and 19.9 ppm, respectively. The RSCO for silver and arsenic are relative to the background levels detected at the Site and these metals potentially exceed RSCOs. The concentration of the other metals measured in the samples tested during this study were within or below background levels and not appear to exceed RSCOs. The results are included as Table 3 in Appendix D.

3.6 Asbestos Evaluation

As shown in the analytical laboratory report included in Appendix C, each sample of SACM was composed of 80% Chrysotile asbestos fibers and 20% non-asbestos fibers. As such, each material represented by these five samples is considered to be ACM.

4.0 CONCLUSIONS AND RECOMMENDATIONS

DAY performed this Phase I ESA confirmational study to evaluate two RECs and SACM that were identified in a Phase I ESA report dated March 8, 2004. The conclusions and recommendations in relation to the RECs and SACM are presented in this section of the report.

REC#1 (Historic Use of the Site)

Based upon this study, it appears that the four floor drains located in loading docks within the industrial building at the Site discharge to the City's combined sanitary and stormwater sewer systems. A washbasin within the facility appears to discharge onto the floor of the building and ultimately into a nearby floor drain. Two floor drains contained sediment/sludge that is impacted with TPH or VOCs. The sediment/sludge containing VOCs was determined not to be a characteristic hazardous waste for the parameters that were tested. It is recommended that sediment/sludge in the floor drains be removed and disposed in accordance with applicable regulations. In addition, it should be determined if current discharges to the washbasin and floor drains are in compliance with municipal sewer use laws, whether a sewer use permit is required and whether the discharges need to be discontinued.

Laboratory analysis of selected soil samples from test borings did not identify VOCs, SVOCs or TPH at concentrations warranting further work at this time. The concentrations of mercury, and potentially arsenic and silver in some of the fill samples tested, exceed the respective RSCO and typical background range. It is suspected that the detected concentrations of mercury, arsenic and silver in these fill samples is attributable to the fill, and not historic use of the Site.

Although concentrations of selected metals were measured above RSCO, the results probably do not warrant immediate remediation. The Site is used for industrial purposes and the fill containing metals is not present at the ground surface (i.e., the majority of the Site is covered with asphalt.) However, if this material is ever disturbed during future renovations, utility work, etc., it is recommended that an Environmental Management Plan (EMP) be prepared to identify procedures for addressing this material. At that time, a copy of the EMP and this report should be provided to the appropriate regulatory agencies for review.

REC#2 (Potential USTs)

Based upon the work completed, evidence of USTs and associated piping were not identified. Therefore, further work in relation to USTs at the Site is not recommended at this time.

SACM

Analytical laboratory testing of samples of the SACM identified in the March 8, 2004 Phase I ESA report confirmed these materials are ACM. As such, these ACM should be abated (i.e., removed, repaired, encapsulated, etc.) by a licensed asbestos abatement contractor in accordance with applicable regulations.

5.0 ABBREVIATIONS

ACM	Asbestos-Containing Material
Arrow	Arrow Construction, Inc.
BAP	Brownfield Assistance Program
City	City of Rochester
DAY	Day Environmental, Inc.
ELAP	Environmental Laboratory Approval Program
EMP	Environmental Management Plan
MCDOH	Monroe County Department of Health
NYSDOH	New York State Department of Health
Paradigm	Paradigm Environmental Services, Inc.
Phase I ESA	Phase I Environmental Site Assessment
PID	Photoionization Detector
PLM	Polarized Light Microscopy
ppb	Parts Per Billion
ppm	Parts Per Million
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Condition
RSCO	Recommended Soil Cleanup Objective
SACM	Suspect Asbestos-Containing Material
SLC	SLC Environmental Services, Inc.
STARS	Spill Technology and Remediation Series
SVOC	Semi-Volatile Organic Compounds
TAGM 4046	NYSDEC Technical and Guidance Memorandum: *"Determination of Soil Cleanup Levels"* dated January 24, 1994
TCL	Target Compound List
TCLP	Toxicity Characteristic Leaching Procedure
TPH	Total Petroleum Hydrocarbons
TIC	Tentatively Identified Compounds
TSI	Thermal System Insulation
µg/kg	Micrograms per Kilogram
USEPA	United States Environmental Protection Agency
UST	Underground Storage Tank
VOC	Volatile Organic Compounds

ATTACHMENT B

TEST PIT LOGS AND TEST BORING LOGS

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614-1008

TEST PIT NO.: TP-1

Project No: 3472S-04
Project: Phase I Confirmational Study
Location: 175, 195 & 199 Hague St. Rochester, NY
Date: 05/13/04
Test Pit Depth: 6.0'
Depth to Water: Not Encountered

Excavation Contractor: Arrow Contracting, Inc.
Excavation Equipment: Kobelco SK027
Equipment Reach: Approximately 8.0'
DAY Representative: C. Davidson

SUBSURFACE PROFILE				Remarks
Depth	Peak PID Reading (ppm)	Description	Sample Number	
0	0.0	6" TOPSOIL		
1	0.0	Black Sandy Silt, Glass, Pottery, Plastic, Ash, trace Gravel (FILL), moist		
2	0.0			
3	0.0			
4	0.0	Tan, Sandy SILT, trace Gravel, moist		
5	0.0			
6	0.0			
7		BOTP @ 6.0'		
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20				

File: 3472p1 log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614-1008

TEST PIT NO.: TP-2

Project No: 3472S-04
Project: Phase I Confirmational Study
Location: 175, 195 & 199 Hague St. Rochester, NY
Date: 05/13/04
Test Pit Depth: 7.0'
Depth to Water: Not Encountered

Excavation Contractor: Arrow Contracting, Inc.
Excavation Equipment: Kobelco SK027
Equipment Reach: Approximately 8.0'
DAY Representative: C. Davidson

SUBSURFACE PROFILE				
Depth	Peak PID Reading (ppm)	Description	Sample Number	Remarks
1	0.0	Brown to Black Silty Sand, trace Gravel, Ash, Slag, Glass, Broken Clay Tile (FILL), moist		
2	0.0			
3	0.0			
4	0.0	TAN Sandy SILT, trace Cobbles		
5	0.0			
6	0.0			
7		BOTP @ 7.0'		
8				
9				
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16				
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19				
20				

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614-1008
(585) 454-0210

BORING NUMBER: TB-1

Project: 175,195,199 Hague St., Rochester, NY
DAY Representative: C. Davidson
Drilling Contractor: SLC Environmental Services, Inc.
Drilling Rig: Geoprobe 54LT
Sampling Method: Direct Push
Completion Method: Backfilled with cuttings

Project No: 3472S-04
Boring Location: See Site Plan
Ground Surface Elevation: NA
Start Date: 5/18/04
Borehole Diameter: 2 1/4"
Water Level: Not Encountered

Datum: NA
Completion Date: 5/18/04
Borehole Depth: 7.8'

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						0.0		Brown to Black Silty Sand, Glass, Slag, trace Gravel (FILL), moist
2	NA	S-1	0-4	65	NA	0.0		... Light Brown
3						0.0		
4								
5						0.0		Light Brown to tan Sandy SILT, trace Gravel, moist
6	NA	S-2	4-7.8	94	NA	0.0		
7						0.0		... Rock in cutting shoe
8								Refusal @ 7.8'
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19								
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File: 3472s1.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614-1008
(585) 454-0210

BORING NUMBER: TB-2

Project: 175,195,199 Hague St., Rochester, NY
Project No: 3472S-04
DAY Representative: C. Davidson
Boring Location: See Site Plan
Drilling Contractor: SLC Environmental Services, Inc.
Ground Surface Elevation: NA
Datum: NA
Drilling Rig: Geoprobe 54LT
Start Date: 5/18/04
Completion Date: 5/18/04
Sampling Method: Direct Push
Borehole Diameter: 2 1/4"
Borehole Depth: 7.6'
Completion Method: Backfill w/cuttings, capped w/concrete
Water Level: Not Encountered

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						0.0		Asphalt Brown Sand, trace Gravel (FILL), moist
2	NA	S-1	0-4	50	NA	0.0		Tan reworked Sandy SILT, trace Gravel (FILL), moist
3						0.0		
4								
5						0.0		Tan Sandy SILT, trace Gravel, moist
6	NA	S-2	4-7.6	71	NA	0.0		
7						0.0		
8								Refusal @ 7.6'
9								
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19								
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File: 3472s2.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614-1008
(585) 454-0210

BORING NUMBER: TB-3

Project: 175,195,199 Hague St., Rochester, NY
Project No: 3472S-04
DAY Representative: C. Davidson
Boring Location: See Site Plan
Drilling Contractor: SLC Environmental Services, Inc.
Ground Surface Elevation: NA
Datum: NA
Drilling Rig: Geoprobe 54LT
Start Date: 5/18/04
Completion Date: 5/18/04
Sampling Method: Direct Push
Borehole Diameter: 2 1/4"
Borehole Depth: 9.1'
Completion Method: Backfill w/cuttings, capped w/concrete
Water Level: Not Encountered

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1	NA	S-1	0-4	71	NA	0.0		Asphalt
2						0.0		Dark Brown Sandy Silt, trace Gravel, Slag (FILL), moist
3						0.0		
4								
5	NA	S-2	4-8	88	NA	0.0		Tan Sandy SILT, trace Gravel, moist
6						0.0		
7						0.0		
8	NA	S-3	8-9.1	100	NA	0.0		
9								Refusal @ 9.1'
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11								
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14								
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19								
20								

File: 3472s3.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614-1008
(585) 454-0210

BORING NUMBER: TB-4

Project: 175,195,199 Hague St., Rochester, NY
DAY Representative: C. Davidson
Drilling Contractor: SLC Environmental Services, Inc.
Drilling Rig: Geoprobe 54LT
Sampling Method: Direct Push
Completion Method: Backfill w/cuttings, capped w/concrete

Project No: 3472S-04
Boring Location: See Site Plan
Ground Surface Elevation: NA
Start Date: 5/18/04
Borehole Diameter: 2 1/4"
Water Level: Not Encountered

Datum: NA
Completion Date: 5/18/04
Borehole Depth: 5.8'

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						0.0		Stone and Asphalt
2	NA	S-1	0-4	63	NA	0.0		Tan reworked Sandy Silt, trace Gravel (FILL), wet
3						0.0		Tan Sandy SILT, trace Gravel, wet
4								
5	NA	S-2	4-5.8	100	NA	0.0		
6						0.0		Refusal @ 5.8'
7								
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19								
20								

File: 3472s4.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614-1008
(585) 454-0210

BORING NUMBER: TB-5

Project: 175,195,199 Hague St., Rochester, NY
DAY Representative: C. Davidson
Drilling Contractor: SLC Environmental Services, Inc.
Drilling Rig: Geoprobe 54LT
Sampling Method: Direct Push
Completion Method: Backfill w/cuttings, capped w/concrete

Project No: 3472S-04
Boring Location: See Site Plan
Ground Surface Elevation: NA
Start Date: 5/18/04
Borehole Diameter: 2 1/4"
Water Level: Not Encountered

Datum: NA
Completion Date: 5/18/04
Borehole Depth: 6.9'

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						21.4		Asphalt under lain by Stone and Gravel
2	NA	S-1	0-4	56	NA	0.0		Light Brown reworked Sandy Silt, trace Gravel (FILL), moist
3						0.0		
4								
5	NA	S-2	4-6.9	100	NA	0.0		Light Brown Sand, SILT, trace Gravel, moist
6						0.0		
7						0.0		
8								Refusal @ 6.9'
9								
10								
11								
12								
13								
14								
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17								
18								
19								
20								

File: 3472s5.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614-1008
(585) 454-0210

BORING NUMBER: TB-6

Project: 175,195,199 Hague St., Rochester, NY
DAY Representative: C. Davidson
Drilling Contractor: SLC Environmental Services, Inc.
Drilling Rig: Geoprobe 54LT
Sampling Method: Direct Push
Completion Method: Backfill w/cuttings, capped w/concrete

Project No: 3472S-04
Boring Location: See Site Plan
Ground Surface Elevation: NA
Start Date: 5/18/04
Borehole Diameter: 2 1/4"
Water Level: Not Encountered

Datum: NA
Completion Date: 5/18/04
Borehole Depth: 7.1'

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						0.0		Concrete underlain by Stone and Gravel
2	NA	S-1	0-4	83	NA	0.0		Light Brown reworked Sandy Silt, trace Gravel (FILL), moist
3						0.0		
4								Light Brown Sandy SILT, trace Gravel, moist
5	NA	S-2	4-7.1	100	NA	0.0		
6						0.0		
7								Refusal @ 7.1'
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File: 3472s6.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614-1008
(585) 454-0210

BORING NUMBER: TB-7

Project: 175,195,199 Hague St., Rochester, NY
Project No: 3472S-04
DAY Representative: C. Davidson
Boring Location: See Site Plan
Drilling Contractor: SLC Environmental Services, Inc.
Ground Surface Elevation: NA
Datum: NA
Drilling Rig: Geoprobe 54LT
Start Date: 5/18/04
Completion Date: 5/18/04
Sampling Method: Direct Push
Borehole Diameter: 2 1/4"
Borehole Depth: 6.6'
Completion Method: Backfill w/cuttings, capped w/concrete
Water Level: Not Encountered

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						0.0		Concrete
2	NA	S-1	0-4	83	NA	0.0		Light Brown to Dark Brown Silty Sand, Slag, trace Gravel (FILL), moist
3						0.0		
4								Light Brown Sandy SILT, trace Gravel, moist
5	NA	S-2	4-6.6	80	NA	0.0		
6						0.0		
7								Refusal @ 6.6'
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

File: 3472s7.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614-1008
(585) 454-0210

BORING NUMBER: TB-8

Project: 175,195,199 Hague St., Rochester, NY
Project No: 3472S-04
DAY Representative: C. Davidson
Boring Location: See Site Plan
Drilling Contractor: SLC Environmental Services, Inc.
Ground Surface Elevation: NA
Datum: NA
Drilling Rig: Geoprobe 54LT
Start Date: 5/18/04
Completion Date: 5/18/04
Sampling Method: Direct Push
Borehole Diameter: 2 1/4"
Borehole Depth: 6.4'
Completion Method: Backfill w/cuttings, capped w/concrete
Water Level: Approximately 6.0'

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
0								Concrete
1						20.4		Brown, Gray and Orange Sandy Silt, trace Gravel (FILL), moist
2	NA	S-1	0-4	65	NA	18.4		
3						21.3		
4								Light Brown Sandy SILT, trace Gravel, moist
						5.9		
5	NA	S-2	4-6.4	100	NA	2.4		
6						0.0		... wet
7								Refusal @ 6.4'
8								
9								
10								
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12								
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14								
15								
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17								
18								
19								
20								

File: 3472s8.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614-1008
(585) 454-0210

BORING NUMBER: TB-9

Project: 175,195,199 Hague St., Rochester, NY
Project No: 3472S-04
DAY Representative: C. Davidson
Boring Location: See Site Plan
Drilling Contractor: SLC Environmental Services, Inc.
Ground Surface Elevation: NA
Datum: NA
Drilling Rig: Geoprobe 54LT
Start Date: 5/18/04
Completion Date: 5/18/04
Sampling Method: Direct Push
Borehole Diameter: 2 1/4"
Borehole Depth: 7.7'
Completion Method: Backfill w/cuttings, capped w/concrete
Water Level: Approximately 5.0'

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						0.0		Asphalt
2	NA	S-1	0-4	50	NA	0.0		Brown, Black, Red Sandy Silt, Glass, Slag, trace Gravel (FILL), moist
3						0.0		
4								Tan Sandy SILT, trace Gravel, moist
5						0.0		... wet
6	NA	S-2	4-7.7	75	NA	0.0		
7						0.0		... Sand lens
8								Refusal @ 7.7'
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

File: 3472s9.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614-1008
(585) 454-0210

BORING NUMBER: TB-10

Project: 175,195,199 Hague St., Rochester, NY
DAY Representative: C. Davidson
Drilling Contractor: SLC Environmental Services, Inc.
Drilling Rig: Geoprobe 54LT
Sampling Method: Direct Push
Completion Method: Backfill w/cuttings, capped w/concrete

Project No: 3472S-04
Boring Location: See Site Plan
Ground Surface Elevation: NA
Start Date: 5/18/04
Borehole Diameter: 2 1/4"
Water Level: Approximately 5.0'

Datum: NA
Completion Date: 5/18/04
Borehole Depth: 7.8'

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						0.0		Asphalt Black Sandy Silt, trace Gravel, Glass, Slag (FILL), moist
2	NA	S-1	0-4	73	NA	0.0		
3						0.0		Light Brown Sandy SILT, trace Gravel, moist
4								
5						0.0		... wet
6	NA	S-2	4-7.8	50	NA	0.0		
7						0.0		
8								Refusal @ 7.8'
9								
10								
11								
12								
13								
14								
15								
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17								
18								
19								
20								

File: 3472s10.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614-1008
(585) 454-0210

BORING NUMBER: TB-11

Project: 175,195,199 Hague St., Rochester, NY
Project No: 3472S-04
DAY Representative: C. Davidson
Boring Location: See Site Plan
Drilling Contractor: SLC Environmental Services, Inc.
Ground Surface Elevation: NA
Datum: NA
Drilling Rig: Geoprobe 54LT
Start Date: 5/18/04
Completion Date: 5/18/04
Sampling Method: Direct Push
Borehole Diameter: 2 1/4"
Borehole Depth: 7.3'
Completion Method: Backfilled with cuttings
Water Level: Not Encountered

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1	NA	S-1	0-4	73	NA	0.0		Black Sandy Silt, trace Gravel, Slag (FILL), moist
2						0.0		
3						0.0		
4								Light Brown Sandy SILT, trace Gravel, moist
5	NA	S-2	4-7.3	63	NA	0.0		
6						0.0		
7						0.0		
8								Refusal @ 7.3'
9								
10								
11								
12								
13								
14								
15								
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17								
18								
19								
20								

File: 3472s11.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614-1008
(585) 454-0210

BORING NUMBER: TB-12

Project: 175,195,199 Hague St., Rochester, NY
DAY Representative: C. Davidson
Drilling Contractor: SLC Environmental Services, Inc.
Drilling Rig: Geoprobe 54LT
Sampling Method: Direct Push
Completion Method: Backfill w/cuttings, capped w/concrete

Project No: 3472S-04
Boring Location: See Site Plan
Ground Surface Elevation: NA
Start Date: 5/18/04
Borehole Diameter: 2 1/4"
Water Level: Not Encountered

Datum: NA
Completion Date: 5/18/04
Borehole Depth: 5.2'

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						0.0		Concrete
2	NA	S-1	0-4	69	NA	0.0		Brown to Black Sandy Silt, trace Gravel (FILL), moist
3						0.0		Tan Sandy SILT, trace Gravel, moist
4								
5	NA	S-2	4-5.2	100	NA	0.0		
6								Refusal @ 5.2'
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

File: 3472s12.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614-1008
(585) 454-0210

BORING NUMBER: TB-13

Project: 175,195,199 Hague St., Rochester, NY
Project No: 3472S-04
DAY Representative: C. Davidson
Boring Location: See Site Plan
Drilling Contractor: SLC Environmental Services, Inc.
Ground Surface Elevation: NA
Datum: NA
Drilling Rig: Geoprobe 54LT
Start Date: 5/19/04
Completion Date: 5/19/04
Sampling Method: Direct Push
Borehole Diameter: 2 1/4"
Borehole Depth: 8.1'
Completion Method: Backfill w/cuttings, capped w/concrete
Water Level: Approximately 7.0'

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						0.0		Concrete
2	NA	S-1	0-4	79	NA	0.0		Brown reworked Sandy Silt, trace Gravel (FILL), moist
3						0.0		
4								
5						0.0		Light Brown to tan Sandy SILT, trace Gravel, moist
6	NA	S-2	4-8	100	NA	0.0		
7						0.0		.. wet
8	NA	S-3	8-8.1	NA	NA	NA		
9								Refusal @ 8.1'
10								
11								
12								
13								
14								
15								

File: 3472s13.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614-1008
(585) 454-0210

BORING NUMBER: TB-14

Project: 175,195,199 Hague St., Rochester, NY
DAY Representative: C. Davidson
Drilling Contractor: SLC Environmental Services, Inc.
Drilling Rig: Geoprobe 54LT
Sampling Method: Direct Push
Completion Method: Backfill w/cuttings, capped w/concrete

Project No: 3472S-04
Boring Location: See Site Plan
Ground Surface Elevation: NA
Start Date: 5/19/04
Borehole Diameter: 2 1/4"
Water Level: Approximately 7.0'

Datum: NA
Completion Date: 5/19/04
Borehole Depth: 7.6'

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1	NA	S-1	0-4	48	NA	0.0		Concrete
2						0.0		Brown reworked Sandy Silt, trace Gravel (FILL), moist
3						0.0		
4								
5	NA	S-2	4-7.6	69	NA	0.0		Light Brown Sandy SILT, trace Gravel, moist
6						0.0		
7						0.0		.. wet
8								Refusal @ 7.6'
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

File: 3472s14.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614-1008
(585) 454-0210

BORING NUMBER: TB-15

Project: 175,195,199 Hague St., Rochester, NY
DAY Representative: C. Davidson
Drilling Contractor: SLC Environmental Services, Inc.
Drilling Rig: Geoprobe 54LT
Sampling Method: Direct Push
Completion Method: Backfill w/cuttings, capped w/concrete

Project No: 3472S-04
Boring Location: See Site Plan
Ground Surface Elevation: NA
Start Date: 5/19/04
Borehole Diameter: 2 1/4"
Water Level: Approximately 7.0'

Datum: NA
Completion Date: 5/19/04
Borehole Depth: 7.8'

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						0.0		Concrete
2	NA	S-1	0-4	69	NA	0.0		Brown reworked Sandy Silt, trace Gravel (FILL), moist
3						0.0		
4								
5						0.0		Light Brown Sandy SILT, trace Gravel, moist
6	NA	S-2	4-7.8	83	NA	0.0		
7						0.0		.. wet
8								Refusal @ 7.8'
9								
10								
11								
12								
13								
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18								
19								
20								

File: 3472s15.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614-1008
(585) 454-0210

BORING NUMBER: TB-16

Project: 175,195,199 Hague St., Rochester, NY
Project No: 3472S-04
DAY Representative: C. Davidson
Boring Location: See Site Plan
Drilling Contractor: SLC Environmental Services, Inc.
Ground Surface Elevation: NA
Datum: NA
Drilling Rig: Geoprobe 54LT
Start Date: 5/19/04
Completion Date: 5/19/04
Sampling Method: Direct Push
Borehole Diameter: 2 1/4"
Borehole Depth: 9.6'
Completion Method: Backfill w/cuttings, capped w/concrete
Water Level: Approximately 6.5'

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1	NA	S-1	0-4	42	NA	0.0		Concrete
2						0.0		Dark Brown to Black Silty Sand, trace Gravel, Slag (FILL), moist
3						0.0		
4								
5	NA	S-2	4-8	81	NA	0.0		Light Brown Sandy SILT, trace Gravel, moist
6						0.0		
7						0.0		.. wet
8								
9	NA	S-3	8-9.6	100	NA	0.0		
10								Refusal @ 9.6'
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

File: 3472s16.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614-1008
(585) 454-0210

BORING NUMBER: TB-17

Project: 175,195,199 Hague St., Rochester, NY
Project No: 3472S-04
DAY Representative: C. Davidson
Boring Location: See Site Plan
Drilling Contractor: SLC Environmental Services, Inc.
Ground Surface Elevation: NA
Datum: NA
Drilling Rig: Geoprobe 54LT
Start Date: 5/19/04
Completion Date: 5/19/04
Sampling Method: Direct Push
Borehole Diameter: 2 1/4"
Borehole Depth: 7.8'
Completion Method: Backfill w/cuttings, capped w/concrete
Water Level: Approximately 6.0'

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1	NA	S-1	0-4	54	NA	0.0		Concrete Dark Brown to Black Silty Sand, trace Gravel, Slag (FILL), moist
2						0.0		
3						0.0		
4								Light Brown Sandy SILT, trace Gravel, moist
5	NA	S-2	4-7.8	71	NA	0.0		
6						0.0		.. Sand lens ... wet
7						0.0		
8								Refusal @ 7.8'
9								
10								
11								
12								
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18								
19								
20								

File: 3472s17.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614-1008
(585) 454-0210

BORING NUMBER: TB-18

Project: 175,195,199 Hague St., Rochester, NY
Project No: 3472S-04
DAY Representative: C. Davidson
Boring Location: See Site Plan
Drilling Contractor: SLC Environmental Services, Inc.
Ground Surface Elevation: NA
Datum: NA
Drilling Rig: Geoprobe 54LT
Start Date: 5/19/04
Completion Date: 5/19/04
Sampling Method: Direct Push
Borehole Diameter: 2 1/4"
Borehole Depth: 11.6'
Completion Method: Backfill w/cuttings, capped w/concrete
Water Level: Approximately 7.0'

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						0.0		Concrete Black Sandy Silt, trace Gravel, Slag (FILL), moist
2	NA	S-1	0-4	63	NA	0.0		
3						0.0		... Brown
4								Light Brown Sandy SILT, trace Gravel, moist
5						0.0		
6	NA	S-2	4-8	65	NA	0.0		
7						0.0		... wet
8								
9						0.0		
10	NA	S-3	8-11.6	100	NA	0.0		
11						0.0		
12								Refusal @ 11.6'
13								
14								
15								
16								
17								
18								
19								
20								

File: 3472s18.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614-1008
(585) 454-0210

BORING NUMBER: TB-19

Project: 175,195,199 Hague St., Rochester, NY
Project No: 3472S-04
DAY Representative: C. Davidson
Boring Location: See Site Plan
Drilling Contractor: SLC Environmental Services, Inc.
Ground Surface Elevation: NA
Datum: NA
Drilling Rig: Geoprobe 54LT
Start Date: 5/19/04
Completion Date: 5/19/04
Sampling Method: Direct Push
Borehole Diameter: 2 1/4"
Borehole Depth: 7.7'
Completion Method: Backfill w/cuttings, capped w/concrete
Water Level: Approximately 6.0'

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						0.0		Concrete
2	NA	S-1	0-4	67	NA	0.0		Brown to Black Sandy Silt, trace Gravel, Slag (FILL), moist
3						0.0		
4								Light Brown Sandy SILT, trace Gravel, moist
5						0.0		
6	NA	S-2	4-7.7	83	NA	0.0		... wet
7						0.0		
8								Refusal @ 7.7'
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19								
20								

File: 3472s19.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614-1008
(585) 454-0210

BORING NUMBER: TB-20

Project: 175,195,199 Hague St., Rochester, NY
Project No: 3472S-04
DAY Representative: C. Davidson
Boring Location: See Site Plan
Drilling Contractor: SLC Environmental Services, Inc.
Ground Surface Elevation: NA
Datum: NA
Drilling Rig: Geoprobe 54LT
Start Date: 5/19/04
Completion Date: 5/19/04
Sampling Method: Direct Push
Borehole Diameter: 2 1/4"
Borehole Depth: 7.4'
Completion Method: Backfill w/cuttings, capped w/concrete
Water Level: Approximately 5.5'

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						0.0		Concrete
2	NA	S-1	0-4	81	NA	0.0		Brown to Black Sandy Silt, trace Gravel, Slag (FILL), moist
3						0.0		
4								
5						0.0		Light Brown Sandy SILT, trace Gravel, moist
6	NA	S-2	4-7.4	100	NA	0.0		... wet
7						0.0		
8								Refusal @ 7.4'
9								
10								
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File: 3472s20.log

APPENDIX C

ANALYTICAL LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTATION

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

pH Analysis Report

Client: Day Environmental, Inc.

Client Job Site:	Hague St. Phase I Confirmational Study	**Lab Project Number:**	04-1274
Client Job Number:	3472S-04	**Date Sampled:**	05/11/2004
		Time Sampled:	1:50 PM
Sample Type:	Sludge	**Date Received:**	05/11/2004
Location:	Lab	**Date Analyzed:**	05/11/2004
		Time Analyzed:	6:30 PM

Lab Sample Number	Field Number	Field Location	Result (pH)
4825	3472-001 / 04	N/A	8.26

ELAP Number 10958

Method: EPA 9045C

Comments:

Signature:

Bruce Hoogesteger, Technical Director

Chain of Custody provides additional sample information

File ID: 041274p1

PARADIGM
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue Rochester, New York 14608 585-647-2530 FAX 585-647-3311

LABORATORY REPORT OF ANALYSIS

Client: Day Environmental, Inc.

Client Job Site: Hague St. Phase I Confirmational Study
Client Job No.: 3472S-04

Field Location: 3472-001/04

Lab Project No.: 04-1274
Lab Sample No.: 4825

Sample Type: Sludge

Date Sampled: 05/11/2004
Date Received: 05/11/2004

Parameter	Date Analyzed	Analytical Method	Result (mg/kg)
Cyanide Reactivity	05/14/2004	SW846, 7.3	ND < 1 Non Reactive
Sulfide Reactivity	05/15/2004	SW846, 7.3	ND 140 Non Reactive

ELAP ID. No.: 10709

Comments: ND denotes Non Detected.
Hazardous Waste Regulatory Levels for Reactivity are as follows:
Sulfide - 500 mg/kg, Cyanide - 250 mg/kg.

Approved By Technical Director: Bruce Hoogesteger

Chain of Custody provides additional sample information.

File ID: React04-1247

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: Day Environmental, Inc.

Client Job Site: Hague St. Phase 1 Confirmation Study

Client Job No.: S4725-04

Lab Project No.: 04-1274

Sample Type: Solid

Method: SW846 1010

Date(s) Sampled: 05/11/2004

Date Received: 05/11/2004

Date Analyzed: 05/18/2004

Laboratory Report for Flashpoint Analysis

Lab Sample No.	Field ID No.	Field Location	Flashpoint Results (°C)
4825	N/A	3472-001/04	>70

ELAP ID No : 10958

Comments:

Approved By: _____

Bruce Hoogesteger, Technical Director

This report is part of a multipage document and should only be evaluated in its entirety. Chain of Custody provides additional sample information, including compliance with sample condition requirements upon receipt.

File ID:041274.xls

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: Day Environmental, Inc.

Client Job Site: Hague St. Phase 1 Confirmation Study

Client Job No.: S4725-04

Field Location: 3472-001/04

Field ID No.: N/A

Lab Project No.: 04-1274

Lab Sample No.: 4825

Sample Type: TCLP Extract

Date Sampled: 05/11/2004

Date Received: 05/11/2004

Laboratory Report for TCLP Metals Analysis

Parameter	Date Analyzed	Analytical Method	Result (mg/L)	Regulatory Limit (mg/L)
TCLP Metal Series				
Arsenic	05/14/2004	EPA 6010	<0.100	5.0
Barium	05/14/2004	EPA 6010	1.00	100.0
Cadmium	05/14/2004	EPA 6010	<0.025	1.0
Chromium	05/14/2004	EPA 6010	<0.050	5.0
Lead	05/14/2004	EPA 6010	0.206	5.0
Mercury	05/18/2004	EPA 7470	<0.0020	0.2
Selenium	05/14/2004	EPA 6010	<0.100	1.0
Silver	05/14/2004	EPA 6010	<0.050	5.0

ELAP ID No.: 10958

Comments:

Approved By: _____

Bruce Hoogesteger, Technical Director

This report is part of a multipage document and should only be evaluated in its entirety. Chain of Custody provides additional sample information, including compliance with sample condition requirements upon receipt.

File ID:041274.xls

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile Analysis Report for TCLP Extract

Client: Day Environmental, Inc.

Client Job Site:	Hague St. Phase I Confirmational Study	**Lab Project Number:**	04-1274
Client Job Number:	3472S-04	**Lab Sample Number:**	4825
Field Location:	N/A	**Date Sampled:**	05/11/2004
Field ID Number:	3472-001 / 04	**Date Received:**	05/11/2004
Sample Type:	TCLP Extract	**Date Analyzed:**	05/17/2004

Base / Neutrals	Results in ug / L	Regulatory Limits in ug / L
1,4-Dichlorobenzene	ND< 40.0	7,500
2,4-Dinitrotoluene	ND< 40.0	130
Hexachlorobenzene	ND< 40.0	130
Hexachlorobutadiene	ND< 40.0	500
Hexachloroethane	ND< 40.0	3000
Nitrobenzene	ND< 40.0	2,000
Pyridine	ND< 40.0	5,000

Acids	Results in ug / L	Regulatory Limits in ug / L
Cresols (as m,p,o-Cresol)	ND< 80.0	200,000
Pentachlorophenol	ND< 100	100,000
2,4,5-Trichlorophenol	ND< 100	400,000
2,4,6-Trichlorophenol	ND< 40.0	2,000

ELAP Number 10958 Method: EPA 8270C Data File: 19440.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature:

Bruce Hoogesteger, Technical Director

Chain of Custody provides additional sample information

File ID: 041274S1.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for TCLP Extract

Client: Day Environmental, Inc.

Client Job Site:	Hague St. Phase I Confirmational Study	**Lab Project Number:**	04-1274
Client Job Number:	3472S-04	**Lab Sample Number:**	4825
Field Location:	N/A	**Date Sampled:**	05/11/2004
Field ID Number:	3472-001 / 04	**Date Received:**	05/11/2004
Sample Type:	TCLP Extract	**Date Analyzed:**	05/13/2004

TCLP Analytes	Results in ug / L	Regulatory Limits in ug / L
Benzene	ND< 20.0	500
2-Butanone	ND< 50.0	200,000
Carbon Tetrachloride	ND< 20.0	500
Chlorobenzene	ND< 20.0	100,000
Chloroform	ND< 20.0	6,000
1,2-Dichloroethane	ND< 20.0	500
1,1-Dichloroethene	ND< 20.0	700
Tetrachloroethene	ND< 20.0	700
Trichloroethene	ND< 20.0	500
Vinyl chloride	ND< 20.0	200
ELAP Number 10958	Method: EPA 8260B	Data File: 21212.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature:

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 041274v1

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(585) 647-2530 * (800) 724-1997
FAX: (585) 647-3311

CHAIN OF CUSTODY

REPORT TO:

COMPANY: Day Environmental, Inc
ADDRESS: 40 Commercial St
CITY: Rochester STATE: NY ZIP: 14614
PHONE: 454 0010 FAX: 454 0025
ATTN: Jay Scherer
COMMENTS:

INVOICE TO:

COMPANY: SAME
ADDRESS:
CITY: STATE: ZIP:
PHONE: FAX:
ATTN:

LAB PROJECT #: 04-1274
CLIENT PROJECT #: 3472S-04

TURNAROUND TIME: (WORKING DAYS)
STD ☐ 1 ☐ 2 ☐ 3 ☒ 5 OTHER ☐

PROJECT NAME/SITE NAME: Hague St Phase I Confirmational Study

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	TCLP VOC	TCLP SVOC	TCLP Metals	Ignitability	Corrosivity	Reactivity	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	5/11/04	1350		X	3472-60'/D4	Sludge	3	X	X	X	X	XX			4825
2															
3															
4															
5															
6															
7															
8															
9															
10															

****LAB USE ONLY****

SAMPLE CONDITION: Check box if acceptable or note deviation:
CONTAINER TYPE: ☐ PRESERVATIONS: ☐ HOLDING TIME: ☐ TEMPERATURE: ☐ 18°C

Sampled By: [signature] Date/Time: 5/11/04 1350
Relinquished By: Date/Time:
Received By: Date/Time:

Relinquished By: [signature] Date/Time: 5/11/04 1510
Received By: [signature] Date/Time: 5/11/04 1510
Received @ Lab By: [signature] Date/Time: 5/11/04 1545

Total Cost:
P.I.F.

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: Day Environmental, Inc.

Client Job Site: 179,195,199 Hague Street Rochester NY

Client Job No.: 3472S-04

Field Location: 3472-006/TB-12 (0.5')

Field ID No.: N/A

Lab Project No.: 04-1393

Lab Sample No.: 5135

Sample Type: Solid

Date Sampled: 05/18/2004

Date Received: 05/20/2004

Laboratory Report for Solid Waste Analysis

Parameter	Date Analyzed	Analytical Method	Result (mg/kg)
Arsenic	05/27/2004	SW846 6010	1.84
Barium	05/27/2004	SW846 6010	25.9
Cadmium	05/27/2004	SW846 6010	0.760
Chromium	05/27/2004	SW846 6010	5.31
Lead	05/27/2004	SW846 6010	6.07
Mercury	05/24/2004	SW846 7471	<0.0180
Selenium	05/27/2004	SW846 6010	1.51
Silver	05/27/2004	SW846 6010	<1.08

ELAP ID No.:10958

Comments:

Approved By: _____

Bruce Hoogesteger, Technical Director

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File ID:041393.xls

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179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: Day Environmental, Inc.

Client Job Site: 179,195,199 Hague Street Rochester NY

Client Job No.: 3472S-04

Field Location: 3472-007/TB-17 (1.0')

Field ID No.: N/A

Lab Project No.: 04-1393

Lab Sample No.: 5136

Sample Type: Solid

Date Sampled: 05/19/2004

Date Received: 05/20/2004

Laboratory Report for Solid Waste Analysis

Parameter	Date Analyzed	Analytical Method	Result (mg/kg)
Arsenic	05/27/2004	SW846 6010	8.01
Barium	05/27/2004	SW846 6010	88.5
Cadmium	05/27/2004	SW846 6010	1.50
Chromium	05/27/2004	SW846 6010	12.1
Lead	05/27/2004	SW846 6010	36.5
Mercury	05/24/2004	SW846 7471	0.3549
Selenium	05/27/2004	SW846 6010	3.60
Silver	05/27/2004	SW846 6010	<1.16

ELAP ID No.:10958

Comments:

Approved By: Bruce Hoogesteger, Technical Director

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File ID:041393.xls

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: Day Environmental, Inc.

Client Job Site: 179,195,199 Hague Street Rochester NY

Client Job No.: 3472S-04

Field Location: 3472-008/TB-19 (3.0')

Field ID No.: N/A

Lab Project No.: 04-1393

Lab Sample No.: 5137

Sample Type: Solid

Date Sampled: 05/19/2004

Date Received: 05/20/2004

Laboratory Report for Solid Waste Analysis

Parameter	Date Analyzed	Analytical Method	Result (mg/kg)
Arsenic	05/27/2004	SW846 6010	2.54
Barium	05/27/2004	SW846 6010	33.0
Cadmium	05/27/2004	SW846 6010	0.659
Chromium	05/27/2004	SW846 6010	5.27
Lead	05/27/2004	SW846 6010	2.92
Mercury	05/24/2004	SW846 7471	<0.0172
Selenium	05/27/2004	SW846 6010	2.54
Silver	05/27/2004	SW846 6010	<0.942

ELAP ID No.:10958

Comments:

Approved By: _____
Bruce Hoogesteger, Technical Director

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File ID:041393.xls

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

PHC Analysis Report for Soils/Solids/Sludges

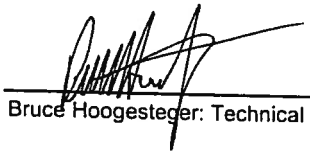
Client: Day Environmental Inc.

Client Job Site:	175, 195, 199 Hague St. Rochester, NY	**Lab Project Number:**	04-1393
Client Job Number:	3472S-04	**Lab Sample Number:**	5132
Field Location:	3472-003	**Date Sampled:**	05/18/2004
Field ID Number:	TB-5 (0.5')	**Date Received:**	05/20/2004
Sample Type:	Soil	**Date Analyzed:**	05/24/2004

PHC Classification	Results in ug / Kg
Heavy Weight PHC as: Lube Oil	82,100

ELAP Number 10958 Method: NYSDOH 310.13

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
PHC = Petroleum Hydrocarbon

Signature: 
Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

PHC Analysis Report for Soils/Solids/Sludges

Client: Day Environmental Inc.

Client Job Site:	175, 195, 199 Hague St. Rochester, NY	**Lab Project Number:**	04-1393
Client Job Number:	3472S-04	**Lab Sample Number:**	5133
Field Location:	3472-004	**Date Sampled:**	05/18/2004
Field ID Number:	TB-8 (3.5')	**Date Received:**	05/20/2004
Sample Type:	Soil	**Date Analyzed:**	05/24/2004

PHC Classification	Results in ug / Kg
Petroleum Hydrocarbon	ND< 8,130

ELAP Number 10958 Method: NYSDOH 310.13

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
PHC = Petroleum Hydrocarbon

Signature:

Bruce Hoogestegen, Technical Director

Chain of Custody provides additional sample information

File ID: 041393P2.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

PHC Analysis Report for Soils/Solids/Sludges

Client: Day Environmental Inc.

Client Job Site:	175, 195, 199 Hague St. Rochester, NY	**Lab Project Number:**	04-1393
Client Job Number:	3472S-04	**Lab Sample Number:**	5138
Field Location:	3472-009	**Date Sampled:**	05/11/2004
Field ID Number:	D-1	**Date Received:**	05/20/2004
Sample Type:	Soil	**Date Analyzed:**	05/24/2004

PHC Classification	Results in ug / Kg
Heavy Weight PHC as: Lube Oil	2,260,000

ELAP Number 10958 Method: NYSDOH 310.13

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
PHC = Petroleum Hydrocarbon

Signature:

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: Day Environmental, Inc.

Client Job Site:	175, 195, 199 Hague St. Rochester, NY	**Lab Project Number:**	04-1393
Client Job Number:	3472S-04	**Lab Sample Number:**	5133
Field Location:	TB-8(3.5')	**Date Sampled:**	05/18/2004
Field ID Number:	3472-004	**Date Received:**	05/20/2004
Sample Type:	Soil	**Date Analyzed:**	05/22/2004

Base / Neutrals	Results in ug / Kg
Acenaphthene	ND< 323
Anthracene	ND< 323
Benzo (a) anthracene	ND< 323
Benzo (a) pyrene	ND< 323
Benzo (b) fluoranthene	ND< 323
Benzo (g,h,i) perylene	ND< 323
Benzo (k) fluoranthene	ND< 323
Chrysene	ND< 323
Dibenz (a,h) anthracene	ND< 323
Fluoranthene	ND< 323
Fluorene	ND< 323
Indeno (1,2,3-cd) pyrene	ND< 323
Naphthalene	ND< 323
Phenanthrene	ND< 323
Pyrene	ND< 323

ELAP Number 10958 Method: EPA 8270C Data File: 19522.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature:

Bruce Hoogesteger: Technical Director

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179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile Analysis Report for Soils/Solids/Sludges

Client: Day Environmental, Inc.

Client Job Site:	175, 195, 199 Hague St. Rochester, NY	**Lab Project Number:**	04-1393
Client Job Number:	3472S-04	**Lab Sample Number:**	5133
Field Location:	TB-8(3.5')	**Date Sampled:**	05/18/2004
Field ID Number:	3472-004	**Date Received:**	05/20/2004
Sample Type:	Soil	**Date Analyzed:**	05/22/2004

Tentatively Identified Compounds	CAS Number	Retention Time	Results in ug / Kg	Percent Fit
None to report	N/A	N/A	ND< 323	N/A

ELAP Number 10958 Method: EPA 8270C Data File: 19522.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
N/A = Not Applicable

Signature:

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 041393S5.XLS

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179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: Day Environmental, Inc.

Client Job Site:	175, 195, 199 Hague St. Rochester, NY	**Lab Project Number:**	04-1393
Client Job Number:	3472S-04	**Lab Sample Number:**	5136
Field Location:	TB-17(1.0')	**Date Sampled:**	05/19/2004
Field ID Number:	3472-007	**Date Received:**	05/20/2004
Sample Type:	Soil	**Date Analyzed:**	05/22/2004

Base / Neutrals	Results in ug / Kg
Acenaphthene	ND< 351
Anthracene	ND< 351
Benzo (a) anthracene	ND< 351
Benzo (a) pyrene	ND< 351
Benzo (b) fluoranthene	ND< 351
Benzo (g,h,i) perylene	ND< 351
Benzo (k) fluoranthene	ND< 351
Chrysene	ND< 351
Dibenz (a,h) anthracene	ND< 351
Fluoranthene	ND< 351
Fluorene	ND< 351
Indeno (1,2,3-cd) pyrene	ND< 351
Naphthalene	ND< 351
Phenanthrene	ND< 351
Pyrene	ND< 351

ELAP Number 10958 Method: EPA 8270C Data File: 19523.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature:

Bruce Hoogesteger: Technical Director

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179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile Analysis Report for Soils/Solids/Sludges

Client: Day Environmental, Inc.

Client Job Site:	175, 195, 199 Hague St. Rochester, NY	**Lab Project Number:**	04-1393
Client Job Number:	3472S-04	**Lab Sample Number:**	5136
Field Location:	TB-17(1.0')	**Date Sampled:**	05/19/2004
Field ID Number:	3472-007	**Date Received:**	05/20/2004
Sample Type:	Soil	**Date Analyzed:**	05/22/2004

Tentatively Identified Compounds	CAS Number	Retention Time	Results in ug / Kg	Percent Fit
None to report	N/A	N/A	ND< 351	N/A

ELAP Number 10958 Method: EPA 8270C Data File: 19523.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
N/A = Not Applicable

Signature:

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

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179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: Day Environmental, Inc.

Client Job Site:	175, 195, 199 Hague St. Rochester, NY	**Lab Project Number:**	04-1393
Client Job Number:	3472S-04	**Lab Sample Number:**	5137
Field Location:	TB-19(3.0')	**Date Sampled:**	05/19/2004
Field ID Number:	3472-008	**Date Received:**	05/20/2004
Sample Type:	Soil	**Date Analyzed:**	05/22/2004

Base / Neutrals	Results in ug / Kg
Acenaphthene	ND< 317
Anthracene	ND< 317
Benzo (a) anthracene	ND< 317
Benzo (a) pyrene	ND< 317
Benzo (b) fluoranthene	ND< 317
Benzo (g,h,i) perylene	ND< 317
Benzo (k) fluoranthene	ND< 317
Chrysene	ND< 317
Dibenz (a,h) anthracene	ND< 317
Fluoranthene	ND< 317
Fluorene	ND< 317
Indeno (1,2,3-cd) pyrene	ND< 317
Naphthalene	ND< 317
Phenanthrene	ND< 317
Pyrene	ND< 317

ELAP Number 10958 Method: EPA 8270C Data File: 19524.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature:

Bruce Hoogesteger: Technical Director

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179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile Analysis Report for Soils/Solids/Sludges

Client: Day Environmental, Inc.

Client Job Site:	175, 195, 199 Hague St. Rochester, NY	**Lab Project Number:**	04-1393
Client Job Number:	3472S-04	**Lab Sample Number:**	5137
Field Location:	TB-19(3.0')	**Date Sampled:**	05/19/2004
Field ID Number:	3472-008	**Date Received:**	05/20/2004
Sample Type:	Soil	**Date Analyzed:**	05/22/2004

Tentatively Identified Compounds	CAS Number	Retention Time	Results in ug / Kg	Percent Fit
None to report	N/A	N/A	ND< 317	N/A

ELAP Number 10958 Method: EPA 8270C Data File: 19524.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
N/A = Not Applicable

Signature:

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 041393S7.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile Analysis Report for Soils/Solids/Sludges

Client: Day Environmental, Inc.

Client Job Site:	175, 195, 199 Hague St. Rochester, NY	**Lab Project Number:**	04-1393
Client Job Number:	3472S-04	**Lab Sample Number:**	5135
Field Location:	TB-12(0.5')	**Date Sampled:**	05/18/2004
Field ID Number:	3472-006	**Date Received:**	05/20/2004
Sample Type:	Soil	**Date Analyzed:**	05/22/2004

Base / Neutrals	Results in ug / Kg	Base / Neutrals	Results in ug / Kg
Acenaphthene	ND< 331	Dibenz (a,h) anthracene	ND< 331
Anthracene	ND< 331	Fluoranthene	ND< 331
Benzo (a) anthracene	ND< 331	Fluorene	ND< 331
Benzo (a) pyrene	ND< 331	Indeno (1,2,3-cd) pyrene	ND< 331
Benzo (b) fluoranthene	ND< 331	Naphthalene	ND< 331
Benzo (g,h,i) perylene	ND< 331	Phenanthrene	ND< 331
Benzo (k) fluoranthene	ND< 331	Pyrene	ND< 331
Chrysene	ND< 331	Acenapthylene	ND< 331
Diethyl phthalate	ND< 331	1,2-Dichlorobenzene	ND< 331
Dimethyl phthalate	ND< 828	1,3-Dichlorobenzene	ND< 331
Butylbenzylphthalate	ND< 331	1,4-Dichlorobenzene	ND< 331
Di-n-butyl phthalate	ND< 331	1,2,4-Trichlorobenzene	ND< 331
Di-n-octylphthalate	ND< 331	Nitrobenzene	ND< 331
Bis (2-ethylhexyl) phthalate	ND< 331	2,4-Dinitrotoluene	ND< 331
2-Chloronaphthalene	ND< 331	2,6-Dinitrotoluene	ND< 331
Hexachlorobenzene	ND< 331	Bis (2-chloroethyl) ether	ND< 331
Hexachloroethane	ND< 331	Bis (2-chloroisopropyl) ether	ND< 331
Hexachlorocyclopentadiene	ND< 331	Bis (2-chloroethoxy) methane	ND< 331
Hexachlorobutadiene	ND< 331	4-Bromophenyl phenyl ether	ND< 331
N-Nitroso-di-n-propylamine	ND< 331	4-Chlorophenyl phenyl ether	ND< 331
N-Nitrosodiphenylamine	ND< 331	Benzidine	ND< 828
N-Nitrosodimethylamine	ND< 331	3,3'-Dichlorobenzidine	ND< 331
Isophorone	ND< 331	4-Chloroaniline	ND< 331
Benzyl alcohol	ND< 828	2-Nitroaniline	ND< 828
Dibenzofuran	ND< 331	3-Nitroaniline	ND< 828
2-Methylnapthalene	ND< 331	4-Nitroaniline	ND< 828

Acids	Results in ug / Kg	Acids	Results in ug / Kg
Phenol	ND< 331	2-Methylphenol	ND< 331
2-Chlorophenol	ND< 331	4-Methylphenol	ND< 331
2,4-Dichlorophenol	ND< 331	2,4-Dimethylphenol	ND< 331
2,6-Dichlorophenol	ND< 331	2-Nitrophenol	ND< 331
2,4,5-Trichlorophenol	ND< 828	4-Nitrophenol	ND< 828
2,4,6-Trichlorophenol	ND< 331	2,4-Dinitrophenol	ND< 331
Pentachlorophenol	ND< 828	4,6-Dinitro-2-methylphenol	ND< 828
4-Chloro-3-methylphenol	ND< 331	Benzoic acid	ND< 828

ELAP Number 10958 Method: EPA 8270C Data File: 19508.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature:

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 041393S1.XLS

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ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: Day Environmental, Inc.

Client Job Site:	175, 195, 199 Hague St. Rochester, NY	**Lab Project Number:**	04-1393
Client Job Number:	3472S-04	**Lab Sample Number:**	5132
Field Location:	TB-5(0.5')	**Date Sampled:**	05/18/2004
Field ID Number:	3472-003	**Date Received:**	05/20/2004
Sample Type:	Soil	**Date Analyzed:**	05/24/2004

Halocarbons	Results in ug / Kg
Bromodichloromethane	ND< 8.17
Bromomethane	ND< 8.17
Bromoform	ND< 8.17
Carbon Tetrachloride	ND< 8.17
Chloroethane	ND< 8.17
Chloromethane	ND< 8.17
2-Chloroethyl vinyl Ether	ND< 8.17
Chloroform	ND< 8.17
Dibromochloromethane	ND< 8.17
1,1-Dichloroethane	ND< 8.17
1,2-Dichloroethane	ND< 8.17
1,1-Dichloroethene	ND< 8.17
cis-1,2-Dichloroethene	ND< 8.17
trans-1,2-Dichloroethene	ND< 8.17
1,2-Dichloropropane	ND< 8.17
cis-1,3-Dichloropropene	ND< 8.17
trans-1,3-Dichloropropene	ND< 8.17
Methylene chloride	ND< 20.4
1,1,2,2-Tetrachloroethane	ND< 8.17
Tetrachloroethene	ND< 8.17
1,1,1-Trichloroethane	ND< 8.17
1,1,2-Trichloroethane	ND< 8.17
Trichloroethene	ND< 8.17
Trichlorofluoromethane	ND< 8.17
Vinyl chloride	ND< 8.17

Aromatics	Results in ug / Kg
Benzene	ND< 8.17
Chlorobenzene	ND< 8.17
Ethylbenzene	ND< 8.17
Toluene	ND< 8.17
m,p-Xylene	ND< 8.17
o-Xylene	ND< 8.17
Styrene	ND< 8.17
1,2-Dichlorobenzene	ND< 8.17
1,3-Dichlorobenzene	ND< 8.17
1,4-Dichlorobenzene	ND< 8.17

Ketones	Results in ug / Kg
Acetone	ND< 40.9
2-Butanone	ND< 20.4
2-Hexanone	ND< 20.4
4-Methyl-2-pentanone	ND< 20.4

Miscellaneous	Results in ug / Kg
Carbon disulfide	ND< 20.4
Vinyl acetate	ND< 20.4

ELAP Number 10958 Method: EPA 826OB Data File: 21488.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature:

Bruce Hoogesteger: Technical Director

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File ID: 041393V1.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges (Additional STARS Compounds)

Client: Day Environmental, Inc.

Client Job Site:	175, 195, 199 Hague St. Rochester, NY	**Lab Project Number:**	04-1393
Client Job Number:	3472S-04	**Lab Sample Number:**	5132
Field Location:	TB-5(0.5')	**Date Sampled:**	05/18/2004
Field ID Number:	3472-003	**Date Received:**	05/20/2004
Sample Type:	Soil	**Date Analyzed:**	05/24/2004

Aromatics	Results in ug / Kg	Aromatics	Results in ug / Kg
n-Butylbenzene	ND< 8.17	1,2,4-Trimethylbenzene	ND< 8.17
sec-Butylbenzene	ND< 8.17	1,3,5-Trimethylbenzene	ND< 8.17
tert-Butylbenzene	ND< 8.17		
n-Propylbenzene	ND< 8.17	**Miscellaneous**	
Isopropylbenzene	ND< 8.17	Methyl tert-butyl Ether	ND< 8.17
p-Isopropyltoluene	ND< 8.17		
Naphthalene	ND< 20.4		

ELAP Number 10958 Method: EPA 8260B Data File: 21488.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature:
Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 041393V1.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: Day Environmental, Inc.

Client Job Site:	175, 195, 199 Hague St. Rochester, NY	**Lab Project Number:**	04-1393
Client Job Number:	3472S-04	**Lab Sample Number:**	5132
Field Location:	TB-5(0.5')	**Date Sampled:**	05/18/2004
Field ID Number:	3472-003	**Date Received:**	05/20/2004
Sample Type:	Soil	**Date Analyzed:**	05/24/2004

Tentatively Identified Compounds	CAS Number	Retention Time	Results in ug / Kg	Percent Fit
1,1,3-trimethyl Cyclohexane	003073-66-3	7.93	206	90
2,n-dimethyl Heptane	N/A	8.09	64.2	N/A
1,n,n'-trimethyl Cyclohexane	N/A	8.17	93.3	N/A
Alkyl Hydrocarbon	N/A	8.30	66.2	N/A
Alkyl Hydrocarbon	N/A	9.06	111	N/A
Unknown Hydrocarbon	N/A	9.15	55.6	N/A
Unknown Alkane	N/A	9.26	132	N/A
Alkyl Hydrocarbon	N/A	9.41	313	N/A
Unknown Hydrocarbon	N/A	9.58	122	N/A
Unknown Alkane	N/A	9.79	59.1	N/A
Alkyl Hydrocarbon	N/A	9.89	159	N/A
Unknown Hydrocarbon	N/A	10.03	61.4	N/A
Unknown Hydrocarbon	N/A	10.40	99.3	N/A
Alkyl Hydrocarbon	N/A	10.51	110	N/A
Alkyl Hydrocarbon	N/A	10.60	103	N/A
Unknown Hydrocarbon	N/A	10.76	121	N/A
Butyl Cyclohexane	001678-93-9	10.86	74.6	80
Alkyl Hydrocarbon	N/A	11.18	82.0	N/A
Alkyl Hydrocarbon	N/A	11.62	63.9	N/A
Unknown Hydrocarbon	N/A	11.76	59.4	N/A

ELAP Number 10958 Method: EPA 8260B Data File: 21488.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
N/A = Not Applicable

Signature:

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: Day Environmental, Inc.

Client Job Site:	175, 195, 199 Hague St. Rochester, NY	**Lab Project Number:**	04-1393
Client Job Number:	3472S-04	**Lab Sample Number:**	5133
Field Location:	TB-8(3.5')	**Date Sampled:**	05/18/2004
Field ID Number:	3472-004	**Date Received:**	05/20/2004
Sample Type:	Soil	**Date Analyzed:**	05/24/2004

Halocarbons	Results in ug / Kg
Bromodichloromethane	ND< 9.05
Bromomethane	ND< 9.05
Bromoform	ND< 9.05
Carbon Tetrachloride	ND< 9.05
Chloroethane	ND< 9.05
Chloromethane	ND< 9.05
2-Chloroethyl vinyl Ether	ND< 9.05
Chloroform	ND< 9.05
Dibromochloromethane	ND< 9.05
1,1-Dichloroethane	ND< 9.05
1,2-Dichloroethane	ND< 9.05
1,1-Dichloroethene	ND< 9.05
cis-1,2-Dichloroethene	ND< 9.05
trans-1,2-Dichloroethene	ND< 9.05
1,2-Dichloropropane	ND< 9.05
cis-1,3-Dichloropropene	ND< 9.05
trans-1,3-Dichloropropene	ND< 9.05
Methylene chloride	ND< 22.6
1,1,2,2-Tetrachloroethane	ND< 9.05
Tetrachloroethene	ND< 9.05
1,1,1-Trichloroethane	ND< 9.05
1,1,2-Trichloroethane	ND< 9.05
Trichloroethene	73.5
Trichlorofluoromethane	ND< 9.05
Vinyl chloride	ND< 9.05

Aromatics	Results in ug / Kg
Benzene	ND< 9.05
Chlorobenzene	ND< 9.05
Ethylbenzene	ND< 9.05
Toluene	ND< 9.05
m,p-Xylene	ND< 9.05
o-Xylene	ND< 9.05
Styrene	ND< 9.05
1,2-Dichlorobenzene	ND< 9.05
1,3-Dichlorobenzene	ND< 9.05
1,4-Dichlorobenzene	ND< 9.05

Ketones	Results in ug / Kg
Acetone	ND< 45.2
2-Butanone	ND< 22.6
2-Hexanone	ND< 22.6
4-Methyl-2-pentanone	ND< 22.6

Miscellaneous	Results in ug / Kg
Carbon disulfide	ND< 22.6
Vinyl acetate	ND< 22.6

ELAP Number 10958 Method: EPA 8260B Data File: 21489.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature:

Bruce Hoogesteger: Technical Director

This report is part of a multipage document and should only be evaluated in its entirety. Chain of Custody provides additional sample information, including compliance with sample condition requirements upon receipt.

File ID: 041393V2.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges (Additional STARS Compounds)

Client: Day Environmental, Inc.

Client Job Site:	175, 195, 199 Hague St. Rochester, NY	**Lab Project Number:**	04-1393
Client Job Number:	3472S-04	**Lab Sample Number:**	5133
Field Location:	TB-8(3.5')	**Date Sampled:**	05/18/2004
Field ID Number:	3472-004	**Date Received:**	05/20/2004
Sample Type:	Soil	**Date Analyzed:**	05/24/2004

Aromatics	Results in ug / Kg	Aromatics	Results in ug / Kg
n-Butylbenzene	ND< 9.05	1,2,4-Trimethylbenzene	ND< 9.05
sec-Butylbenzene	ND< 9.05	1,3,5-Trimethylbenzene	ND< 9.05
tert-Butylbenzene	ND< 9.05		
n-Propylbenzene	ND< 9.05	**Miscellaneous**	
Isopropylbenzene	ND< 9.05	Methyl tert-butyl Ether	ND< 9.05
p-Isopropyltoluene	ND< 9.05		
Naphthalene	ND< 22.6		

ELAP Number 10958 Method: EPA 8260B Data File: 21489.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature:

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 041393V2.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: Day Environmental, Inc.

Client Job Site:	175, 195, 199 Hague St. Rochester, NY	**Lab Project Number:**	04-1393
Client Job Number:	3472S-04	**Lab Sample Number:**	5133
Field Location:	TB-8(3.5')	**Date Sampled:**	05/18/2004
Field ID Number:	3472-004	**Date Received:**	05/20/2004
Sample Type:	Soil	**Date Analyzed:**	05/24/2004

Tentatively Identified Compounds	CAS Number	Retention Time	Results in ug / Kg	Percent Fit
None to report	N/A	N/A	ND< 9.05	N/A

ELAP Number 10958 Method: EPA 8260B Data File: 21489.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
N/A = Not Applicable

Signature:
Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 041393V5.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: Day Environmental, Inc.

Client Job Site:	175, 195, 199 Hague St. Rochester, NY	**Lab Project Number:**	04-1393
Client Job Number:	3472S-04	**Lab Sample Number:**	5134
Field Location:	TB-10(7.5')	**Date Sampled:**	05/18/2004
Field ID Number:	3472-005	**Date Received:**	05/20/2004
Sample Type:	Soil	**Date Analyzed:**	05/24/2004

Halocarbons	Results in ug / Kg
Bromodichloromethane	ND< 7.59
Bromomethane	ND< 7.59
Bromoform	ND< 7.59
Carbon Tetrachloride	ND< 7.59
Chloroethane	ND< 7.59
Chloromethane	ND< 7.59
2-Chloroethyl vinyl Ether	ND< 7.59
Chloroform	ND< 7.59
Dibromochloromethane	ND< 7.59
1,1-Dichloroethane	ND< 7.59
1,2-Dichloroethane	ND< 7.59
1,1-Dichloroethene	ND< 7.59
cis-1,2-Dichloroethene	ND< 7.59
trans-1,2-Dichloroethene	ND< 7.59
1,2-Dichloropropane	ND< 7.59
cis-1,3-Dichloropropene	ND< 7.59
trans-1,3-Dichloropropene	ND< 7.59
Methylene chloride	ND< 19.0
1,1,2,2-Tetrachloroethane	ND< 7.59
Tetrachloroethene	ND< 7.59
1,1,1-Trichloroethane	ND< 7.59
1,1,2-Trichloroethane	ND< 7.59
Trichloroethene	ND< 7.59
Trichlorofluoromethane	ND< 7.59
Vinyl chloride	ND< 7.59

Aromatics	Results in ug / Kg
Benzene	ND< 7.59
Chlorobenzene	ND< 7.59
Ethylbenzene	ND< 7.59
Toluene	ND< 7.59
m,p-Xylene	ND< 7.59
o-Xylene	ND< 7.59
Styrene	ND< 7.59
1,2-Dichlorobenzene	ND< 7.59
1,3-Dichlorobenzene	ND< 7.59
1,4-Dichlorobenzene	ND< 7.59

Ketones	Results in ug / Kg
Acetone	ND< 38.0
2-Butanone	ND< 19.0
2-Hexanone	ND< 19.0
4-Methyl-2-pentanone	ND< 19.0

Miscellaneous	Results in ug / Kg
Carbon disulfide	ND< 19.0
Vinyl acetate	ND< 19.0

ELAP Number 10958 Method: EPA 8260B Data File: 21490.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature:

Bruce Hoogesteger: Technical Director

This report is part of a multipage document and should only be evaluated in its entirety. Chain of Custody provides additional sample information, including compliance with sample condition requirements upon receipt.

File ID: 041393V3.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges (Additional STARS Compounds)

Client: Day Environmental, Inc.

Client Job Site:	175, 195, 199 Hague St. Rochester, NY	**Lab Project Number:**	04-1393
Client Job Number:	3472S-04	**Lab Sample Number:**	5134
Field Location:	TB-10(7.5')	**Date Sampled:**	05/18/2004
Field ID Number:	3472-005	**Date Received:**	05/20/2004
Sample Type:	Soil	**Date Analyzed:**	05/24/2004

Aromatics	Results in ug / Kg	Aromatics	Results in ug / Kg
n-Butylbenzene	ND< 7.59	1,2,4-Trimethylbenzene	ND< 7.59
sec-Butylbenzene	ND< 7.59	1,3,5-Trimethylbenzene	ND< 7.59
tert-Butylbenzene	ND< 7.59		
n-Propylbenzene	ND< 7.59	**Miscellaneous**	
Isopropylbenzene	ND< 7.59	Methyl tert-butyl Ether	ND< 7.59
p-Isopropyltoluene	ND< 7.59		
Naphthalene	ND< 19.0		

ELAP Number 10958 Method: EPA 8260B Data File: 21490.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature:

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 041393V3.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: Day Environmental, Inc.

Client Job Site:	175, 195, 199 Hague St. Rochester, NY	**Lab Project Number:**	04-1393
Client Job Number:	3472S-04	**Lab Sample Number:**	5134
Field Location:	TB-10(7.5')	**Date Sampled:**	05/18/2004
Field ID Number:	3472-005	**Date Received:**	05/20/2004
Sample Type:	Soil	**Date Analyzed:**	05/24/2004

Tentatively Identified Compounds	CAS Number	Retention Time	Results in ug / Kg	Percent Fit
None to report	N/A	N/A	ND< 7.59	N/A

ELAP Number 10958 Method: EPA 8260B Data File: 21490.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
N/A = Not Applicable

Signature:

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(585) 647-2530 * (800) 724-1997
FAX: (585) 647-3311

CHAIN OF CUSTODY

REPORT TO:
COMPANY: DAY ENVIRONMENTAL INC
ADDRESS: 40 Commercial Street
CITY: Rochester STATE: NY ZIP: 14614
PHONE: 454 0210 FAX: 454 0825
ATTN: JAY SCHERER
COMMENTS:

INVOICE TO:
COMPANY:
ADDRESS: SAME
CITY: STATE: ZIP:
PHONE: FAX:
ATTN:

LAB PROJECT #: 04-1393
CLIENT PROJECT #: 34725-04

TURNAROUND TIME: (WORKING DAYS) 1 2 3 STD [X] 5 OTHER

PROJECT NAME/SITE NAME: 175 195 199 HAGUE ST. ROCHESTER, NY

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	TCL STARS 8260 VOCs + 20 TICs	STARS 8270 SVOC + 20 TICs	RCRA Metals	TPH 310.13	TCL 8270 SVOC BNA	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	5/18/04	0950		X	3472-003 / TB-5 (0.5')	Soil	1	X			X			5132
2	5/18/04	1202		X	3472-004 / TB-8 (3.5')	Soil	1	X	X		X			5133
3	5/18/04	1330		X	3472-005 / TB-10 (7.5')	Soil	1	X						5134
4	5/18/04	1515		X	3472-006 / TB-12 (0.5')	Soil	1			X		X		5135
5	5/19/04	1135		X	3472-007 / TB-17 (1.0')	Soil	1		X	X				5136
6	5/19/04	1340		X	3472-008 / TB-19 (3.0')	Soil	1		X	X				5137
7	5/11/04	1032		X	3472-009 / D-1	Soil	2				X		only TPH 310.13	5138
8														
9														
10														

LAB USE ONLY

SAMPLE CONDITION: Check box if acceptable or note deviation:
CONTAINER TYPE: [✓] PRESERVATIONS: [✓] HOLDING TIME: [✓] TEMPERATURE: [✓] 5°

Sampled By: [signature] Date/Time: 5/20/04 11:00
Relinquished By: [signature] Date/Time: 5/20/04 1415
Received By: [signature] Date/Time: 5/20/04 1415
Relinquished By: Date/Time:
Received By: Date/Time:
Received @ Lab By: Kelly Cranshall 5/20/04 Date/Time: 15:54

Total Cost:

P.I.F.

PARADIGM
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue Rochester, New York 585-647-2530 FAX 585-647-3311

PLM BULK ASBESTOS REPORT

Client: Day Environmental, Inc.
Location: 175, 195, & 199 Hague Street
Rochester, New York
Sample Date: 5/24/2004
Reissued Date: 5/26/2004

Job No: 5116-04
Page: 1 of 1

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	TEM	Non-Asbestos Fibers Type & Percentage	Matrix Material %
1	31203	A-1/Basement Boiler Insulation	Gray Fibrous Insulation	Chrysotile 80%	80%		None Detected	20%
2	31204	A-2/Basement Mud Pack	Gray Fibrous Insulation	Chrysotile 80%	80%		None Detected	20%
3	31205	A-3/First Floor 3" Aircell Pipe Wrap	Gray Fibrous Insulation	Chrysotile 80%	80%		None Detected	20%
4	31206	A-4/First Floor 1.5" Aircell Pipe Wrap	Gray Fibrous Insulation	Chrysotile 80%	80%		None Detected	20%
5	31207	A-5/Basement 3" Aircell Pipe Wrap	Gray Fibrous Insulation	Chrysotile 80%	80%		None Detected	20%

NVLAP Lab Code 200530-0

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for identifying and quantifying asbestos in bulk samples").

Date Analyzed: 5/25/2004
Microscope: Olympus BH-2 #232953
Analyst: *J. Peter Donato*

Laboratory Results Approved By:
Asbestos Technical Director
Mary Dohr

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File ID: 5116-04.xls

5/26/2004

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(585) 647-2530 * (800) 724-1997
FAX: (585) 647-3311

CHAIN OF CUSTODY

REPORT TO:
COMPANY: Day Environmental, Inc.
ADDRESS: 40 Commercial St.
CITY: Rochester STATE: NY ZIP: 14614
PHONE: 454-0210 FAX: 454-0825
ATTN: Jay Scherer

INVOICE TO:
COMPANY:
ADDRESS: SAME
CITY: STATE: ZIP:
PHONE: FAX:
ATTN:

LAB PROJECT #: 5116.04
CLIENT PROJECT #: 34725.04

PROJECT NAME/SITE NAME: 175, 195 + 199 Hague St Rochester, New York

COMMENTS: B = Building Material

TURNAROUND TIME: (WORKING DAYS)
☐ 1 ☐ 2 ☐ 3 ☒ STD 5 ☐ OTHER

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	PLM Asbestos	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	5/24/04			X	A-1 / Basement Boiler Insulation	B	1	X		31205
2	5/24/04			X	A-2 / Basement Mudpack	B	1	X		31204
3	5/24/04			X	A-3 / 1st Floor 3" Aircell Pipewrap	B	1	X		31205
4	5/24/04			X	A-4 / 1st Floor 1.5" Aircell Pipewrap	B	1	X		31206
5	5/24/04			X	A-5 / Basmnt 3" Aircell Pipewrap	B	1	X		31207
6									PWD EE	~~31208~~
7									↓	~~31209~~
8										~~31210~~
9										
10										

****LAB USE ONLY****

SAMPLE CONDITION: Check box if acceptable or note deviation: CONTAINER TYPE: ☐ PRESERVATIONS: ☐ HOLDING TIME: ☐ TEMPERATURE: ☐ 5.26.04

Sampled By: [signature] Date/Time: 5/24/04 @ 1400

Relinquished By: [signature] Date/Time: 5/24/04 @ 1420

Received By: [signature] Date/Time: 5/24/04 @ 1420

Relinquished By: [signature] Date/Time: 5/24/04 1450

Received By: [signature] Date/Time: 5/24/04 1450

Received @ Lab By: [signature] Date/Time: 5/25/04

Total Cost:

P.I.F.

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: Day Environmental

Client Job Site:	175, 195, 199 Hague St. Rochester, NY	**Lab Project Number:**	04-1424
Client Job Number:	34725-04	**Lab Sample Number:**	5244
Field Location:	3472-010	**Date Sampled:**	05/24/2004
Field ID Number:	D-4	**Date Received:**	05/24/2004
Sample Type:	Sludge	**Date Analyzed:**	06/01/2004

Halocarbons	Results in ug / Kg
Bromodichloromethane	ND< 27,600
Bromomethane	ND< 27,600
Bromoform	ND< 27,600
Carbon Tetrachloride	ND< 27,600
Chloroethane	ND< 27,600
Chloromethane	ND< 27,600
2-Chloroethyl vinyl Ether	ND< 27,600
Chloroform	ND< 27,600
Dibromochloromethane	ND< 27,600
1,1-Dichloroethane	ND< 27,600
1,2-Dichloroethane	ND< 27,600
1,1-Dichloroethene	ND< 27,600
cis-1,2-Dichloroethene	ND< 27,600
trans-1,2-Dichloroethene	ND< 27,600
1,2-Dichloropropane	ND< 27,600
cis-1,3-Dichloropropene	ND< 27,600
trans-1,3-Dichloropropene	ND< 27,600
Methylene chloride	ND< 69,100
1,1,2,2-Tetrachloroethane	ND< 27,600
Tetrachloroethene	ND< 27,600
1,1,1-Trichloroethane	ND< 27,600
1,1,2-Trichloroethane	ND< 27,600
Trichloroethene	ND< 27,600
Trichlorofluoromethane	ND< 27,600
Vinyl chloride	ND< 27,600

Aromatics	Results in ug / Kg
Benzene	ND< 27,600
Chlorobenzene	ND< 27,600
Ethylbenzene	470,000
Toluene	82,700
m,p-Xylene	1,640,000
o-Xylene	498,000
Styrene	ND< 27,600
1,2-Dichlorobenzene	ND< 27,600
1,3-Dichlorobenzene	ND< 27,600
1,4-Dichlorobenzene	ND< 27,600

Ketones	Results in ug / Kg
Acetone	ND< 138,000
2-Butanone	ND< 69,100
2-Hexanone	ND< 69,100
4-Methyl-2-pentanone	ND< 69,100

Miscellaneous	Results in ug / Kg
Carbon disulfide	237,000
Vinyl acetate	ND< 69,100

ELAP Number 10958 Method: EPA 8260B Data File: 21603.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature:

Bruce Hoogesteger: Technical Director

This report is part of a multipage document and should only be evaluated in its entirety. Chain of Custody provides additional sample information, including compliance with sample condition requirements upon receipt.

File ID: 041424V1.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges (Additional STARS Compounds)

Client: Day Environmental

Client Job Site: 175, 195, 199 Hague St.
Client Job Number: 34725-04
Field Location: 3472-010
Field ID Number: D-4
Sample Type: Sludge

Lab Project Number: 04-1424
Lab Sample Number: 5244

Date Sampled: 05/24/2004
Date Received: 05/24/2004
Date Analyzed: 06/01/2004

Aromatics	Results in ug / Kg	Aromatics	Results in ug / Kg
n-Butylbenzene	ND< 27,600	1,2,4-Trimethylbenzene	ND< 27,600
sec-Butylbenzene	ND< 27,600	1,3,5-Trimethylbenzene	ND< 27,600
tert-Butylbenzene	ND< 27,600		
n-Propylbenzene	ND< 27,600	**Miscellaneous**	
Isopropylbenzene	ND< 27,600	Methyl tert-butyl Ether	ND< 27,600
p-Isopropyltoluene	ND< 27,600		
Naphthalene	ND< 69,100		

ELAP Number 10958 Method: EPA 8260B Data File: 21603.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature:

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: Day Environmental

Client Job Site:	175, 195, 199 Hague St, Rochester, NY	**Lab Project Number:**	04-1424
Client Job Number:	34725-04	**Lab Sample Number:**	5244
Field Location:	3472-010		
Field ID Number:	D-4	**Date Sampled:**	05/24/2004
Sample Type:	Soil	**Date Received:**	05/24/2004
		Date Analyzed:	06/01/2004

Tentatively Identified Compounds	CAS Number	Retention Time	Results in ug / Kg	Percent Fit
None Found	N/A	NA	ND< 27,600	N/A

ELAP Number 10958 Method: EPA 8260B Data File: 21603.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
N/A = Not Applicable

Signature:

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(585) 647-2530 * (800) 724-1997
FAX: (585) 647-3311

CHAIN OF CUSTODY

REPORT TO:
COMPANY: DAY ENVIRONMENTAL INC
ADDRESS: 40 Commercial Street
CITY: Rochester STATE: NY ZIP: 14614
PHONE: (585) 454-0210 FAX: (585) 454 0823
ATTN: JAY SCHERER
COMMENTS:

INVOICE TO:
COMPANY:
ADDRESS: SAME
CITY: STATE: ZIP:
PHONE: FAX:
ATTN:

LAB PROJECT #: 04-1424
CLIENT PROJECT #: 34725-04

TURNAROUND TIME: (WORKING DAYS)
1 2 3 STD [X] 5 OTHER

PROJECT NAME/SITE NAME: 175, 195, 199 Hague St, Rochester, NY

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	TCL STARS 8260 VOCs + 20 TICS										REMARKS	PARADIGM LAB SAMPLE NUMBER
1	5/24/04	1330		X	3472-010/0-4	sludge	3	X											5244
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			

LAB USE ONLY

SAMPLE CONDITION: Check box if acceptable or note deviation:
CONTAINER TYPE: [✓] PRESERVATIONS: [✓] HOLDING TIME: [✓] TEMPERATURE: [ ] 22°

Sampled By: [signature] Date/Time: 5/24/04 1430
Relinquished By: [signature] Date/Time: 5/24/04 1450
Received By: [signature] Date/Time: 5/24/04 1450

Relinquished By: Date/Time:
Received By: Date/Time:
Received @ Lab By: Kelly Crandall Date/Time: 5/24/04 1537

Total Cost:
P.I.F.

PARADIGM
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: Day Environmental, Inc.

Client Job Site: 175,195,199 Hague Street

Client Job No.: 3472S-04

Field Location: 3472S-002/TP-2(1.5')
Field ID No.: N/A

Lab Project No.: 04-1344
Lab Sample No.: 5020

Sample Type: Solid

Date Sampled: 05/13/2004
Date Received: 05/14/2004

Laboratory Report for Solid Waste Analysis

Parameter	Date Analyzed	Analytical Method	Result (mg/kg)
Arsenic	05/19/2004	SW846 6010	19.9
Barium	05/19/2004	SW846 6010	184
Cadmium	05/19/2004	SW846 6010	4.14
Chromium	05/19/2004	SW846 6010	13.2
Lead	05/19/2004	SW846 6010	401
Mercury	05/19/2004	SW846 7471	0.588
Selenium	05/19/2004	SW846 6010	3.34
Silver	05/19/2004	SW846 6010	9.77

ELAP ID No.:10958

Comments:

Approved By: _____
Bruce Hoogesteger, Technical Director

This report is part of a multipage document and should only be evaluated in its entirety. Chain of Custody provides additional sample information, including compliance with sample condition requirements upon receipt.

File ID:041344.xls

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(585) 647-2530 * (800) 724-1997
FAX: (585) 647-3311

CHAIN OF CUSTODY

REPORT TO:
COMPANY: Day Environmental, Inc
ADDRESS: 40 Commercial Street
CITY: Rochester STATE: NY ZIP: 14614
PHONE: 585 454 0210 FAX: 585 454 0825
ATTN: Jay Scherer
COMMENTS:

INVOICE TO:
COMPANY: SAME
ADDRESS:
CITY: STATE: ZIP:
PHONE: FAX:
ATTN:

LAB PROJECT #: 04-13414
CLIENT PROJECT #: 34725-64

PROJECT NAME/SITE NAME: 175, 195, 199 Hague Street

TURNAROUND TIME: (WORKING DAYS)
☐ 1 ☐ 2 ☐ 3 ☒ STD 5 ☐ OTHE

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	RCRA Metals									REMARKS	PARADIGM LAB SAMPLE NUMBER
1	5/13/04	1628		X	34725-602 / TP-2 (1.5')	Soil	1	X										5 0 2 0
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		

****LAB USE ONLY****

SAMPLE CONDITION: Check box if acceptable or note deviation:
CONTAINER TYPE: ✓ PRESERVATIONS: ✓ HOLDING TIME: ✓ TEMPERATURE: ☐ 20°

Sampled By: [signature] Date/Time: 5/14/04 1352
Relinquished By: [signature] Date/Time: 5/14/04 1530
Received By: [signature] Date/Time: 5/14/04 1530

Relinquished By: [signature] Date/Time: 5/14/04 13:53
Received By: Date/Time:
Received @ Lab By: Kelly Crandall 5/14/04 Date/Time: 1645

Total Cost:
P.I.F.

APPENDIX D

TABLES

TABLE 1

175, 195 & 199 HAGUE STREET
ROCHESTER, NEW YORK

SUMMARY OF DETECTED VOCs IN FLOOR DRAIN D-4
MICROGRAMS PER KILOGRAM (µg/Kg), PARTS PER BILLION (ppb)

DRAIN SAMPLES (Collected May 24, 2004)

DETECTED VOCs (concentrations in µg/kg)	SAMPLE AND LOCATION 3472-010 D-4 5/24/04
TCL/STARS VOCs	
Ethylbenzene	470,000
Toluene	82,700
m,p-Xylene	1,640,000
o-Xylene	498,000
Carbon Disulfide	237,000
Total TCL/STARS VOCs	2,927,700
Total VOC TICs	ND
TOTAL TCL/STARS VOCs & TICs	2,927,700

VOC = Volatile Organic Compound
TICs = Tentatively Identified Compounds
TCL = Target Compound List
STARS = Spill Technology and Remedation Series
ND = Not detected above the laboratory minimum detection limt

TABLE 2

175, 195 & 199 HAGUE STREET
ROCHESTER, NEW YORK

SUMMARY OF DETECTED VOCS IN SOIL/FILL SAMPLES
IN MICROGRAMS PER KILOGRAM (µg/Kg), PARTS PER BILLION (ppb)

SOIL SAMPLES (Collected May 18 and 19, 2004)

DETECTED VOCS	SAMPLE AND LOCATION			NYSDEC TAGM 4046 RECOMMENDED SOIL CLEANUP OBJECTIVE (PPB)[1]
	3472-003 TB-5 (0.5') 5/18/04	3472-004 TB-8 (3.5') 5/18/04	3472-005 TB-10 (7.5') 5/18/04	
TCL/STARS VOCs				
Trichloroethene	ND	73.5	ND	700
Total VOC TICs	2,156.0	ND	ND	N/A
TOTAL TCL/STARS VOCs & TICs	2,156.0	0	ND	≤ 10,000

VOC = Volatile Organic Compound
TICs = Tentatively Identified Compounds
TCL = Target Compound List
STARS = Spill Technology and Remedation Series
ND = Not detected above the laboratory detection limt
N/A = No Standard applicable
(1) = Recommended soil cleanup objectives as referenced in January 24, 1994, NYSDEC Technical and Administrative Guidance Memorandum: Determination of Soil Cleanup Objectives and Cleanup Levels (TAGM 4046) and addendum tables dated August 2001.

TABLE 3

175, 195 & 199 HAGUE STREET
ROCHESTER, NEW YORK

SUMMARY OF RCRA METALS IN SOIL/FILL SAMPLES
IN MILLIGRAMS PER KILOGRAM (mg/Kg), PARTS PER MILLION (ppm)

SOIL SAMPLES (Collected May 13, 18 & 19, 2004)

RCRA METALS	SAMPLE AND LOCATION				NYSDEC TAGM 4046 TYPICAL BACKGROUND RANGES (PPM) [1]	NYSDEC TAGM 4046 RECOMMENDED SOIL CLEANUP OBJECTIVE (PPM)[1]
	3472-002 TP-2 (1.5') 5/13/04	3472-006 TB-12 (0.5') 5/18/04	3472-007 TB-17 (1.0') 5/19/04	3472-008 TB-19 (3.0') 5/19/04		
Arsenic	**19.9**	1.84	8.01	2.54	3-12	7.5 or SB
Barium	184	25.9	88.5	33.0	15-600	300 or SB
Cadmium	4.14	0.760	1.5	0.659	0-1.1	1 or SB (10)[2]
Chromium	13.2	5.31	12.1	5.27	1.5-40	10 or SB (50)[3]
Lead	401	6.07	36.5	2.92	200-500	SB
Mercury	**0.588**	ND	**0.3549**	ND	0.001-0.2	0.1
Selenium	3.34	1.51	3.6	2.54	0.1-3.9	2 or SB
Silver	**9.77**	ND	ND	ND	NA	SB

-- = Analysis not run on sample

RCRA = Resource Conservation and Recovery Act

ND = Not detected above the laboratory detection limt

N/A = No Standard applicable

SB = Site Background

(1) = Recommended soil cleanup objectives (RSCO) and background ranges as referenced in January 24, 1994, NYSDEC Technical and Administrative Guidance Memorandum: Determination of Soil Cleanup Objectives and Cleanup Levels (TAGM 4046) and tables updated in August 2001.

(2) = 1995 TAGM 4046 "proposed" RSCO for Cadmium of 10 ppm

(3) = 1995 TAGM 4046 "proposed" RSCO for Chromium of 50 ppm

0.588 = Exceeds RSCO, proposed RSCO and typical background range

Patch 2

PHASE I ENVIRONMENTAL SITE ASSESSMENT
CONFIRMATIONAL STUDY
175, 195 & 199 HAGUE STREET
ROCHESTER, NEW YORK

Prepared by: Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614

Prepared for: City of Rochester
30 Church Street
Rochester, New York 14614

Project Number: 3472S-04

Date: August 2004

TABLE OF CONTENTS

1.0 INTRODUCTION 1
- 1.1 Background 1
- 1.2 Scope of Work 2

2.0 FIELDWORK AND ANALYTICAL LABORATORY TESTING 3
- 2.1 Drain/Washbasin Evaluation 3
- 2.2 Magnetic Locator Survey 4
- 2.3 Test Pits 4
- 2.4 Test Borings 5
- 2.5 Analytical Laboratory Testing Program 5
- 2.6 Suspect Asbestos Containing Material 6

3.0 FINDINGS 7
- 3.1 Drain/Washbasin Evaluation 7
- 3.2 Pipe Evaluation and Magnetic Locator Survey Results 8
- 3.3 Test Pit Evaluation 8
- 3.4 Test Borings 9
- 3.5 Analytical Laboratory Results 9
- 3.6 Asbestos Evaluation 10

4.0 CONCLUSIONS AND RECOMMENDATIONS 11

5.0 ABBREVIATIONS 12

Appendices:

Appendix A **Figures**
- Figure 1 Project Locus Map
- Figure 2 Site Plan

Appendix B Test Pit Logs and Test Boring Logs

Appendix C Analytical Laboratory Reports and Chain-of-Custody Documentation

Appendix D **Tables**
- Table 1 Summary of Detected VOCs in Floor Drain D-4
- Table 2 Summary of Detected VOCs in Soil/Fill Samples
- Table 3 Summary of RCRA Metals in Soil/Fill Samples

1.0 INTRODUCTION

Day Environmental, Inc. (DAY) was retained by the City of Rochester (City) to undertake various environmental studies at 175, 195 & 199 Hague Street, Rochester, New York (Site) under the Brownfield Assistance Program (BAP). A Project Locus Map is included as Figure 1 in Appendix A. The BAP applicants for this Site are Richard and Alfred Serafini.

1.1 Background

The site is approximately 1.26 acres and approximately 90 percent of the site is developed. The Site is developed with an approximate 33,144-square foot one-story industrial building with two partial basements, and an approximate 1,710-square foot one-story residential building with a basement, and a one-story slab on grade garage. The residential building and associated garage were not included in the Phase I ESA. The area to the north and east of the industrial building is a paved asphalt lot. An undeveloped grass area is located south of the industrial building. Since 1915, the Site has been used as a machine manufacturer, a tool and die facility, a commercial printing operation, and potentially a scrap metal company.

DAY completed a Phase I environmental site assessment (Phase I ESA) at the Site and the Phase I ESA report (DAY File no. 3292E-04) dated March 8, 2004 identified the following recognized environmental conditions (RECs):

REC# 1 Historic Use of the Site: Historically, the Site has been used for various industrial/commercial purposes with the potential of resulting in environmental impact. There have been past complaints/violations regarding storage practices of solvents, combustible wastes, etc. associated with operations at the Site.

It was reported that silk screens used by the current printing operation are washed within the facility and that the waste fluids from this process are discharged into a drain located in a loading dock in the southeastern portion of the industrial building (i.e., designated herein as floor drain D-4). The ultimate discharge of this drain is not specifically known. In addition, waste fluids have reportedly been discharged into a washbasin in the commercial printing portion of the industrial building. It is suspected this washbasin ultimately discharges into the sanitary sewer system. Three other drains (i.e., designated herein as floor drains D-1 through D-3) located in other loading dock areas were also identified as RECs since their discharge locations were unknown at the time of the Phase I ESA.

REC# 2 Potential Underground Storage Tanks (USTs): At the time of the Phase I ESA site visit, a boiler was observed in the basement of the original portion of the industrial building and it is possible that the boiler may have been fueled with fuel oil at one time. A fuel tank was not observed; however, two sets of pipes were observed in the basement in the area of the boiler. The purpose of these pipes is unknown.

An approximate 2-inch diameter pipe was observed on the eastern exterior wall of the industrial building near the loading docks. The purpose of this pipe is unknown but it could have been associated with an UST.

An approximately 1-inch diameter pipe was observed near the southwestern exterior corner of the industrial building. The purpose of this pipe has not been determined; however, it is possible that this pipe could have been associated with an UST.

In addition to the RECs listed above, a note in the Phase I ESA indicated the presence of suspected asbestos containing material (SACM). Specifically, note #2 of the Phase I ESA report identified this as damaged pipe insulation on the first floor and basement of the unoccupied portion of the industrial building, and damaged boiler thermal system insulation on the boiler located in the basement of the unoccupied portion of the industrial building. The BAP Applicant requested that this Phase I ESA Confirmational Study include sampling and testing to determine if these materials are asbestos-containing materials (ACM).

1.2 Scope of Work

To evaluate the identified RECs and SACM, DAY performed the following services under the City's BAP:

- Conducted a magnetic locator survey in areas of the Site;
- conducted dye testing in drains located in the four loading dock areas;
- retained a plumber to snake the floor drains and evaluate the discharge location(s) of the floor drains in which dye testing was inconclusive;
- retained a subcontractor to advance test pits using a mini-excavator;
- retained a subcontractor to advance test borings using direct-push drilling equipment;
- observed the test pits and test borings completed to prepare a description of the subsurface materials encountered;
- screened the ambient air space above selected soil samples collected from the test pits and test borings using a photoionization detector (PID);
- collected samples for analytical laboratory testing from test pits, test borings, floor drains and SACM;
- field located test pit, test boring, floor drain locations; and
- evaluated the data collected and prepared this report summarizing the findings and conclusions.

2.0 FIELDWORK AND ANALYTICAL LABORATORY TESTING

This section presents the fieldwork and analytical laboratory testing completed as part of this study.

2.1 Drain/Washbasin Evaluation

On May 11, 2004, DAY collected samples of the accumulated sludge/sediment from the floor drains in the loading dock areas for analytical laboratory testing. Specifically, a sediment/sludge sample (designated 3472-009/D-1) was collected from floor drain D-1 due to the presence of a petroleum odor and sheen and two sediment/sludge samples (designated as 3472-001/D-4 and 3472-010/D-4) were collected from floor drain D-4 in order to determine its composition and characterize the material for subsequent off-site disposal, if necessary (the locations of these floor drains are depicted on Figure 2 included in Appendix A).

Sample 3472-009/D-1 was analyzed at Paradigm Environmental Services, Inc. (Paradigm), a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified analytical laboratory for Total Petroleum Hydrocarbons (TPH) using NYSDOH Method 310.13.

Sample 3472-001/D-4 was analyzed at Paradigm for:

- Toxicity Characteristic Leaching Procedure (TCLP) for volatile organic compounds (VOCs) using United State Environmental Protection Agency (USEPA) Method 1311 and 8260B;
- TCLP for semi-volatile organic compounds (SVOCs) using USEPA Method 1311;
- TCLP for metals using USEPA Methods 6010B and 7470A;
- Ignitability using USEPA Method SW 846, 1010;
- Reactivity using USEPA Method SW 846, 7.3; and
- Corrosivity using USEPA Method 9045C.

Sample 3472-010/D-4 was analyzed at Paradigm for USEPA target compound list (TCL) and NYSDEC Spill Technology and Remediation Series (STARS)-list VOCs, plus up to 20 tentatively identified compounds (TICs) using USEPA Method 8260B;

Following the collection of the sludge samples, dye tests were attempted within floor drains D-1 through D-4. [Note: a dye test was not done in the washbasin in the southeastern loading dock area of the building because no piping was observed to exit the washbasin. Rather, it appeared that water in the washbasin was allowed to drain onto the floor via a drain plug and ultimately discharged to the floor drain D-4.] The dye testing consisted of dissolving red biodegradable dye tablets in water, placing this mixture was added to the drains, flushing the drains with water for 20 minutes and observing discharge locations for dye.

It was expected that floor drains D1, D-2 and D3 were connected to the City's combined stormwater/sanitary system on Elser Terrace. The nearest access point to this combined stormwater/sanitary system was approximately ¼-mile downstream of the Site on Maple Avenue. It was expected that D-4 connected to the City's combined stormwater/sanitary sewer on Hague Street. A manhole located approximately 200 feet from the Site was the access point nearest to D-4. The expected discharge locations were checked for floor drains D-1 and D-2. The floor drains were open and flowing, however, no evidence of dye was observed within the access point on Maple Avenue. Floor drain D-3 was clogged and could not be evaluated with the dye test. Approximately 20 minutes after dye was added to floor drain D-4, a red tint was observed in the access point on Hague Street.

On July 20, 2004, DAY retained Pollisini, a professional plumber, to evaluate the discharge locations of floor drains D-1, D-2 and D-3 in which the dye tests were inconclusive. An attempt to perform a video survey was made, however, the equipment was not operating properly. A mechanical snake was then inserted into these drains in an attempt to identify their discharge location(s). An 8-inch clean-out cap was removed from the main line in the building (i.e., the cleanout for lines exiting the Site and entering the stormwater/sanitary system on Elser Terrace) and a DAY representative listened at the cleanout location. When the snake was advanced within drains D-1, D-2 and D-3, a scraping sound was detected in the 8-inch cleanout.

2.2 Magnetic Locator Survey

On May 11, 2004, a Schonstedt Model MAC51BX pipe and cable locator was used to evaluate unknown pipes identified in the Phase I ESA. The cable locator was connected to the pipe ends sending current down the pipe. The current was then tracked on the surface with the magnetic locator. The ground surface around the perimeter of the building was also screened with the magnetic locator, where accessible. For this survey, the pipe locator was used as a metal detector.

2.3 Test Pits

DAY retained Arrow Construction, Inc. (Arrow) to provide a Kobelco SK027 excavator and operator to excavate two test pits in order to evaluate the potential presence of USTs on the Site. On May 13, 2004, test pits were excavated to depths up to the reach of the equipment (6-7 feet). The test pits were excavated in the following locations (refer to Figure 2 in Appendix A):

- The southwestern corner of the property in proximity to the two unknown pipes (i.e., test pit TP-1); and
- The south wall where the magnetic locator survey detected anomalies in proximity to two pipes exiting the building in this area (i.e., test pit TP-2).

A DAY representative was present during the test pit excavation work to monitor and document subsurface conditions. The monitoring included field observations (i.e., visual observations, odors, etc.) of excavated and in-situ material as well as screening materials with a PID for evidence of VOC impacts. The findings were recorded and summarized on the test pit logs included in Appendix B.

2.4 Test Borings

DAY retained SLC Environmental Services, Inc. (SLC) to provide a 54LT track-mounted direct-push drill rig and operator to advance 20 test borings at interior and exterior locations on the Site (refer to Figure 2 in Appendix A). These test borings were advanced on May 18 and 19, 2004 and continuous samples were collected in 2-foot intervals until the equipment encountered refusal (ranging between 5.2 feet and 11.6 feet below the ground surface). A DAY representative observed the soil samples, collected and screened the selected samples with a PID. Subsurface conditions encountered in each test boring are summarized on the test boring logs included as Appendix B.

2.5 Analytical Laboratory Testing Program

Selected samples of soil/fill that were collected during the test pit/test boring work were submitted under chain-of-custody control to Paradigm for laboratory analysis. The samples, their corresponding locations and the test parameters are presented below:

- Sample 3472-002 from TP-2 (1.5') was analyzed for Resource Conservation and Recovery Act (RCRA) metals using USEPA Methods 6010 and 7471.
- Sample 3472-003 from TB-5 (0.5') was analyzed for TCL and STARS-list VOCs including the top 20 TICs using USEPA Method 8260 and total petroleum hydrocarbons (TPH) using NYSDOH Method 310.13.
- Sample 3472-004 from TB-8 (3.5') was analyzed for TCL and STARS-list VOCs including the top 20 TICs using USEPA Method 8260, STARS-list SVOCs including the top 20 TICs using USEPA Method 8270 and TPH using NYSDOH Method 310.13
- Sample 3472-005 from TB-10 (7.5') was analyzed for TCL and STARS-list VOCs including the top 20 TICs using USEPA Method 8260 using USEPA Method 8260.
- Sample 3472-006 from TB-12 (0.5') was analyzed for RCRA metals using USEPA Method 6010 and 7471 and TCL base-neutral acid extractable SVOCs using USEPA Method 8270.
- Sample 3472-007 from TB-17 (1.0') was analyzed for RCRA metals using USEPA Method 6010 and 7471 and STARS-list SVOCs including the top 20 TICs using USEPA Method 8270.
- Sample 3472-008 from TB-19 (3.0') was analyzed for STARS-list SVOCs including the top 20 TICs using USEPA Method 8270 and RCRA metals using USEPA Method 6010 and 7471.

A copy of the analytical laboratory report submitted by Paradigm with chain-of-custody documentation for these samples is included in Appendix C.

2.6 Suspect Asbestos-Containing Material

On May 24, 2004, a sample was collected of each of the three damaged SACM identified in Note #2 of the Phase I ESA report. Five samples were submitted, under chain-of-custody control, to Paradigm to evaluate asbestos content using polarized light microscopy (PLM) analysis via NYSDOH Method 198.1. The samples are described as follows:

- Sample A-1 consists of thermal system insulation (TSI) from the boiler in the basement in the unoccupied industrial building.
- Sample A-2 consists of TSI from mudpack material in the basement in the unoccupied industrial building.
- Sample A-3 consists of 3-inch aircell pipe wrap from the first floor of the unoccupied industrial building.
- Sample A-4 consists of 1.5-inch aircell pipe wrap from the first floor of the unoccupied industrial building.
- Sample A-5 consists of 3-inch aircell pipe wrap from the basement of the unoccupied industrial building.

A copy of the analytical laboratory report submitted by Paradigm with chain-of-custody documentation for these samples is included in Appendix C.

3.0 FINDINGS

This section of the report presents the findings of the fieldwork and analytical laboratory testing completed as part of this study.

3.1 Drain/Washbasin Evaluation

The four floor drains (designated D-1 through D-4) located in the three loading dock areas are of similar construction. They are approximately 18 inches in diameter and 2 feet deep. The floor drain sump, cover and piping in each drain appear to be constructed of metal. With the exception of the cover of floor drain D-3, these drains did not appear to be damaged (e.g., broken, corroded, etc). The cover of floor drain D-3 was cracked in two pieces with a piece of plate steel placed over the damaged portion of the cover.

A weathered petroleum-type odor was observed emanating from drain D-1 and the sediment/sludge within this drain contained a petroleum sheen. A peak PID reading of 3 ppm was measured in the headspace of a sediment/sludge sample from this drain. The sediment/sludge collected from floor drain D-1 contained a TPH concentration of 2,260,000 micrograms per kilogram (µg/kg) identified as a heavy-weight TPH.

The sediment/sludge in floor drain D-4 is a black sludge with a solvent-type odor, similar to the odor noticed in the operational area of the graphics company. A peak PID reading of 157 ppm was measured above the headspace of a sludge/sediment sample collected from floor drain D-4. The following constituents were detected in the sediment/sludge collected from drain D-4: ethylbenzene, toluene, xylenes and carbon disulfide at concentrations ranging from 82,700 µg/kg (or ppb) to 1,640,000 µg/kg. VOC TICs were not detected in this sample. The sample from floor drain D-4 was also subjected to a TCLP and the resulting extraction was analyzed for VOCs. No constituent was detected above regulatory limits in the TCLP analysis. Furthermore, the sample was not found to be combustible, corrosive, or reactive (with respect to cyanide and sulfide). As such, the sediment contained within this catch basin is not considered a characteristic hazardous waste for the parameters tested. Table 1 in Appendix D presents a summary of the constituents detected in the sludge/sediment sample from floor drain D-4. The copy of the analytical laboratory report in Appendix C compares the TCLP analysis to regulatory limits.

Dye testing indicates that the floor drain D-4 discharges to the City's combined sanitary/stormwater sewer system located on Hague Street. The washbasin in proximity to drain D-4 does not have discharge piping, but it has a drain plug in the bottom of the washbasin that when opened allows water to discharge into floor drain D-4. Dye testing of floor drains D-1 and D-2 was inconclusive since dye was not detected in the expected access point on Maple Avenue (potentially due to the distance of the access point from the Site). When a snake was advanced in floor drains D-1, D-2, and D-3, a scraping sound was detected in the cleanout for the sewer lines for the Site entering the stormwater/sanitary system on Elser Terrace (i.e., suggesting the floor drains are connected to the municipal system.

3.2 Pipe Evaluation and Magnetic Locator Survey Results

When the magnetic locator was connected to the unknown pipes in the southwestern corner of the property a metallic anomaly was observed southwest of the pipes; however, this anomaly appears to be attributable to interference from a nearby chain-link fence and posts. [Note: due to Site conditions (i.e., snow covered) during the Phase I ESA, only one pipe was observed, however two approximately 2-inch pipes are present in this area]. A tape measure was placed in these pipes measured their depths to be approximately 2.5-feet and 1.0-foot below the ground surface, respectively. Both pipes were filled with water that did not exhibit odors or sheens.

The unknown pipes on the eastern exterior wall were also evaluated with the magnetic locator. Although only one pipe was noted during the Phase I ESA, there were seven pipes on this wall. Five of the pipes where capped and labeled "gas vent" and these pipes were determined to be connected to a natural gas delivery system for the property. One pipe was a former gas service line that came out of the ground. Rochester Gas & Electric had marked out this gas pipe coming onto the Site off of Elser Terrace. The final pipe was connected to the Site's fire suppression system. The magnetic locator was also put in survey mode and the ground beneath these pipes was scanned. The only metallic anomaly was in proximity to the paint marks on the ground surface where an underground natural gas pipe is located. Based upon the above considerations, further evaluation (e.g., test pits, etc.) was not deemed necessary.

Two additional pipes that were not observed during the Phase I ESA were identified exiting the south wall of the building. The magnetic locator was put in survey mode and areas around the perimeter the building that could be accessed were scanned for metallic anomalies. One area had anomalies on the southern wall of the building. It was directly below the two pipes exiting the wall of the building. The area was marked and test TP-2 was subsequently excavated in this area (see section 3.3).

3.3 Test Pit Evaluation

To evaluate subsurface conditions in areas of unknown pipes or magnetic anomaly, a test pit, TP-1 was excavated in the southwestern corner of the building and test pit TP-2 was excavated along the southern wall (refer to Figure 2 in Appendix A). The top six inches of both test pits consist of topsoil. Beneath the topsoil, approximately 2.5-feet of fill material was observed and this fill consisted of black sandy silt, broken pieces of pottery, plastic, ash and a trace of gravel. Beneath the fill, indigenous tan sandy silt was observed to the completion of the test pit (i.e., from 3.0' below the ground surface to depths of 6.0' and 7.0'). No odors or staining were observed and PID readings on excavated and in-situ fill from the two test pits measured 0.0 ppm. Neither groundwater nor bedrock was encountered at either test pit. The test pit logs are included in Appendix B. The test pits were backfilled using the excavated material and tamped using the bucket of the excavator.

3.4 Test Borings

The top 6 to 8 inches of each test boring advanced during this study was comprised of asphalt or concrete depending on location. Fill material generally consisting of black or brown silty sand with lesser amounts of slag and of gravel was observed beneath the asphalt or concrete. However the fill at test locations TB-4 through TB-6 was reworked light brown sandy silt, which is consistent with indigenous soil located at the Site. This fill was most likely soil that was displaced during the construction of additions to the original building and spread at these parts of the Site. The fill layer across the Site varies in thickness from between about 2 and 5 feet with an average thickness of approximately 4 feet. Beneath the fill layer, indigenous light brown to tan sandy silt was observed until equipment refusal was encountered at depths about between 5.2 feet and 11.6 feet below the ground surface. Based on observation of moisture content on the soil/fill samples, groundwater is present at the Site between approximately 5 and 7 feet below the ground surface.

A peak PID reading of 21.4 ppm was measured above soil samples collected at a depth of approximately one-foot below the ground surface in test boring TB-5 and a peak PID reading of 21.3 ppm was measured at a depth of approximately three feet at test boring TB-8. PID readings at the other test borings advanced during this study were measured at 0.0 ppm.

3.5 Analytical Laboratory Results

Selected soil samples collected during this study were analyzed for the parameters outlined in Section 2.2.4 and Tables 2 and 3 in Appendix D present the constituents detected in these samples and compare the analytical laboratory test results to recommended soil cleanup objectives (RSCOs) as referenced in the NYSDEC Technical and Administrative Guidance Memorandum: *"Determination of Soil Cleanup Levels"* (TAGM 4046) dated January 24, 1994 and subsequent addendum.

Sample 3472-003 from TB-5 (0.5'), sample 3472-004 from TB-8 (3.5') and sample 3472-005 from TB-10 (7.5') were analyzed for VOCs. Trichloroethene was detected at a concentration of 73.5 µg/kg or parts per billion (ppb) in sample 3472-004 from TB-8 (3.5'). This concentration is below the RSCO of 700 ppb. Although no TCL or STARS-list VOCs were detected above reported analytical laboratory detection limits in sample 3472-003 from TB-5 (0.5'), several unidentifiable TICs were reported at a total concentration of 2,156 ppb, which is below the RSCO for total VOCs of 10,000 ppb. No TCL or STARS-list VOCs or TICs were detected above reported analytical laboratory detection limits in sample 3472-005 from TB-10 (7.5'). A summary of detected VOCs is included as Table 2 in Appendix D.

Sample 3472-003 from TB-5 (0.5') and sample 3472-004 from TB-8 (3.5') were analyzed for TPH. The sample 3472-003 from TB-5 (0.5') contained TPH concentration of 82,100 ppb identified as heavy-weight TPH designated as lube oil. There is no applicable standard for TPH to compare at this time. TPH was not detected at a concentration above the reported analytical laboratory detection limits in sample 3472-004 TB-8 (3.5').

Sample 3472-004 from TB-8 (3.5'), sample 3472-006 from TB-12 (0.5'), sample 3472-007 from TB-17 (1.0') and sample 3472-008 from TB-19 (3.0') did not contain SVOCs at concentrations above reported analytical laboratory detection limits.

Sample 3472-002 from TP-2 (1.5'), sample 3472-006 from TB-12 (0.5'), sample 3472-007 from TB-17 (1.0') and sample 3472-008 from TB-19 (3.0') were analyzed for RCRA metals. Mercury was detected in sample 3472-002 from TP-2 (1.5') and sample 3472-007 from TB-17 (1.0') at concentrations of 0.588 ppm and 0.3549 ppm, respectively. These concentrations exceed RSCO for mercury of 0.1 ppm and typical background range of 0.001 to 0.2 ppm. Silver and arsenic were detected in sample 3472S-04/TP-2 (1.5') at a concentration of 9.77 ppm and 19.9 ppm, respectively. The RSCO for silver and arsenic are relative to the background levels detected at the Site and these metals potentially exceed RSCOs. The concentration of the other metals measured in the samples tested during this study were within or below background levels and not appear to exceed RSCOs. The results are included as Table 3 in Appendix D.

3.6 Asbestos Evaluation

As shown in the analytical laboratory report included in Appendix C, each sample of SACM was composed of 80% Chrysotile asbestos fibers and 20% non-asbestos fibers. As such, each material represented by these five samples is considered to be ACM.

4.0 CONCLUSIONS AND RECOMMENDATIONS

DAY performed this Phase I ESA confirmational study to evaluate two RECs and SACM that were identified in a Phase I ESA report dated March 8, 2004. The conclusions and recommendations in relation to the RECs and SACM are presented in this section of the report.

REC#1 (Historic Use of the Site)

Based upon this study, it appears that the four floor drains located in loading docks within the industrial building at the Site discharge to the City's combined sanitary and stormwater sewer systems. A washbasin within the facility appears to discharge onto the floor of the building and ultimately into a nearby floor drain. Two floor drains contained sediment/sludge that is impacted with TPH or VOCs. The sediment/sludge containing VOCs was determined not to be a characteristic hazardous waste for the parameters that were tested. It is recommended that sediment/sludge in the floor drains be removed and disposed in accordance with applicable regulations. In addition, it should be determined if current discharges to the washbasin and floor drains are in compliance with municipal sewer use laws, whether a sewer use permit is required and whether the discharges need to be discontinued.

Laboratory analysis of selected soil samples from test borings did not identify VOCs, SVOCs or TPH at concentrations warranting further work at this time. The concentrations of mercury, and potentially arsenic and silver in some of the fill samples tested, exceed the respective RSCO and typical background range. It is suspected that the detected concentrations of mercury, arsenic and silver in these fill samples is attributable to the fill, and not historic use of the Site.

Although concentrations of selected metals were measured above RSCO, the results probably do not warrant immediate remediation. The Site is used for industrial purposes and the fill containing metals is not present at the ground surface (i.e., the majority of the Site is covered with asphalt.) However, if this material is ever disturbed during future renovations, utility work, etc., it is recommended that an Environmental Management Plan (EMP) be prepared to identify procedures for addressing this material. At that time, a copy of the EMP and this report should be provided to the appropriate regulatory agencies for review.

REC#2 (Potential USTs)

Based upon the work completed, evidence of USTs and associated piping were not identified. Therefore, further work in relation to USTs at the Site is not recommended at this time.

SACM

Analytical laboratory testing of samples of the SACM identified in the March 8, 2004 Phase I ESA report confirmed these materials are ACM. As such, these ACM should be abated (i.e., removed, repaired, encapsulated, etc.) by a licensed asbestos abatement contractor in accordance with applicable regulations.

5.0 ABBREVIATIONS

ACM	Asbestos-Containing Material
Arrow	Arrow Construction, Inc.
BAP	Brownfield Assistance Program
City	City of Rochester
DAY	Day Environmental, Inc.
ELAP	Environmental Laboratory Approval Program
EMP	Environmental Management Plan
MCDOH	Monroe County Department of Health
NYSDOH	New York State Department of Health
Paradigm	Paradigm Environmental Services, Inc.
Phase I ESA	Phase I Environmental Site Assessment
PID	Photoionization Detector
PLM	Polarized Light Microscopy
ppb	Parts Per Billion
ppm	Parts Per Million
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Condition
RSCO	Recommended Soil Cleanup Objective
SACM	Suspect Asbestos-Containing Material
SLC	SLC Environmental Services, Inc.
STARS	Spill Technology and Remediation Series
SVOC	Semi-Volatile Organic Compounds
TAGM 4046	NYSDEC Technical and Guidance Memorandum: *"Determination of Soil Cleanup Levels"* dated January 24, 1994
TCL	Target Compound List
TCLP	Toxicity Characteristic Leaching Procedure
TPH	Total Petroleum Hydrocarbons
TIC	Tentatively Identified Compounds
TSI	Thermal System Insulation
µg/kg	Micrograms per Kilogram
USEPA	United States Environmental Protection Agency
UST	Underground Storage Tank
VOC	Volatile Organic Compounds

ELSER TERR.

E.O.P.

HAGUE STREET

TB-6 0.0 ppm

TB-16 0.0 ppm

TB-20 0.0 ppm

D-3

TB-8 21.3 ppm

TB-9 0.0 ppm

TB-3 0.0 ppm

Loading Dock

TB-5 21.4 ppm

TB-4 0.0 ppm

TB-10 0.0 ppm

Basement Area

Boiler

Transformer Vault

TB-19 0.0 ppm

D-1

TB-7 0.0 ppm

Excluded Lot

D-2

Loading Dock

Former Boiler

TB-14 0.0 ppm

TB-13 0.0 ppm

TB-18 0.0 ppm

TB-17 0.0 ppm

TB-15 0.0 ppm

TP-1 0.0 ppm

TP-2 0.0 ppm

Loading Dock

D-4

Wash Basin

TB-1 0.0 ppm

TB-11 0.0 ppm

TB-2 0.0 ppm

TB-12 0.0 ppm

NEW YORK CENTRAL R.R.

Approximate Property Line

SITE PLAN
1" = 30'

N

LEGEND

TB-17 0.0 ppm	Test Boring Advanced on May 18 and 19, 2004 with peak photoionization detector (PID) reading in parts per million
TP-1 0.0 ppm	Test Pit advanced on May 13, 2004 with peak PID reading in parts per million.
D-4	Floor Drain Location

NOTES:

1. Site Plan produced from a drawing by Moore & Bowles Realtors titled "One Story Masonary Building 15 Elser Terrace Rochester, New York", a Map Of A Survey Of A Parcel by Denluck-Hyde Engineering & Associates P.C. dated July 22, 1988 and from notes of a site visit by a representative of Day Environmental, Inc. on May 11, 13, 18, 19, and 24 2004.
2. Test boring and test pit locations were tape measured from existing site features and should be considered accurate to the degree implied by the method used.

FIELD VERIFIED BY	JS
DATE	05-2004
DRAWN BY	LRP
DATE DRAWN	07-29-2004
SCALE	As Noted
DATE ISSUED	

day
DAY ENVIRONMENTAL, INC.
ENVIRONMENTAL CONSULTANTS
ROCHESTER, NEW YORK 14614-1008
NEW YORK, NEW YORK 10165-1617

PROJECT TITLE
175, 195 & 199 HAGUE STREET
ROCHESTER, NY

PHASE I CONFORMATIONAL STUDY

DRAWING TITLE
Test Location Plan

PROJECT NO.
3472S-04

FIGURE 2

Ref1: Base-1.dwg
Ref2:
Ref3:
Ref4:
Ref5:
Ref6:

Xerox432AnsiB-2; 11 x 17
Layout Name: Layout 1

Time Plotted: Thur Jul 29 09:00 2004
File Name: Phase 1\3472\Figure 2.dwg

ATTACHMENT B

TEST PIT LOGS AND TEST BORING LOGS

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614-1008

TEST PIT NO.: TP-1

Project No: 3472S-04
Project: Phase I Confirmational Study
Location: 175, 195 & 199 Hague St. Rochester, NY
Date: 05/13/04
Test Pit Depth: 6.0'
Depth to Water: Not Encountered

Excavation Contractor: Arrow Contracting, Inc
Excavation Equipment: Kobelco SK027
Equipment Reach: Approximately 8.0'
DAY Representative: C. Davidson

SUBSURFACE PROFILE				
Depth	Peak PID Reading (ppm)	Description	Sample Number	Remarks
1	0.0	6" TOPSOIL		
	0.0	Black Sandy Silt, Glass, Pottery, Plastic, Ash, trace Gravel (FILL), moist		
2	0.0			
3	0.0			
4	0.0	Tan, Sandy SILT, trace Gravel, moist		
5	0.0			
6	0.0			
7		BOTP @ 6.0'		
8				
9				
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19				
20				

File: 3472p1.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614-1008

TEST PIT NO.: TP-2

Project No: 3472S-04
Project: Phase I Confirmational Study
Location: 175, 195 & 199 Hague St. Rochester, NY
Date: 05/13/04
Test Pit Depth: 7.0'
Depth to Water: Not Encountered

Excavation Contractor: Arrow Contracting, Inc.
Excavation Equipment: Kobelco SK027
Equipment Reach: Approximately 8.0'
DAY Representative: C. Davidson

SUBSURFACE PROFILE				
Depth	Peak PID Reading (ppm)	Description	Sample Number	Remarks
1	0.0	Brown to Black Silty Sand, trace Gravel, Ash, Slag, Glass, Broken Clay Tile (FILL), moist		
2	0.0			
3	0.0			
4	0.0	TAN Sandy SILT, trace Cobbles		
5	0.0			
6	0.0			
7		BOTP @ 7.0'		
8				
9				
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17				
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19				
20				

File: 3472p2.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614-1008
(585) 454-0210

BORING NUMBER: TB-1

Project: 175,195,199 Hague St., Rochester, NY
DAY Representative: C. Davidson
Drilling Contractor: SLC Environmental Services, Inc.
Drilling Rig: Geoprobe 54LT
Sampling Method: Direct Push
Completion Method: Backfilled with cuttings

Project No: 3472S-04
Boring Location: See Site Plan
Ground Surface Elevation: NA
Start Date: 5/18/04
Borehole Diameter: 2 1/4"
Water Level: Not Encountered

Datum: NA
Completion Date: 5/18/04
Borehole Depth: 7.8'

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						0.0		Brown to Black Silty Sand, Glass, Slag, trace Gravel (FILL), moist
2	NA	S-1	0-4	65	NA	0.0		... Light Brown
3						0.0		
4								
5						0.0		Light Brown to tan Sandy SILT, trace Gravel, moist
6	NA	S-2	4-7.8	94	NA	0.0		
7						0.0		... Rock in cutting shoe
8								Refusal @ 7.8'
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

File: 3472s1.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614-1008
(585) 454-0210

BORING NUMBER: TB-2

Project: 175,195,199 Hague St., Rochester, NY
DAY Representative: C. Davidson
Drilling Contractor: SLC Environmental Services, Inc.
Drilling Rig: Geoprobe 54LT
Sampling Method: Direct Push
Completion Method: Backfill w/cuttings, capped w/concrete

Project No: 3472S-04
Boring Location: See Site Plan
Ground Surface Elevation: NA
Start Date: 5/18/04
Borehole Diameter: 2 1/4"
Water Level: Not Encountered

Datum: NA
Completion Date: 5/18/04
Borehole Depth: 7.6'

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1	NA	S-1	0-4	50	NA	0.0		Asphalt
2						0.0		Brown Sand, trace Gravel (FILL), moist
3						0.0		Tan reworked Sandy SILT, trace Gravel (FILL), moist
4								
5	NA	S-2	4-7.6	71	NA	0.0		
6						0.0		Tan Sandy SILT, trace Gravel, moist
7						0.0		
8								Refusal @ 7.6'
9								
10								
11								
12								
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14								
15								
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17								
18								
19								
20								

File: 3472s2.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614-1008
(585) 454-0210

BORING NUMBER: TB-3

Project: 175,195,199 Hague St., Rochester, NY
DAY Representative: C. Davidson
Drilling Contractor: SLC Environmental Services, Inc.
Drilling Rig: Geoprobe 54LT
Sampling Method: Direct Push
Completion Method: Backfill w/cuttings, capped w/concrete

Project No: 3472S-04
Boring Location: See Site Plan
Ground Surface Elevation: NA
Start Date: 5/18/04
Borehole Diameter: 2 1/4"
Water Level: Not Encountered

Datum: NA
Completion Date: 5/18/04
Borehole Depth: 9.1'

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						0.0		Asphalt
2	NA	S-1	0-4	71	NA	0.0		Dark Brown Sandy Silt, trace Gravel, Slag (FILL), moist
3						0.0		
4								
5						0.0		
6	NA	S-2	4-8	88	NA	0.0		Tan Sandy SILT, trace Gravel, moist
7						0.0		
8								
9	NA	S-3	8-9.1	100	NA	0.0		
10								Refusal @ 9.1'
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

File: 3472s3.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614-1008
(585) 454-0210

BORING NUMBER: TB-4

Project: 175,195,199 Hague St., Rochester, NY
DAY Representative: C. Davidson
Drilling Contractor: SLC Environmental Services, Inc.
Drilling Rig: Geoprobe 54LT
Sampling Method: Direct Push
Completion Method: Backfill w/cuttings, capped w/concrete

Project No: 3472S-04
Boring Location: See Site Plan
Ground Surface Elevation: NA
Start Date: 5/18/04
Borehole Diameter: 2 1/4"
Water Level: Not Encountered

Datum: NA
Completion Date: 5/18/04
Borehole Depth: 5.8'

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						0.0		Stone and Asphalt
2	NA	S-1	0-4	63	NA	0.0		Tan reworked Sandy Silt, trace Gravel (FILL), wet
3						0.0		Tan Sandy SILT, trace Gravel, wet
4								
5	NA	S-2	4-5.8	100	NA	0.0		
6						0.0		Refusal @ 5.8'
7								
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19								
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File: 3472s4.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614-1008
(585) 454-0210

BORING NUMBER: TB-5

Project: 175,195,199 Hague St., Rochester, NY
DAY Representative: C. Davidson
Drilling Contractor: SLC Environmental Services, Inc.
Drilling Rig: Geoprobe 54LT
Sampling Method: Direct Push
Completion Method: Backfill w/cuttings, capped w/concrete

Project No: 3472S-04
Boring Location: See Site Plan
Ground Surface Elevation: NA
Start Date: 5/18/04
Borehole Diameter: 2 1/4"
Water Level: Not Encountered

Datum: NA
Completion Date: 5/18/04
Borehole Depth: 6.9'

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						21.4		Asphalt under lain by Stone and Gravel
2	NA	S-1	0-4	56	NA	0.0		Light Brown reworked Sandy Silt, trace Gravel (FILL), moist
3						0.0		
4								
5	NA	S-2	4-6.9	100	NA	0.0		Light Brown Sand, SILT, trace Gravel, moist
6						0.0		
7						0.0		
8								Refusal @ 6.9'
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

File: 3472s5.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614-1008
(585) 454-0210

BORING NUMBER: TB-6

Project: 175,195,199 Hague St., Rochester, NY
DAY Representative: C. Davidson
Drilling Contractor: SLC Environmental Services, Inc.
Drilling Rig: Geoprobe 54LT
Sampling Method: Direct Push
Completion Method: Backfill w/cuttings, capped w/concrete

Project No: 3472S-04
Boring Location: See Site Plan
Ground Surface Elevation: NA
Start Date: 5/18/04
Borehole Diameter: 2 1/4"
Water Level: Not Encountered

Datum: NA
Completion Date: 5/18/04
Borehole Depth: 7.1'

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						0.0		Concrete underlain by Stone and Gravel
2	NA	S-1	0-4	83	NA	0.0		Light Brown reworked Sandy Silt, trace Gravel (FILL), moist
3						0.0		
4								Light Brown Sandy SILT, trace Gravel, moist
5	NA	S-2	4-7.1	100	NA	0.0		
6						0.0		
7								
8								Refusal @ 7.1'
9								
10								
11								
12								
13								
14								
15								
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19								
20								

File: 3472s6.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614-1008
(585) 454-0210

BORING NUMBER: TB-7

Project: 175,195,199 Hague St., Rochester, NY
DAY Representative: C. Davidson
Drilling Contractor: SLC Environmental Services, Inc.
Drilling Rig: Geoprobe 54LT
Sampling Method: Direct Push
Completion Method: Backfill w/cuttings, capped w/concrete

Project No: 3472S-04
Boring Location: See Site Plan
Ground Surface Elevation: NA
Start Date: 5/18/04
Borehole Diameter: 2 1/4"
Water Level: Not Encountered

Datum: NA
Completion Date: 5/18/04
Borehole Depth: 6.6'

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						0.0		Concrete
2	NA	S-1	0-4	83	NA	0.0		Light Brown to Dark Brown Silty Sand, Slag, trace Gravel (FILL), moist
3						0.0		
4								Light Brown Sandy SILT, trace Gravel, moist
5	NA	S-2	4-6.6	80	NA	0.0		
6						0.0		
7								Refusal @ 6.6'
8								
9								
10								
11								
12								
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14								
15								
16								
17								
18								
19								
20								

File: 3472s7.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614-1008
(585) 454-0210

BORING NUMBER: TB-8

Project: 175,195,199 Hague St., Rochester, NY
DAY Representative: C. Davidson
Drilling Contractor: SLC Environmental Services, Inc.
Drilling Rig: Geoprobe 54LT
Sampling Method: Direct Push
Completion Method: Backfill w/cuttings, capped w/concrete

Project No: 3472S-04
Boring Location: See Site Plan
Ground Surface Elevation: NA
Start Date: 5/18/04
Borehole Diameter: 2 1/4"
Water Level: Approximately 6.0'

Datum: NA
Completion Date: 5/18/04
Borehole Depth: 6.4'

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1								Concrete
1	NA	S-1	0-4	65	NA	20.4		Brown, Gray and Orange Sandy Silt, trace Gravel (FILL), moist
2						18.4		
3						21.3		
4								Light Brown Sandy SILT, trace Gravel, moist
4	NA	S-2	4-6.4	100	NA	5.9		
5						2.4		
6						0.0		... wet
7								Refusal @ 6.4'
8								
9								
10								
11								
12								
13								
14								
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16								
17								
18								
19								
20								

File: 3472s8.log

APPENDIX C

ANALYTICAL LABORATORY REPORTS
AND
CHAIN-OF-CUSTODY DOCUMENTATION

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

pH Analysis Report

Client: Day Environmental, Inc.

Client Job Site:	Hague St. Phase I Confirmational Study	**Lab Project Number:**	04-1274
Client Job Number:	3472S-04	**Date Sampled:**	05/11/2004
		Time Sampled:	1:50 PM
		Date Received:	05/11/2004
Sample Type:	Sludge	**Date Analyzed:**	05/11/2004
Location:	Lab	**Time Analyzed:**	6:30 PM

Lab Sample Number	Field Number	Field Location	Result (pH)
4825	3472-001 / 04	N/A	8.26

ELAP Number 10958

Method: EPA 9045C

Comments:

Signature:

Bruce Hoogesteger, Technical Director

Chain of Custody provides additional sample information

File ID: 041274p1

PARADIGM
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue Rochester, New York 14608 585-647-2530 FAX 585-647-3311

LABORATORY REPORT OF ANALYSIS

Client: Day Environmental, Inc.

Client Job Site: Hague St. Phase I Confirmational Study
Client Job No.: 3472S-04

Field Location: 3472-001/04

Lab Project No.: 04-1274
Lab Sample No.: 4825

Sample Type: Sludge

Date Sampled: 05/11/2004
Date Received: 05/11/2004

Parameter	Date Analyzed	Analytical Method	Result (mg/kg)
Cyanide Reactivity	05/14/2004	SW846, 7.3	ND < 1 Non Reactive
Sulfide Reactivity	05/15/2004	SW846, 7.3	ND 140 Non Reactive

ELAP ID. No.: 10709

Comments: ND denotes Non Detected.
Hazardous Waste Regulatory Levels for Reactivity are as follows:
Sulfide - 500 mg/kg, Cyanide - 250 mg/kg.

Approved By Technical Director: _____
Bruce Hoogesteger

Chain of Custody provides additional sample information.

File ID: React04-1247

PARADIGM
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: Day Environmental, Inc.

Client Job Site: Hague St. Phase 1 Confirmation Study

Client Job No.: S4725-04

Lab Project No.: 04-1274

Sample Type: Solid

Method: SW846 1010

Date(s) Sampled: 05/11/2004

Date Received: 05/11/2004

Date Analyzed: 05/18/2004

Laboratory Report for Flashpoint Analysis

Lab Sample No.	Field ID No.	Field Location	Flashpoint Results (°C)
4825	N/A	3472-001/04	>70

ELAP ID No.: 10958

Comments:

Approved By: _____
Bruce Hoogesteger, Technical Director

This report is part of a multipage document and should only be evaluated in its entirety. Chain of Custody provides additional sample information, including compliance with sample condition requirements upon receipt.

File ID:041274.xls

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: Day Environmental, Inc.
Client Job Site: Hague St. Phase 1 Confirmation Study
Client Job No.: S4725-04
Field Location: 3472-001/04
Field ID No.: N/A

Lab Project No.: 04-1274
Lab Sample No.: 4825
Sample Type: TCLP Extract
Date Sampled: 05/11/2004
Date Received: 05/11/2004

Laboratory Report for TCLP Metals Analysis

Parameter	Date Analyzed	Analytical Method	Result (mg/L)	Regulatory Limit (mg/L)
TCLP Metal Series				
Arsenic	05/14/2004	EPA 6010	<0.100	5.0
Barium	05/14/2004	EPA 6010	1.00	100.0
Cadmium	05/14/2004	EPA 6010	<0.025	1.0
Chromium	05/14/2004	EPA 6010	<0.050	5.0
Lead	05/14/2004	EPA 6010	0.206	5.0
Mercury	05/18/2004	EPA 7470	<0.0020	0.2
Selenium	05/14/2004	EPA 6010	<0.100	1.0
Silver	05/14/2004	EPA 6010	<0.050	5.0

ELAP ID No.: 10958

Comments:

Approved By: _____
Bruce Hoogesteger, Technical Director

This report is part of a multipage document and should only be evaluated in its entirety. Chain of Custody provides additional sample information, including compliance with sample condition requirements upon receipt.

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile Analysis Report for TCLP Extract

Client: Day Environmental, Inc.

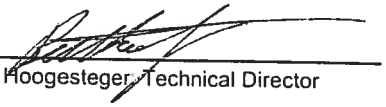
Client Job Site:	Hague St. Phase I Confirmational Study	**Lab Project Number:**	04-1274
		Lab Sample Number:	4825
Client Job Number:	3472S-04		
Field Location:	N/A	**Date Sampled:**	05/11/2004
Field ID Number:	3472-001 / 04	**Date Received:**	05/11/2004
Sample Type:	TCLP Extract	**Date Analyzed:**	05/17/2004

Base / Neutrals	Results in ug / L	Regulatory Limits in ug / L
1,4-Dichlorobenzene	ND< 40.0	7,500
2,4-Dinitrotoluene	ND< 40.0	130
Hexachlorobenzene	ND< 40.0	130
Hexachlorobutadiene	ND< 40.0	500
Hexachloroethane	ND< 40.0	3000
Nitrobenzene	ND< 40.0	2,000
Pyridine	ND< 40.0	5,000

Acids	Results in ug / L	Regulatory Limits in ug / L
Cresols (as m,p,o-Cresol)	ND< 80.0	200,000
Pentachlorophenol	ND< 100	100,000
2,4,5-Trichlorophenol	ND< 100	400,000
2,4,6-Trichlorophenol	ND< 40.0	2,000

ELAP Number 10958 Method: EPA 8270C Data File: 19440.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: 
Bruce Hoogesteger, Technical Director

Chain of Custody provides additional sample information

File ID: 041274S1.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for TCLP Extract

Client: Day Environmental, Inc.

Client Job Site:	Hague St. Phase I Confirmational Study	**Lab Project Number:**	04-1274
		Lab Sample Number:	4825
Client Job Number:	3472S-04		
Field Location:	N/A	**Date Sampled:**	05/11/2004
Field ID Number:	3472-001 / 04	**Date Received:**	05/11/2004
Sample Type:	TCLP Extract	**Date Analyzed:**	05/13/2004

TCLP Analytes	Results in ug / L	Regulatory Limits in ug / L
Benzene	ND< 20.0	500
2-Butanone	ND< 50.0	200,000
Carbon Tetrachloride	ND< 20.0	500
Chlorobenzene	ND< 20.0	100,000
Chloroform	ND< 20.0	6,000
1,2-Dichloroethane	ND< 20.0	500
1,1-Dichloroethene	ND< 20.0	700
Tetrachloroethene	ND< 20.0	700
Trichloroethene	ND< 20.0	500
Vinyl chloride	ND< 20.0	200

ELAP Number 10958 Method: EPA 8260B Data File: 21212.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____
Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 041274v1

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(585) 647-2530 * (800) 724-1997
FAX: (585) 647-3311

CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:	
COMPANY:	Day Environmental, Inc	COMPANY:	SAME
ADDRESS:	40 Commercial St	ADDRESS:	
CITY:	Rochester	CITY:	
STATE:	NY	STATE:	
ZIP:	14614	ZIP:	
PHONE:	454 0310	PHONE:	
FAX:	454 0825	FAX:	
ATTN:	Jay Scherer	ATTN:	
COMMENTS:			

LAB PROJECT #: 04-1274
CLIENT PROJECT #: 3425-04

TURNAROUND TIME: (WORKING DAYS)
STD ☐ 1 ☐ 2 ☐ 3 ☑ 5 OTHER ☐

PROJECT NAME/SITE NAME: Hague St Phase I Confirmational Study

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	TCLP VOC	TCLP SVOC	TCLP Metals	Ignitability	Corrosivity	Reactivity	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	5/11/04	1350		X	347-600/D4	Sludge	3	X	X	X	X	X	X		4825
2															
3															
4															
5															
6															
7															
8															
9															
10															

LAB USE ONLY

SAMPLE CONDITION: Check box if acceptable or note deviation: ☑

CONTAINER TYPE: ☑ PRESERVATIONS: ☑ HOLDING TIME: ☑ TEMPERATURE: ☐ 18°C

Sampled By:	Date/Time: 5/11/04 1350	Relinquished By:	Date/Time: 5/11/04 1510
Relinquished By:	Date/Time:	Received By:	Date/Time: 5/11/04 1510
Received By:	Date/Time:	Received @ Lab By:	Date/Time: 5/11/04 1545

Total Cost:

P.I.F.

PARADIGM
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: Day Environmental, Inc.

Client Job Site: 179,195,199 Hague Street
Rochester NY

Client Job No.: 3472S-04

Field Location: 3472-006/TB-12 (0.5')

Field ID No.: N/A

Lab Project No.: 04-1393

Lab Sample No.: 5135

Sample Type: Solid

Date Sampled: 05/18/2004

Date Received: 05/20/2004

Laboratory Report for Solid Waste Analysis

Parameter	Date Analyzed	Analytical Method	Result (mg/kg)
Arsenic	05/27/2004	SW846 6010	1.84
Barium	05/27/2004	SW846 6010	25.9
Cadmium	05/27/2004	SW846 6010	0.760
Chromium	05/27/2004	SW846 6010	5.31
Lead	05/27/2004	SW846 6010	6.07
Mercury	05/24/2004	SW846 7471	<0.0180
Selenium	05/27/2004	SW846 6010	1.51
Silver	05/27/2004	SW846 6010	<1.08

ELAP ID No.:10958

Comments:

Approved By: _____
Bruce Hoogesteger, Technical Director

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File ID:041393.xls

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: Day Environmental, Inc.

Client Job Site: 179,195,199 Hague Street Rochester NY

Client Job No.: 3472S-04

Field Location: 3472-007/TB-17 (1.0')

Field ID No.: N/A

Lab Project No.: 04-1393

Lab Sample No.: 5136

Sample Type: Solid

Date Sampled: 05/19/2004

Date Received: 05/20/2004

Laboratory Report for Solid Waste Analysis

Parameter	Date Analyzed	Analytical Method	Result (mg/kg)
Arsenic	05/27/2004	SW846 6010	8.01
Barium	05/27/2004	SW846 6010	88.5
Cadmium	05/27/2004	SW846 6010	1.50
Chromium	05/27/2004	SW846 6010	12.1
Lead	05/27/2004	SW846 6010	36.5
Mercury	05/24/2004	SW846 7471	0.3549
Selenium	05/27/2004	SW846 6010	3.60
Silver	05/27/2004	SW846 6010	<1.16

ELAP ID No.:10958

Comments:

Approved By: _____

Bruce Hoogesteger, Technical Director

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File ID:041393.xls

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile Analysis Report for Soils/Solids/Sludges

Client: Day Environmental, Inc.

Client Job Site:	175, 195, 199 Hague St. Rochester, NY	**Lab Project Number:**	04-1393
Client Job Number:	3472S-04	**Lab Sample Number:**	5135
Field Location:	TB-12(0.5')		
Field ID Number:	3472-006	**Date Sampled:**	05/18/2004
Sample Type:	Soil	**Date Received:**	05/20/2004
		Date Analyzed:	05/22/2004

Base / Neutrals	Results in ug / Kg	Base / Neutrals	Results in ug / Kg
Acenaphthene	ND< 331	Dibenz (a,h) anthracene	ND< 331
Anthracene	ND< 331	Fluoranthene	ND< 331
Benzo (a) anthracene	ND< 331	Fluorene	ND< 331
Benzo (a) pyrene	ND< 331	Indeno (1,2,3-cd) pyrene	ND< 331
Benzo (b) fluoranthene	ND< 331	Naphthalene	ND< 331
Benzo (g,h,i) perylene	ND< 331	Phenanthrene	ND< 331
Benzo (k) fluoranthene	ND< 331	Pyrene	ND< 331
Chrysene	ND< 331	Acenapthylene	ND< 331
Diethyl phthalate	ND< 331	1,2-Dichlorobenzene	ND< 331
Dimethyl phthalate	ND< 828	1,3-Dichlorobenzene	ND< 331
Butylbenzylphthalate	ND< 331	1,4-Dichlorobenzene	ND< 331
Di-n-butyl phthalate	ND< 331	1,2,4-Trichlorobenzene	ND< 331
Di-n-octylphthalate	ND< 331	Nitrobenzene	ND< 331
Bis (2-ethylhexyl) phthalate	ND< 331	2,4-Dinitrotoluene	ND< 331
2-Chloronaphthalene	ND< 331	2,6-Dinitrotoluene	ND< 331
Hexachlorobenzene	ND< 331	Bis (2-chloroethyl) ether	ND< 331
Hexachloroethane	ND< 331	Bis (2-chloroisopropyl) ether	ND< 331
Hexachlorocyclopentadiene	ND< 331	Bis (2-chloroethoxy) methane	ND< 331
Hexachlorobutadiene	ND< 331	4-Bromophenyl phenyl ether	ND< 331
N-Nitroso-di-n-propylamine	ND< 331	4-Chlorophenyl phenyl ether	ND< 331
N-Nitrosodiphenylamine	ND< 331	Benzidine	ND< 828
N-Nitrosodimethylamine	ND< 331	3,3'-Dichlorobenzidine	ND< 331
Isophorone	ND< 331	4-Chloroaniline	ND< 331
Benzyl alcohol	ND< 828	2-Nitroaniline	ND< 828
Dibenzofuran	ND< 331	3-Nitroaniline	ND< 828
2-Methylnapthalene	ND< 331	4-Nitroaniline	ND< 828

Acids	Results in ug / Kg	Acids	Results in ug / Kg
Phenol	ND< 331	2-Methylphenol	ND< 331
2-Chlorophenol	ND< 331	4-Methylphenol	ND< 331
2,4-Dichlorophenol	ND< 331	2,4-Dimethylphenol	ND< 331
2,6-Dichlorophenol	ND< 331	2-Nitrophenol	ND< 331
2,4,5-Trichlorophenol	ND< 828	4-Nitrophenol	ND< 828
2,4,6-Trichlorophenol	ND< 331	2,4-Dinitrophenol	ND< 331
Pentachlorophenol	ND< 828	4,6-Dinitro-2-methylphenol	ND< 828
4-Chloro-3-methylphenol	ND< 331	Benzoic acid	ND< 828

ELAP Number 10958 Method: EPA 8270C Data File: 19508.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature:

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 041393S1.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: Day Environmental, Inc.

Client Job Site:	175, 195, 199 Hague St. Rochester, NY	**Lab Project Number:**	04-1393
Client Job Number:	3472S-04	**Lab Sample Number:**	5132
Field Location:	TB-5(0.5')		
Field ID Number:	3472-003	**Date Sampled:**	05/18/2004
Sample Type:	Soil	**Date Received:**	05/20/2004
		Date Analyzed:	05/24/2004

Halocarbons	Results in ug / Kg
Bromodichloromethane	ND< 8.17
Bromomethane	ND< 8.17
Bromoform	ND< 8.17
Carbon Tetrachloride	ND< 8.17
Chloroethane	ND< 8.17
Chloromethane	ND< 8.17
2-Chloroethyl vinyl Ether	ND< 8.17
Chloroform	ND< 8.17
Dibromochloromethane	ND< 8.17
1,1-Dichloroethane	ND< 8.17
1,2-Dichloroethane	ND< 8.17
1,1-Dichloroethene	ND< 8.17
cis-1,2-Dichloroethene	ND< 8.17
trans-1,2-Dichloroethene	ND< 8.17
1,2-Dichloropropane	ND< 8.17
cis-1,3-Dichloropropene	ND< 8.17
trans-1,3-Dichloropropene	ND< 8.17
Methylene chloride	ND< 20.4
1,1,2,2-Tetrachloroethane	ND< 8.17
Tetrachloroethene	ND< 8.17
1,1,1-Trichloroethane	ND< 8.17
1,1,2-Trichloroethane	ND< 8.17
Trichloroethene	ND< 8.17
Trichlorofluoromethane	ND< 8.17
Vinyl chloride	ND< 8.17

Aromatics	Results in ug / Kg
Benzene	ND< 8.17
Chlorobenzene	ND< 8.17
Ethylbenzene	ND< 8.17
Toluene	ND< 8.17
m,p-Xylene	ND< 8.17
o-Xylene	ND< 8.17
Styrene	ND< 8.17
1,2-Dichlorobenzene	ND< 8.17
1,3-Dichlorobenzene	ND< 8.17
1,4-Dichlorobenzene	ND< 8.17

Ketones	Results in ug / Kg
Acetone	ND< 40.9
2-Butanone	ND< 20.4
2-Hexanone	ND< 20.4
4-Methyl-2-pentanone	ND< 20.4

Miscellaneous	Results in ug / Kg
Carbon disulfide	ND< 20.4
Vinyl acetate	ND< 20.4

ELAP Number 10958 Method: EPA 826OB Data File: 21488.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature:

Bruce Hoogesteger: Technical Director

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PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges (Additional STARS Compounds)

Client: Day Environmental, Inc.

Client Job Site:	175, 195, 199 Hague St. Rochester, NY	**Lab Project Number:**	04-1393
Client Job Number:	3472S-04	**Lab Sample Number:**	5132
Field Location:	TB-5(0.5')		
Field ID Number:	3472-003	**Date Sampled:**	05/18/2004
Sample Type:	Soil	**Date Received:**	05/20/2004
		Date Analyzed:	05/24/2004

Aromatics	Results in ug / Kg	Aromatics	Results in ug / Kg
n-Butylbenzene	ND< 8.17	1,2,4-Trimethylbenzene	ND< 8.17
sec-Butylbenzene	ND< 8.17	1,3,5-Trimethylbenzene	ND< 8.17
tert-Butylbenzene	ND< 8.17		
n-Propylbenzene	ND< 8.17	**Miscellaneous**	
Isopropylbenzene	ND< 8.17	Methyl tert-butyl Ether	ND< 8.17
p-Isopropyltoluene	ND< 8.17		
Naphthalene	ND< 20.4		

ELAP Number 10958 Method: EPA 8260B Data File: 21488.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature:

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: Day Environmental, Inc.

Client Job Site:	175, 195, 199 Hague St. Rochester, NY	**Lab Project Number:**	04-1393
Client Job Number:	3472S-04	**Lab Sample Number:**	5132
Field Location:	TB-5(0.5')		
Field ID Number:	3472-003	**Date Sampled:**	05/18/2004
Sample Type:	Soil	**Date Received:**	05/20/2004
		Date Analyzed:	05/24/2004

Tentatively Identified Compounds	CAS Number	Retention Time	Results in ug / Kg	Percent Fit
1,1,3-trimethyl Cyclohexane	003073-66-3	7.93	206	90
2,n-dimethyl Heptane	N/A	8.09	64.2	N/A
1,n,n'-trimethyl Cyclohexane	N/A	8.17	93.3	N/A
Alkyl Hydrocarbon	N/A	8.30	66.2	N/A
Alkyl Hydrocarbon	N/A	9.06	111	N/A
Unknown Hydrocarbon	N/A	9.15	55.6	N/A
Unknown Alkane	N/A	9.26	132	N/A
Alkyl Hydrocarbon	N/A	9.41	313	N/A
Unknown Hydrocarbon	N/A	9.58	122	N/A
Unknown Alkane	N/A	9.79	59.1	N/A
Alkyl Hydrocarbon	N/A	9.89	159	N/A
Unknown Hydrocarbon	N/A	10.03	61.4	N/A
Unknown Hydrocarbon	N/A	10.40	99.3	N/A
Alkyl Hydrocarbon	N/A	10.51	110	N/A
Alkyl Hydrocarbon	N/A	10.60	103	N/A
Unknown Hydrocarbon	N/A	10.76	121	N/A
Butyl Cyclohexane	001678-93-9	10.86	74.6	80
Alkyl Hydrocarbon	N/A	11.18	82.0	N/A
Alkyl Hydrocarbon	N/A	11.62	63.9	N/A
Unknown Hydrocarbon	N/A	11.76	59.4	N/A

ELAP Number 10958 Method: EPA 8260B Data File: 21488.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
N/A = Not Applicable

Signature:

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: Day Environmental, Inc.

Client Job Site:	175, 195, 199 Hague St. Rochester, NY	**Lab Project Number:**	04-1393
Client Job Number:	3472S-04	**Lab Sample Number:**	5133
Field Location:	TB-8(3.5')		
Field ID Number:	3472-004	**Date Sampled:**	05/18/2004
Sample Type:	Soil	**Date Received:**	05/20/2004
		Date Analyzed:	05/24/2004

Halocarbons	Results in ug / Kg
Bromodichloromethane	ND< 9.05
Bromomethane	ND< 9.05
Bromoform	ND< 9.05
Carbon Tetrachloride	ND< 9.05
Chloroethane	ND< 9.05
Chloromethane	ND< 9.05
2-Chloroethyl vinyl Ether	ND< 9.05
Chloroform	ND< 9.05
Dibromochloromethane	ND< 9.05
1,1-Dichloroethane	ND< 9.05
1,2-Dichloroethane	ND< 9.05
1,1-Dichloroethene	ND< 9.05
cis-1,2-Dichloroethene	ND< 9.05
trans-1,2-Dichloroethene	ND< 9.05
1,2-Dichloropropane	ND< 9.05
cis-1,3-Dichloropropene	ND< 9.05
trans-1,3-Dichloropropene	ND< 9.05
Methylene chloride	ND< 22.6
1,1,2,2-Tetrachloroethane	ND< 9.05
Tetrachloroethene	ND< 9.05
1,1,1-Trichloroethane	ND< 9.05
1,1,2-Trichloroethane	ND< 9.05
Trichloroethene	73.5
Trichlorofluoromethane	ND< 9.05
Vinyl chloride	ND< 9.05

Aromatics	Results in ug / Kg
Benzene	ND< 9.05
Chlorobenzene	ND< 9.05
Ethylbenzene	ND< 9.05
Toluene	ND< 9.05
m,p-Xylene	ND< 9.05
o-Xylene	ND< 9.05
Styrene	ND< 9.05
1,2-Dichlorobenzene	ND< 9.05
1,3-Dichlorobenzene	ND< 9.05
1,4-Dichlorobenzene	ND< 9.05

Ketones	Results in ug / Kg
Acetone	ND< 45.2
2-Butanone	ND< 22.6
2-Hexanone	ND< 22.6
4-Methyl-2-pentanone	ND< 22.6

Miscellaneous	Results in ug / Kg
Carbon disulfide	ND< 22.6
Vinyl acetate	ND< 22.6

ELAP Number 10958 Method: EPA 8260B Data File: 21489.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature:

Bruce Hoogesteger: Technical Director

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PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges (Additional STARS Compounds)

Client: Day Environmental, Inc.

Client Job Site:	175, 195, 199 Hague St. Rochester, NY	**Lab Project Number:**	04-1393
Client Job Number:	3472S-04	**Lab Sample Number:**	5133
Field Location:	TB-8(3.5')		
Field ID Number:	3472-004	**Date Sampled:**	05/18/2004
Sample Type:	Soil	**Date Received:**	05/20/2004
		Date Analyzed:	05/24/2004

Aromatics	Results in ug / Kg	Aromatics	Results in ug / Kg
n-Butylbenzene	ND< 9.05	1,2,4-Trimethylbenzene	ND< 9.05
sec-Butylbenzene	ND< 9.05	1,3,5-Trimethylbenzene	ND< 9.05
tert-Butylbenzene	ND< 9.05		
n-Propylbenzene	ND< 9.05	**Miscellaneous**	
Isopropylbenzene	ND< 9.05	Methyl tert-butyl Ether	ND< 9.05
p-Isopropyltoluene	ND< 9.05		
Naphthalene	ND< 22.6		

ELAP Number 10958 Method: EPA 8260B Data File: 21489.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature:

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: Day Environmental, Inc.

Client Job Site:	175, 195, 199 Hague St. Rochester, NY	**Lab Project Number:**	04-1393
Client Job Number:	3472S-04	**Lab Sample Number:**	5133
Field Location:	TB-8(3.5')		
Field ID Number:	3472-004	**Date Sampled:**	05/18/2004
Sample Type:	Soil	**Date Received:**	05/20/2004
		Date Analyzed:	05/24/2004

Tentatively Identified Compounds	CAS Number	Retention Time	Results in ug / Kg	Percent Fit
None to report	N/A	N/A	ND< 9.05	N/A

ELAP Number 10958 Method: EPA 8260B Data File: 21489.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
N/A = Not Applicable

Signature:
Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 041393V5.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: Day Environmental, Inc.

Client Job Site:	175, 195, 199 Hague St. Rochester, NY	**Lab Project Number:**	04-1393
Client Job Number:	3472S-04	**Lab Sample Number:**	5134
Field Location:	TB-10(7.5')	**Date Sampled:**	05/18/2004
Field ID Number:	3472-005	**Date Received:**	05/20/2004
Sample Type:	Soil	**Date Analyzed:**	05/24/2004

Halocarbons	Results in ug / Kg
Bromodichloromethane	ND< 7.59
Bromomethane	ND< 7.59
Bromoform	ND< 7.59
Carbon Tetrachloride	ND< 7.59
Chloroethane	ND< 7.59
Chloromethane	ND< 7.59
2-Chloroethyl vinyl Ether	ND< 7.59
Chloroform	ND< 7.59
Dibromochloromethane	ND< 7.59
1,1-Dichloroethane	ND< 7.59
1,2-Dichloroethane	ND< 7.59
1,1-Dichloroethene	ND< 7.59
cis-1,2-Dichloroethene	ND< 7.59
trans-1,2-Dichloroethene	ND< 7.59
1,2-Dichloropropane	ND< 7.59
cis-1,3-Dichloropropene	ND< 7.59
trans-1,3-Dichloropropene	ND< 7.59
Methylene chloride	ND< 19.0
1,1,2,2-Tetrachloroethane	ND< 7.59
Tetrachloroethene	ND< 7.59
1,1,1-Trichloroethane	ND< 7.59
1,1,2-Trichloroethane	ND< 7.59
Trichloroethene	ND< 7.59
Trichlorofluoromethane	ND< 7.59
Vinyl chloride	ND< 7.59

ELAP Number 10958

Aromatics	Results in ug / Kg
Benzene	ND< 7.59
Chlorobenzene	ND< 7.59
Ethylbenzene	ND< 7.59
Toluene	ND< 7.59
m,p-Xylene	ND< 7.59
o-Xylene	ND< 7.59
Styrene	ND< 7.59
1,2-Dichlorobenzene	ND< 7.59
1,3-Dichlorobenzene	ND< 7.59
1,4-Dichlorobenzene	ND< 7.59

Ketones	Results in ug / Kg
Acetone	ND< 38.0
2-Butanone	ND< 19.0
2-Hexanone	ND< 19.0
4-Methyl-2-pentanone	ND< 19.0

Miscellaneous	Results in ug / Kg
Carbon disulfide	ND< 19.0
Vinyl acetate	ND< 19.0

Method: EPA 8260B

Data File: 21490.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature:

Bruce Hoogesteger: Technical Director

This report is part of a multipage document and should only be evaluated in its entirety. Chain of Custody provides additional sample information, including compliance with sample condition requirements upon receipt.

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges (Additional STARS Compounds)

Client: Day Environmental, Inc.

Client Job Site:	175, 195, 199 Hague St. Rochester, NY	**Lab Project Number:**	04-1393
Client Job Number:	3472S-04	**Lab Sample Number:**	5134
Field Location:	TB-10(7.5')		
Field ID Number:	3472-005	**Date Sampled:**	05/18/2004
Sample Type:	Soil	**Date Received:**	05/20/2004
		Date Analyzed:	05/24/2004

Aromatics	Results in ug / Kg	Aromatics	Results in ug / Kg
n-Butylbenzene	ND< 7.59	1,2,4-Trimethylbenzene	ND< 7.59
sec-Butylbenzene	ND< 7.59	1,3,5-Trimethylbenzene	ND< 7.59
tert-Butylbenzene	ND< 7.59		
n-Propylbenzene	ND< 7.59	**Miscellaneous**	
Isopropylbenzene	ND< 7.59	Methyl tert-butyl Ether	ND< 7.59
p-Isopropyltoluene	ND< 7.59		
Naphthalene	ND< 19.0		

ELAP Number 10958 Method: EPA 8260B Data File: 21490.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature:

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: Day Environmental, Inc.

Client Job Site:	175, 195, 199 Hague St. Rochester, NY	**Lab Project Number:**	04-1393
Client Job Number:	3472S-04	**Lab Sample Number:**	5134
Field Location:	TB-10(7.5')		
Field ID Number:	3472-005	**Date Sampled:**	05/18/2004
Sample Type:	Soil	**Date Received:**	05/20/2004
		Date Analyzed:	05/24/2004

Tentatively Identified Compounds	CAS Number	Retention Time	Results in ug / Kg	Percent Fit
None to report	N/A	N/A	ND< 7.59	N/A

ELAP Number 10958 Method: EPA 8260B Data File: 21490.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
N/A = Not Applicable

Signature:

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(585) 647-2530 * (800) 724-1997
FAX: (585) 647-3311

CHAIN OF CUSTODY

REPORT TO:
COMPANY: DAY ENVIRONMENTAL INC
ADDRESS: 40 Commercial Street
CITY: Rochester STATE: NY ZIP: 14614
PHONE: 454 0210 FAX: 454 0825
ATTN: JAY SCHERER
COMMENTS:

INVOICE TO:
COMPANY:
ADDRESS: SAME
CITY: STATE: ZIP:
PHONE: FAX:
ATTN:

LAB PROJECT #: 04-1393
CLIENT PROJECT #: 34725-04

TURNAROUND TIME: (WORKING DAYS) 1 2 3 STD 5 OTHER

PROJECT NAME/SITE NAME: 175, 195, 199 HAGUE ST. ROCHESTER, NY

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	TCL STARS 8260 VOCs + 20 TICs	STARS 8270 SVOC + 20 TICs	RCRA Metals	TPH 310.13	TCL 8270 SVOC BNA	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	5/18/04	0950		X	3472-003 / TB-5 (0.5')	Soil	1	X			X			5132
2	5/18/04	1202		X	3472-004 / TB-8 (3.5')	Soil	1	X	X		X			5133
3	5/18/04	1330		X	3472-005 / TB-10 (7.5')	Soil	1	X						5134
4	5/18/04	1515		X	3472-006 / TB-12 (0.5')	Soil	1			X		X		5135
5	5/19/04	1135		X	3472-007 / TB-17 (1.0')	Soil	1		X	X				5136
6	5/19/04	1340		X	3472-008 / TB-19 (3.0')	Soil	1		X	X				5137
7	5/11/04	1032		X	3472-009 / D-1	Soil	2				X		only TPH 310.13	5138
8														
9														
10														

LAB USE ONLY

SAMPLE CONDITION: Check box if acceptable or note deviation:
CONTAINER TYPE: ✓ PRESERVATIONS: ✓ HOLDING TIME: ✓ TEMPERATURE: ✓ 5°

Sampled By: [signature] Date/Time: 5/20/04 11:00
Relinquished By: [signature] Date/Time: 5/20/04 1415
Received By: [signature] Date/Time: 5/20/04 1415
Relinquished By: Date/Time:
Received By: Date/Time:
Received @ Lab By: Kelly Crandall 5/20/04 Date/Time: 15:54
Total Cost:
P.I.F.

PARADIGM
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue Rochester, New York 585-647-2530 FAX 585-647-3311

PLM BULK ASBESTOS REPORT

Client: Day Environmental, Inc.
Location: 175, 195, & 199 Hague Street
Rochester, New York

Job No: 5116-04
Page: 1 of 1

Sample Date: 5/24/2004
Reissued Date: 5/26/2004

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	TEM	Non-Asbestos Fibers Type & Percentage	Matrix Material %
1	31203	A-1/Basement Boiler Insulation	Gray Fibrous Insulation	Chrysotile 80%	80%		None Detected	20%
2	31204	A-2/Basement Mud Pack	Gray Fibrous Insulation	Chrysotile 80%	80%		None Detected	20%
3	31205	A-3/First Floor 3" Aircell Pipe Wrap	Gray Fibrous Insulation	Chrysotile 80%	80%		None Detected	20%
4	31206	A-4/First Floor 1.5" Aircell Pipe Wrap	Gray Fibrous Insulation	Chrysotile 80%	80%		None Detected	20%
5	31207	A-5/Basement 3" Aircell Pipe Wrap	Gray Fibrous Insulation	Chrysotile 80%	80%		None Detected	20%

NVLAP Lab Code 200530-0

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for identifying and quantifying asbestos in bulk samples").

Date Analyzed: 5/25/2004
Microscope: Olympus BH-2 #232953
Analyst: *J. Peter Donato*

Laboratory Results Approved By:
Asbestos Technical Director
Mary Dohr

Paradigm Environmental Services, Inc. is not responsible for the data supplied by an independent inspector. National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Quality control data (including 95% confidence limits and laboratory and analysts' and precision) is available upon request.

File ID: 5116-04.xls

APPENDIX D

TABLES

TABLE 1

175, 195 & 199 HAGUE STREET
ROCHESTER, NEW YORK

SUMMARY OF DETECTED VOCs IN FLOOR DRAIN D-4
MICROGRAMS PER KILOGRAM (µg/Kg), PARTS PER BILLION (ppb)

DRAIN SAMPLES (Collected May 24, 2004)

DETECTED VOCs (concentrations in µg/kg)	SAMPLE AND LOCATION 3472-010 D-4 5/24/04
TCL/STARS VOCs	
Ethylbenzene	470,000
Toluene	82,700
m,p-Xylene	1,640,000
o-Xylene	498,000
Carbon Disulfide	237,000
Total TCL/STARS VOCs	2,927,700
Total VOC TICs	ND
TOTAL TCL/STARS VOCs & TICs	2,927,700

VOC = Volatile Organic Compound
TICs = Tentatively Identified Compounds
TCL = Target Compound List
STARS = Spill Technology and Remedation Series
ND = Not detected above the laboratory minimum detection limt

TABLE 2

175, 195 & 199 HAGUE STREET
ROCHESTER, NEW YORK

SUMMARY OF DETECTED VOCS IN SOIL/FILL SAMPLES
IN MICROGRAMS PER KILOGRAM (µg/Kg), PARTS PER BILLION (ppb)

SOIL SAMPLES (Collected May 18 and 19, 2004)

DETECTED VOCS	SAMPLE AND LOCATION			NYSDEC TAGM 4046 RECOMMENDED SOIL CLEANUP OBJECTIVE (PPB)[1]
	3472-003 TB-5 (0.5') 5/18/04	3472-004 TB-8 (3.5') 5/18/04	3472-005 TB-10 (7.5') 5/18/04	
TCL/STARS VOCs				
Trichloroethene	ND	73.5	ND	700
Total VOC TICs	2,156.0	ND	ND	N/A
TOTAL TCL/STARS VOCs & TICs	2,156.0	0	ND	≤ 10,000

VOC = Volatile Organic Compound

TICs = Tentatively Identified Compounds

TCL = Target Compound List

STARS = Spill Technology and Remedation Series

ND = Not detected above the laboratory detection limt

N/A = No Standard applicable

(1) = Recommended soil cleanup objectives as referenced in January 24, 1994, NYSDEC Technical and Administrative Guidance Memorandum: Determination of Soil Cleanup Objectives and Cleanup Levels (TAGM 4046) and addendum tables dated August 2001.

TABLE 3

175, 195 & 199 HAGUE STREET
ROCHESTER, NEW YORK

SUMMARY OF RCRA METALS IN SOIL/FILL SAMPLES
IN MILLIGRAMS PER KILOGRAM (mg/Kg), PARTS PER MILLION (ppm)

SOIL SAMPLES (Collected May 13, 18 & 19, 2004)

RCRA METALS	SAMPLE AND LOCATION				NYSDEC TAGM 4046 TYPICAL BACKGROUND RANGES (PPM) [1]	NYSDEC TAGM 4046 RECOMMENDED SOIL CLEANUP OBJECTIVE (PPM)[1]
	3472-002 TP-2 (1.5') 5/13/04	3472-006 TB-12 (0.5') 5/18/04	3472-007 TB-17 (1.0') 5/19/04	3472-008 TB-19 (3.0') 5/19/04		
Arsenic	**19.9**	1.84	8.01	2.54	3-12	7.5 or SB
Barium	184	25.9	88.5	33.0	15-600	300 or SB
Cadmium	4.14	0.760	1.5	0.659	0-1.1	1 or SB (10)[2]
Chromium	13.2	5.31	12.1	5.27	1.5-40	10 or SB (50)[3]
Lead	401	6.07	36.5	2.92	200-500	SB
Mercury	**0.588**	ND	**0.3549**	ND	0.001-0.2	0.1
Selenium	3.34	1.51	3.6	2.54	0.1-3.9	2 or SB
Silver	**9.77**	ND	ND	ND	NA	SB

-- = Analysis not run on sample

RCRA = Resource Conservation and Recovery Act

ND = Not detected above the laboratory detection limt

N/A = No Standard applicable

SB = Site Background

(1) = Recommended soil cleanup objectives (RSCO) and background ranges as referenced in January 24, 1994, NYSDEC Technical and Administrative Guidance Memorandum: Determination of Soil Cleanup Objectives and Cleanup Levels (TAGM 4046) and tables updated in August 2001.

(2) = 1995 TAGM 4046 "proposed" RSCO for Cadmium of 10 ppm

(3) = 1995 TAGM 4046 "proposed" RSCO for Chromium of 50 ppm

0.588 = Exceeds RSCO, proposed RSCO and typical background range

PHASE I ENVIRONMENTAL SITE ASSESSMENT

175, 195 and 199 HAGUE STREET
ROCHESTER, NEW YORK

Prepared for: City of Rochester
30 Church Street
Rochester, New York 14614

Prepared by: Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614-1008

Date: March 8, 2004

Project No.: 3392E-04

TABLE OF CONTENTS

CLIENT AND PROPERTY INFORMATION/SUMMARY OF CONCERNS 1

ASSESSMENT SUMMARY 2

1.0 HISTORICAL DATA 6
- 1.1 Aerial Photographs 6
- 1.2 Topographic Map 6
- 1.3 Sanborn Maps 6
- 1.4 Historical Maps 6
- 1.5 Directories 6
- 1.6 Property Survey Map 6
- 1.7 Building Plan 6

2.0 PUBLIC INFORMATION/AGENCIES 9
- 2.1 NYSDEC FOIL 9
- 2.2 Monroe County Department of Health 9
- 2.3 City of Rochester 9
- 2.4 Records Review 9

3.0 SITE RECONNAISSANCE 17
- 3.1 Fill 17
- 3.2 Debris/Dumping 17
- 3.3 Spillage/Staining 17
- 3.4 Utilities 17
- 3.5 Pits/Ponds/Lagoons 17
- 3.6 Operations/Equipment 17
- 3.7 Topographic Conditions 18
- 3.8 Adjoining Properties 18

4.0 INTERVIEWS 23
- 4.1 Mr. Joseph J. Zappia, Owner of the Assessed Property 23

5.0 ADDITIONAL ISSUES/SERVICES 25

6.0 REVIEW OF PRIOR ENVIRONMENTAL REPORTS/DOCUMENTS 26

7.0 USER PROVIDED INFORMATION 27
- 7.1 Reason for Performing Phase I ESA 27
- 7.2 Title Records 27
- 7.3 Environmental Liens or Activity and Use Limitations 27
- 7.4 Specialized Knowledge 27
- 7.5 Valuation Reduction for Environmental Issues 27

8.0 DEVIATIONS 29

9.0 SIGNATURES/REPORT EXPLANATION 31

APPENDICES

A Site Location Map, Site Sketch, Tax Map, Property Survey Map, and Building Plan
B Site Observations and Site Photographs
C Historical Research Documentation
D Regulatory Records Documentation
E Owner/Occupant Interview Documentation
F References
G Qualifications of Environmental Professionals

- Privileged and Confidential -

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

CLIENT

PREPARED FOR: City of Rochester
30 Church Street
Rochester, New York 14614

CLIENT CONTACT: Mr. Mark Gregor
(585) 428-5978

THIS REPORT HAS BEEN PREPARED FOR EXCLUSIVE USE BY THE CITY OF ROCHESTER, FOR USE ON ITS BEHALF. THE FINDINGS AND RECOMMENDATIONS HEREIN MAY BE RELIED UPON ONLY BY THE CITY OF ROCHESTER. USE OF OR RELIANCE UPON THIS REPORT, ITS FINDINGS AND RECOMMENDATIONS, BY ANY OTHER PERSONS OR FIRM IS PROHIBITED WITHOUT THE PRIOR WRITTEN PERMISSION OF DAY ENVIRONMENTAL, INC.

PROPERTY INFORMATION

ADDRESS: 175, 195, and 199 Hague Street

MUNICIPALITY: City of Rochester

COUNTY/STATE: Monroe County, New York

TAX ACCOUNT #s: 120.32-2-19, 120.32-2-20, and 120.32-2-39

PARCEL SIZE: Approximately 1.26 acres

IMPROVEMENTS:

Industrial Building: An approximate 33,144-square foot, one-story building with two partial basements. Steel, concrete block, wood, and brick construction. Date of construction: 1915, with additions in 1941, 1942, 1955, 1965, and 1970s.

Dwelling: An approximate 1,710-square foot, one-story building with a basement. Wood-frame construction. Date of construction: 1847

Garage: A one-story, slab-on-grade, wood-frame building. Date of construction: Unknown

CURRENT USE: Commercial printing operation and dwelling

CURRENT OWNER: Joseph J. Zappia and Joseph J. & Kathleen M. Zappia

PAST USE: Commercial/light industrial (e.g., tool & die, metal stamping, printing, etc.) since at least 1915 to present; and residential since at least 1847 to present.

SITE CONTACT: Mr. Joseph J. Zappia
(585) 720-9478

SITE LOCATION MAP/ SITE SKETCH: Appendix A

PHOTOGRAPHS: Appendix B

SUMMARY OF RECOGNIZED ENVIRONMENTAL CONDITIONS

RECOGNIZED ENVIRONMENTAL CONDITIONS:

(X) Recognized Environmental Condition(s) Identified

( ) Recognized Environmental Condition(s) Not Identified

FURTHER WORK:

(X) Further Work Recommended

( ) Further Work Not Recommended

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ASSESSMENT SUMMARY

ENVIRONMENTAL STATUS OF PROPERTY:

Day Environmental, Inc. (DAY) performed this Phase I Environmental Site Assessment (Phase I ESA) of 175, 195, and 199 Hague Street, City of Rochester, Monroe County, New York in general conformance with the scope and limitations of ASTM Practice E 1527-00. Any additional services provided as part of this Phase I ESA are described in Section 5.0 of this report. Any exceptions to, or deletions from, this practice are described in Section 8.0 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the assessed property, except for the following:

1. **Historic Use of the Assessed Property:** A review of historical documents such as historical maps, directories, deed records, etc. indicates that the industrial building located on the assessed property has been used as a machine manufacturer, a tool & die facility, a commercial printing operation, potentially a scrap metal company, etc. since at least 1915 (refer to Sections 1.3, 1.4, 1.5, 2.4.5, and 7.2). Also, information obtained from the City of Rochester indicates that there have been past violations/complaints regarding storage practices of solvents, combustible wastes, etc. on the assessed property (refer to Section 2.3). These historic uses and practices at the assessed property are being identified as a recognized environmental condition.

   Also, it has been reported that silk screens used by the printing operation have been washed off in the southeastern interior loading dock of the industrial building (refer to Section 4.1). The waste liquids from the washing process (i.e., which could contain inks, etc.) are discharged into the drain located in this loading dock. At the time of the site visit, a dark sludge and dark liquid were observed in this dock drain (refer to Section 3.4.2). The discharge location of this dock drain is not specifically known. The washing of the silk screens on this loading dock is being identified as a recognized environmental condition.

   It was also reported that silk screens are cleaned off in a washbasin located in the commercial printing portion of the industrial building. It was reported that the discharge location of this washbasin is to the sanitary sewer (refer to Section 4.1), although the discharge location was not confirmed as part of this Phase I ESA. The cleaning of silk screens in this washbasin is being identified as a recognized environmental condition.

   In addition, drains were observed in each of the loading docks located in the unoccupied portion of the industrial building. The discharge location of these drains is unknown.

   Recommendations: Due to the historic uses and practices at the assessed property, it is recommended that a subsurface study be conducted to determine if contamination is present on the assessed property.

   It is also recommended that the sludge and liquid observed in the drain located in the southeastern interior loading dock be removed, characterized (i.e., sampled and analyzed), and disposed in accordance with applicable regulations. This drain system should also be evaluated at the time it is cleaned out to verify its integrity.

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ASSESSMENT SUMMARY (Cont.)

Also, the discharge locations and integrity of the washbasin drainage system and dock drains discussed above should be determined. If documentation cannot be furnished that confirms that the washbasin and dock drains are connected to the municipal sanitary sewer, dye testing should be conducted to determine the discharge location(s). If it is confirmed that the dock drains and washbasin are connected to the municipal sanitary sewer system, and if these systems are of sound integrity, further work would not be needed. However, if connection to the municipal sanitary sewer system cannot be confirmed, or if the integrity of these systems is suspect, additional work could be warranted (i.e., subsurface sampling, etc.).

2. **Potential Storage Tank(s):** At the time of the site visit, a boiler was observed in the basement of the original portion (i.e., unoccupied portion) of the industrial building (refer to Section 3.6.1). An "Operating Instructions" sheet hanging on the wall adjacent to this boiler indicates that this boiler may have been fueled with fuel oil at one time (i.e., the operating instruction sheet indicated a set up for a fuel oil tank). At the time of the site visit, a fuel oil tank was not observed in the basement; however, two sets of pipes were observed in the basement in the area of the boiler. The purpose of these pipes (located on opposite walls) could not be determined at the time of the site visit.

   Also, an approximate 1.5 to 2-inch diameter pipe was observed on the eastern exterior wall of the industrial building near the loading docks associated with the unoccupied portion of this building. It appears possible that this pipe could have been associated with a fuel oil tank, although it is also possible that this pipe serves another purpose (i.e., associated with a sprinkler system, etc.).

   In addition, an approximate one-inch to two-inch diameter pipe was observed on the southwestern exterior corner of the industrial building at the time of the site visit. The exact purpose of this pipe could not be determined at the time of the site visit; however, it appears possible that it could be associated with an underground storage tank.

   Recommendations: It is recommended that the function of the unidentified pipes identified above be determined, in order to evaluate if these pipes are/were associated with tanks. It is also recommended that a subsurface study be conducted in suspected tank locations to evaluate whether tanks are currently located on the assessed property, and to evaluate the potential existence of contamination resulting from the current or past presence of tanks. If tanks exist, it is recommended that any contents of the tanks be removed and disposed in accordance with applicable regulations, and that the tank systems be closed in accordance with applicable regulations. Any closure efforts should be documented so that future inquiries regarding the tank closures can be satisfied. Also, if evidence of contamination is encountered, further investigation/remediation could be warranted.

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ASSESSMENT SUMMARY (Cont.)

Notes:

1. The proposal for this assessment identified the address of the assessed property as 175 and 195 Hague Street; however, according to the City of Rochester Assessor's records, the assessed property is actually addressed as 175, 195, and 199 Hague Street (refer to Section 2.3). In addition, the industrial building located on the assessed property is physically identified as 15 Elser Terrace (i.e., the front of this building faces Elser Terrace, and the number "15" is located on the front of the building). In addition, a review of the City Directories indicates that the assessed property may have also been addressed as 13 Elser Terrace in the past (refer to Section 1.5). Therefore, these additional addresses were used to obtain information from the City of Rochester, the New York State Department of Environmental Conservation (NYSDEC), and the Monroe County Department of Health (MCDOH) (refer to Sections 2.1, 2.2, and 2.3).

2. Although identification of suspect asbestos-containing materials (SACM) is beyond the scope of this Phase I ESA, the following observations are being provided for informational purposes. Damaged SACM pipe insulation, and damaged SACM boiler thermal system insulation was observed on the boiler located in the basement of the unoccupied portion of the industrial building (refer to Section 5.1). Damaged SACM pipe insulation was also observed on the first floor in the unoccupied portion of the industrial building. The information regarding the possible presence of asbestos on the assessed property is being provided for informational purposes, without providing any conclusions or recommendations.

3. At the time of the site visit, apparent debris (e.g., apparent wood pallet, metal, etc.) was observed beneath the snow cover on the southwestern exterior side of the industrial building (refer to Section 3.2). Drums and/or containers were not observed in the debris; however, due to the snow cover, the exact content of the debris could not be confirmed at the time of the site visit. The debris observed is not being identified as a recognized environmental condition in relation to the assessed property at this time. However, it is recommended that this debris be removed from the assessed property, and disposed in accordance with applicable regulations.

4. A review of the NYSDEC Inactive Hazardous Waste Disposal Site (IHWDS) database indicates that a IHWDS (Site #828028A) is located approximately 0.05 miles south of the assessed property (refer to Section 2.4.8). This site is also listed as a confirmed local waste site (refer to Section 2.4.16). Remedial activities have been conducted at this site, and the NYSDEC IHWD report does not specifically indicate that contamination from this site has migrated off-site toward the assessed property. Therefore, this IHWDS and confirmed local waste site are not being identified as a recognized environmental condition in relation to the assessed property at this time. However, the NYSDEC should be contacted periodically to check on the status of the investigation at this site, so that appropriate action can be taken if information is ever developed in the future that indicates that this site is impacting the assessed property.

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ASSESSMENT SUMMARY (Cont.)

5. A review of the NYSDEC Spills/Leaking Storage Tank (LST) database indicates that an active spill (#9212983) is located approximately 0.05 miles south of the assessed property (refer to Section 2.4.12). The NYSDEC Spill Report Form does not indicate that contamination from this site has migrated off-site. Therefore, this active spill is not being identified as a recognized environmental condition in relation to the assessed property at this time; however, the NYSDEC should be contacted periodically to check on the status of the investigation at this spill site so that appropriate action can be taken if information is ever developed in the future that indicates that this off-site spill is impacting the assessed property.

6. A review of the NYSDEC Spills/Leaking Storage Tank (LST) database indicates that an active spill (#0070497) is located approximately 0.5 miles south of the assessed property (refer to Section 2.4.12). The NYSDEC Spill Report Form does not indicate that contamination from this site has migrated off-site. Therefore, this active spill is not being identified as a recognized environmental condition in relation to the assessed property at this time; however, the NYSDEC should be contacted periodically to check on the status of the investigation at this spill site so that appropriate action can be taken if information is ever developed in the future that indicates that this off-site spill is impacting the assessed property.

7. A review of the aerial photographs and historical maps indicates that railroad tracks have been located on the adjoining property to the southwest of the assessed property since at least 1900 (refer to Sections 1.1, 1.3, and 1.4). A review of these historical documents does not indicate that a railroad spur was formerly located on the assessed property, and information has not been obtained that indicates that the assessed property has been used for railroad operations. Therefore, the railroad tracks located on the adjoining property to the southwest of the assessed property are not being identified as a recognized environmental condition in relation to the assessed property at this time.

8. A review of the aerial photographs and historical maps indicates that dwellings and associated outbuildings were previously located on the central and eastern portions of the assessed property (refer to Sections 1.1, 1.3, and 1.4). It is not known whether or not these former buildings had basements, or if demolition materials were disposed on-site (i.e., by filling in the basements, etc.). The apparent demolition of these former buildings is not being identified as a recognized environmental condition in relation to the assessed property at this time. However, if the assessed property is ever redeveloped in the future and if demolition debris is encountered, the demolition debris will need to be handled and disposed in accordance with applicable regulations at that time.

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1.0 HISTORICAL DATA

1.1	**AERIAL PHOTOGRAPHS:**	Monroe County Department of Health Photograph Dates: 1930, 1951, 1961, 1970, 1976, 1988, 1993, 1996, and 1999 See Footnote (1.1)
1.2	**TOPOGRAPHIC MAP:**	Rochester West and Rochester East Quadrangles (maps dated 1995) Attached in Appendix A
1.3	**SANBORN MAPS:**	Environmental Data Resources, Inc. Map Dates: 1912, 1944, and 1971 See Footnote (1.3)
1.4	**HISTORICAL MAPS:**	Plat Book, City of Rochester Published by: J. M. Lathrop & Co. Map Date: 1900 See Footnote (1.4) Sanborn map Map Date: 1912 (updated to 1961) See Footnote (1.4)
1.5	**DIRECTORIES:**	City of Rochester Directory Dates: 1927/28, 1933, 1938, 1943, 1948, 1953, 1958, 1963, 1968, 1973, 1978, 1983/84, 1988, 1993, 1998, and 2003 See Footnote (1.5)
1.6	**SURVEY MAP:**	Denluck-Hyde Engineering & Surveying Associates, P.C. Map Date: 7/22/88 See Footnote (1.6)
1.7	**BUILDING PLAN:**	Moore & Bowles Realtors Map Date: 5/4/76 See Footnote (1.7)

PERTINENT INFORMATION, REFERENCED TO ITS SOURCE, IS SUMMARIZED BELOW:

(1.1) In the 1930 aerial photograph, apparent dwellings are visible on the eastern portion of the assessed property (i.e., along Hague Street), and on the northern portion of the assessed property (i.e., off Elser Terrace). Also, a portion of the existing industrial building is visible on the southwestern portion of the assessed property. A railroad track is visible on the adjoining property to the southwest of the assessed property. The areas surrounding the assessed property appear to be developed residentially and commercially.

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1.0 HISTORICAL DATA (Cont.)

In the 1951 and 1961 aerial photographs, the eastern portion of the assessed property (i.e., along Hague Street) appears to be developed with at least two apparent dwellings. A portion of the existing industrial building is visible on the southwestern portion of the assessed property, with an apparent addition on the northern side and an addition on the eastern side of this building. A railroad track is visible on the adjoining property to the southwest of the assessed property. The areas surrounding the assessed property appear to be developed residentially and commercially.

In the 1970 through 1999 aerial photographs, one apparent dwelling is visible on the eastern portion of the assessed property. It appears that one of the dwellings previously visible on the eastern portion of the assessed property has been demolished between 1961 and 1970. The remaining portion of the assessed property appears to be developed with the existing industrial building, with an apparent parking area on the northern side of the industrial building. A railroad track is visible on the adjoining property to the southwest of the assessed property. The areas surrounding the assessed property appear to be developed residentially and commercially.

Copies of the aerial photographs reviewed are included in Appendix C.

(1.3) In the 1912 Sanborn map, the assessed property appears to be developed with five dwellings, one stable, and one shed. The dwelling identified on the portion of the assessed property addressed as 195 Hague Street appears to represent the existing dwelling observed on the assessed property. A railroad track is identified on the adjoining property to the southwest of the assessed property.

In the 1944 Sanborn map, the assessed property appears to be developed with five dwellings, four auto garages, and a portion of the existing industrial building. Note, one of the auto garages identified on this map is located on the portion of the assessed property addressed as 195 Hague Street. A railroad track is identified on the adjoining property to the southwest of the assessed property.

In the 1971 Sanborn map, the assessed property appears to be developed with the existing dwelling, auto garage, and industrial building. A railroad track is identified on the adjoining property to the southwest of the assessed property.

Copies of the Sanborn maps reviewed are included in Appendix C.

(1.4) In the 1900 Plat Book, the assessed property appears to be developed with several frame dwellings and stables. A railroad track is identified on the adjoining property to the southwest of the assessed property.

In the 1912 Sanborn map (updated to June 1961), the assessed property appears to be developed with four dwellings, four auto garages, and a portion of the existing industrial building. A railroad track is identified on the adjoining property to the southwest of the assessed property.

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1.0 HISTORICAL DATA (Cont.)

(1.5) A review of the City of Rochester directories indicates that the assessed property has been residentially and commercially developed since at least 1927/28. Commercial occupants include a machine manufacturer, a tool & die company, a metal stamping company, commercial printing operation, etc. The historical uses of the assessed property are being identified as a recognized environmental condition.

A summary of the directories reviewed is included in Appendix C.

(1.6) The Denluck-Hyde Engineering & Surveying Associates, P.C. survey map (dated July 22, 1988 and revised August 15, 1988) indicates that the assessed property is developed with a one-story block building (i.e., the industrial building), with an asphalt lot to the north of this block building. This survey map also indicates that a frame garage is located on the eastern portion of the assessed property (i.e., the dwelling associated with this frame garage is not identified on this survey map). A copy of this survey map is included in Appendix A.

(1.7) The Moore & Bowles Realtors building plan (dated May 4, 1976) indicates that the assessed property is developed with a one-story masonry building addressed as 15 Elser Terrace. A copy of this building plan is included in Appendix A.

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2.0 PUBLIC INFORMATION/AGENCIES

2.1 NYSDEC FOIL:

Refer to copies of the FOIL request and FOIL response included in Appendix D
Date of FOIL Request: 1/28/04
Date of FOIL Response: 3/2/04
See Footnote (2.1)

2.2 DEPARTMENT OF HEALTH:

Monroe County
Mr. Joseph Albert
Date of FOIL Request: 1/22/04
See Footnote (2.2)

2.3 CITY OF ROCHESTER:

Records Access Office
Date of 1st FOIL Request: 1/22/04
Date of 1st FOIL Response: 2/6/04
See Footnote (2.3)

Records Access Office
Date of 2nd FOIL Request: 2/25/04
See Footnote (2.3)

Assessor's Office
(585) 428-7221
Date of Records Review: 1/27/04
See Footnote (2.3)

2.4 RECORDS REVIEW:

2.4.1 NPL:

Records Date: 9/9/03
Date of Last Agency Contact for Records Update: 10/9/03

Assessed Property: Not Listed.
1-Mile Radius: None Listed.

2.4.2 CERCLIS:

Records Date: 9/9/03
Date of Last Agency Contact for Records Update: 10/9/03

Assessed Property: Not Listed.
0.5-Mile Radius: None Listed.

2.4.3 CERCLIS NFRAP:

Records Date: 9/4/03
Date of Last Agency Contact for Records Update: 10/9/03

Assessed Property: Not Listed.
Adjoining Properties: None Listed.

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2.0 PUBLIC INFORMATION/AGENCIES (Cont.)

2.4.4 RCRA TSD:

Records Date: 9/9/03
Date of Last Agency Contact for Records Update: 10/9/03

Assessed Property: Not Listed.
0.5-Mile Radius: None Listed.

2.4.5 RCRA GENERATORS (ACTIVE):

Records Date: 10/17/03
Date of Last Agency Contact for Records Update: 10/17/03

Assessed Property: Listed. See Footnote (2.4.5)
Adjoining Properties: None Listed.

RCRA GENERATORS (INACTIVE):

Records Date: 10/17/03
Date of Last Agency Contact for Records Update: 10/17/03

Assessed Property: Not Listed.
Adjoining Properties: None Listed.

2.4.6 CORRACTS:

Records Date: 9/9/03
Date of Last Agency Contact for Records Update: 10/9/03

Assessed Property: Not Listed.
1.0-Mile Radius: Listed. See Footnote (2.4.6)

2.4.7 ERNS:

Records Date: 10/19/03
Date of Last Agency Contact for Records Update: 10/30/03

Assessed Property: Not Listed.

2.4.8 NYSDEC IHWDS:

Records Date: 6/30/03
Date of Last Agency Contact for Records Update: 7/22/03

Assessed Property: Not Listed.
1-Mile Radius: Listed. See Footnote (2.4.8)

2.4.9 NYSDEC HSWDS:

Records Date: 2/15/02
Date of Last Agency Contact for Records Update: 10/30/03

Assessed Property: Not Listed.
0.5-Mile Radius: None Listed.

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2.0 PUBLIC INFORMATION/AGENCIES (Cont.)

2.4.10 NYSDEC SWF:

Records Date: 10/31/03
Date of Last Agency Contact for Records Update: 10/31/03

Assessed Property: Not Listed.
0.5-Mile Radius: None Listed.

2.4.11 FEDERAL UST: Undated

Assessed Property: Not Listed.
Adjoining Properties: None Listed.

2.4.12 NYSDEC SPILLS/LST:

Records Date: 12/31/03
Date of Last Agency Contact for Records Update: 1/5/04

Assessed Property: Listed. See Footnote (2.4.12)
0.5-Mile Radius: Listed. See Footnote (2.4.12)

2.4.13 NYSDEC PBS:

Records Date: 12/31/01
Date of Last Agency Contact for Records Update: 10/30/03

Assessed Property: Not Listed.
Adjoining Properties: None Listed.

2.4.14 NYSDEC MOSF:

Records Date: 12/31/01
Date of Last Agency Contact for Records Update: 10/30/03

Assessed Property: Not Listed.
Adjoining Properties: None Listed.

2.4.15 NYSDEC CBS:

Records Date: 12/31/01
Date of Last Agency Contact for Records Update: 10/30/03

Assessed Property: Not Listed.
Adjoining Properties: None Listed.

2.4.16 LOCAL WASTE SITES: Records Date: 1/27/04

Assessed Property: Not Listed.
0.5-Mile Radius: Listed. See Footnote (2.4.16)

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2.0 PUBLIC INFORMATION/AGENCIES (Cont.)

PERTINENT INFORMATION, REFERENCED TO ITS SOURCE, IS SUMMARIZED BELOW.

(2.1) A Freedom of Information Law (FOIL) request was submitted to the New York State Department of Environmental Conservation (NYSDEC) on January 28, 2004 for information regarding the assessed property. The FOIL response, dated March 2, 2004, included a copy of a May 16, 1994 "Certificate to Operate an Air Contamination Source Process, Exhaust or Ventilation System Unit" (Certificate) for the assessed property (i.e., identified as Pierrepont Visual Graphics). A hand-written note on the Certificate (i.e., apparently written by the owner of the assessed property) indicated that this air emission source had not been used for approximately three years (i.e., since approximately 1991). The NYSDEC did not identify any other files regarding the assessed property. Based on the information presented above, the information obtained from the NYSDEC FOIL response is not being identified as a recognized environmental condition in relation to the assessed property at this time. Copies of the FOIL request and FOIL response are included in Appendix D.

(2.2) Mr. Joseph Albert, Monroe County Department of Health (MCDOH), indicated that the MCDOH has no records on file for the assessed property. Copies of the FOIL request and the FOIL response are included in Appendix D.

(2.3) The City of Rochester Fire Department records include several fire incidents that have been reported for the assessed property, including an incident on 5/2/90 that was referred to the NYSDEC (refer to Section 2.4.12 and Appendix D). These fire incident records are not being identified as a recognized environmental condition in relation to the assessed property at this time.

In addition, the City of Rochester Fire Department records include copies of flammable storage permits that have been issued, as well as fire inspection violations regarding the assessed property. A summary of the pertinent violations/complaints is provided below:

- A complaint form was issued in 1987 to Pierrepont Visual Graphics, Inc. for having "cleaning solvent in open barrel."

- A Notice of Violation was issued to American Tackless (i.e., an apparent former occupant of the assessed building) in 1993 for a violation regarding combustible waste and refuse. This 1993 Notice of Violation indicates that, "A general clean-up shall be made south of dock platform. All articles of no value shall be removed."

Additional information regarding the violations/complaints discussed above was not available. The information obtained does not specifically indicate that the storage practices associated with these violations/complaints resulted in contamination of the assessed property; however, due to the potential for environmental liabilities, these historical storage practices are being identified as a recognized environmental

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2.0 PUBLIC INFORMATION/AGENCIES (Cont.)

condition in relation to the assessed property. Copies of the pertinent records (i.e., the violations/complaints) provided by the City of Rochester Fire Department are included in Appendix D.

The City of Rochester Building Department records indicate that several permits (e.g., demolition permits, remodeling, backflow testing, etc.) have been issued for the assessed property. These records are not being identified as a recognized environmental condition in relation to the assessed property at this time. Copies of the pertinent records provided by the City of Rochester Building Department are included in Appendix D.

An additional FOIL request was submitted to the City of Rochester Records Access Office for information regarding the assessed property (i.e., 195 and 199 Hague Street). As of the date of this report, a response to this request has not been received. If pertinent information is obtained, it will be forwarded as a supplement to this report. A copy of the FOIL request is included in Appendix D.

The Assessor's records reviewed confirmed the owner, size, and tax map numbers of the assessed property, and indicated that the assessed property is serviced by the municipal sanitary sewer system, the municipal water supply system, and natural gas and electric utilities. The Assessor's records did not provide information regarding the environmental status of the assessed property. The Assessor's records indicate that the portion of the assessed property addressed as 195 Hague Street is developed with a 1,710-square foot dwelling that was constructed in 1847. The Assessor's records also indicated that a portion of the assessed property is addressed as 199 Hague Street. The portion of the assessed property addressed as 199 Hague Street is classified as a parking lot, which was paved in 1970. The portion of the assessed property addressed as 175 Hague Street is developed with a 33,144-square foot manufacturing building that was constructed in 1915. The Assessor's records indicate that several additions have been constructed on the assessed building.

(2.4.5) The assessed facility (i.e., identified as Pierrepont Visual Graphics, Inc. at 15 Elser Terrace) is identified as a conditionally exempt RCRA Generator of hazardous waste (refer to Appendix D). This listing does not necessarily indicate that recognized environmental conditions exist at the assessed property; however, the historic use of the assessed property as a commercial printing facility is being identified as a recognized environmental condition due to the types of materials that are used at a printing operation (i.e., inks, paints, solvents, etc.), and the types of wastes that can be generated.

(2.4.6) Two RCRA CORRACTS sites are located within a one-mile radius of the assessed property (refer to Appendix D). Local groundwater in the area of the assessed property appears to flow to the north (refer to Section 3.7). These CORRACTs sites are located approximately one mile west and approximately 0.9 miles northwest of the assessed property, respectively (assumed downgradient/crossgradient directions). Based on the distance and location of these CORRACTS sites from the assessed property, these CORRACTS sites are not being identified as a recognized environmental condition in

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2.0 PUBLIC INFORMATION/AGENCIES (Cont.)

relation to the assessed property at this time. Note, these CORRACTS sites are also identified as NYSDEC IHWD sites (refer to Section 2.4.8).

(2.4.8) Five NYSDEC Inactive Hazardous Waste Disposal Sites (IHWDSs) are located within a one-mile radius of the assessed property (refer to Appendix D). Local groundwater in the area of the assessed property appears to flow to the north (refer to Section 3.7). Four of these IHWDSs are located approximately one mile west, approximately 0.7 miles west, approximately 0.9 miles northwest, and approximately one mile northwest of the assessed property, respectively (i.e., assumed downgradient/crossgradient directions). Based on the distance and location of these four IHWDSs from the assessed property, these IHWDSs are not being identified as a recognized environmental condition in relation to the assessed property at this time.

The remaining IHWDS (#828028A) is located approximately 0.05 miles south of the assessed property (i.e., an assumed upgradient direction). The NYSDEC Inactive Hazardous Waste Disposal (IHWD) report indicates, "Elevated levels of mercury have been found in on-site soils and on-site groundwater." This report also indicates, "On-site soil is contaminated with TCE. Groundwater is also contaminated with TCE." Also, the NYSDEC IHWD report indicates, "The voluntary agreement covers investigation and remediation both on and offsite for the entire 14 acre parcel." Remedial activities have been conducted at this site, and the NYSDEC IHWD report does not specifically indicate that contamination from this site has migrated off-site toward the assessed property. Therefore, this IHWDS is not being identified as a recognized environmental condition in relation to the assessed property at this time. A copy of the NYSDEC IHWD report is included in Appendix D. Note, this site is also identified as a NYSDEC spill site and a confirmed local waste site (refer to Sections 2.4.12 and 2.4.16).

(2.4.12) A review of the NYSDEC Spills/Leaking Storage Tank (LST) database identified 107 closed/inactive spills within a 0.5-mile radius of the assessed property. Two closed spills were identified on the assessed property, and one closed spill was identified on the adjoining property to the east of the assessed property (i.e., at the intersection of Hague Street and O'Neil Street). These spills are summarized below:

- The NYSDEC Spill Report Form for Spill #9001348, reported on 4/30/90, indicates, "cutting oil leaked on to floor & out of building from 2" clip tanks. Oil contaminated soil outside building." A copy of the NYSDEC Spill Report Form is included in Appendix D. Note, this closed spill appears to be associated with a former occupant (K&W Manufacturing) of the assessed property.
- The NYSDEC Spill Report Form for Spill #9202653, reported on 6/2/92, indicates, "Anonymous caller reported dumping of cleaning solvents down into floor drain which empties into sanitary sewer." A copy of the NYSDEC Spill Report Form is included in Appendix D. Note, this closed spill appears to be associated with a former occupant (K&W Manufacturing) of the assessed property.
- The NYSDEC Spill Report Form for Spill #9711284, reported on 1/7/98, indicates, "5-5 gallon containers were abandoned on the street corner right-of-

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2.0 PUBLIC INFORMATION/AGENCIES (Cont.)

way. City of Rochester to dispose of properly." A copy of the NYSDEC Spill Report Form is included in Appendix D.

In addition, 13 closed/inactive unmappable spill sites are potentially located within a 0.5-mile radius of the assessed property. [Note: An unmappable spill site is defined as a spill with incomplete or inaccurate address information provided on the NYSDEC Spill Report Form; therefore, the specific location of the spill site could not be determined.] A spill listed as closed normally indicates that studies and/or remediation at the spill site have been completed, and a spill listed as inactive indicates that although some contamination may remain on the property, the NYSDEC does not require further action at this time. Thus, further investigation regarding the potential impact on the assessed property of these 120 closed/inactive spills does not appear warranted at this time.

Five active mappable spills were also identified within a 0.5-mile radius of the assessed property. Based on a preliminary review of the topographic map, local groundwater in the area of the assessed property appears to flow to the north. One active mappable spill is located approximately 0.4 miles north of the assessed property (i.e., assumed downgradient direction), one active mappable spill is located approximately 0.25 miles east of the assessed property (i.e., assumed crossgradient direction), and one active mappable spill is located approximately 0.25 miles northwest of the assessed property (i.e., assumed downgradient/crossgradient direction). Based on the distance and location of these three active mappable spills from the assessed property, these three active mappable spills are not being identified as a recognized environmental condition in relation to the assessed property at this time.

The two remaining active mappable spills are located in an assumed upgradient direction, and these spills are summarized below:

- Spill #9212983, reported on 2/18/93, is located approximately 0.05 miles south of the assessed property. The NYSDEC Spill Report Form indicates, "While removing 3,000 gal underground lacquer thinner tank, contaminated soil encountered. Product visible on surface water runoff in excavation. No groundwater encountered." The NYSDEC Spill Report Form does not indicate that contamination from this site has migrated off-site. Therefore, this active spill is not being identified as a recognized environmental condition in relation to the assessed property at this time. A copy of the NYSDEC Spill Report Form is included in Appendix D. Note, this site is also identified as a NYSDEC IHWDS and a confirmed local waste site (refer to Sections 2.4.8 and 2.4.16).

- Spill #0070497, reported on 11/16/00, is located approximately 0.5 miles south of the assessed property. The NYSDEC Spill Report Form indicates that, "While removing a 1,000 and 3,000 gallon underground gasoline tank, contaminated soils were encountered. Contaminated soils are being stockpiled." The NYSDEC Spill Report Form does not indicate that contamination from this site has migrated off-site. Therefore, this active spill is

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2.0 PUBLIC INFORMATION/AGENCIES (Cont.)

not being identified as a recognized environmental condition in relation to the assessed property at this time. A copy of the NYSDEC Spill Report Form is included in Appendix D.

(2.4.16) The Monroe County Department of Health (MCDOH) has identified two confirmed local waste sites and one suspect local waste site within 0.5 miles of the assessed property. These waste sites are summarized below:

- Rochester Waste Site #RO-148 is located approximately 0.05 miles south of the assessed property (i.e., assumed upgradient direction). This confirmed local waste site is also identified as a NYSDEC IHWDS (#828028A), and a spill site (refer to Sections 2.4.8 and 2.4.12). Remedial activities have been conducted at this site, and the NYSDEC IHWD report does not specifically indicate that contamination from this site has migrated off-site toward the assessed property. Therefore, this confirmed local waste site is not being identified as a recognized environmental condition in relation to the assessed property at this time.

- Rochester Waste Site #RO-149 is located approximately 0.05 miles south of the assessed property (i.e., assumed upgradient direction). This confirmed local waste site was removed from the NYSDEC IHWDS list (Site #828028B). Since this site has been removed the NYSDEC IHWDS list (i.e., delisted), this site is not being identified as a recognized environmental condition in relation to the assessed property at this time.

The suspect local waste site is located approximately 0.4 miles northwest of the assessed property (i.e., assumed downgradient/crossgradient direction). Based on the distance and location of this suspect local waste site from the assessed property, this suspect local waste site is not being identified as a recognized environmental condition in relation to the assessed property at this time.

A copy of the MCDOH local waste site map is included in Appendix D.

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3.0	**SITE RECONNAISSANCE**	See Footnote (3.0)
	Date of Site Visit:	January 27, 2004
	Assessor:	Pamela M. Loedding
3.1	**FILL:**	No Observations of Concern.
3.2	**DEBRIS/DUMPING:**	No Observations of Concern. See Footnote (3.2)
3.3	**SPILLAGE/STAINING:**	No Observations of Concern. See Footnote (3.3)
3.3.1	**STRESSED VEGETATION:**	No Observations of Concern.
3.3.2	**ODORS:**	No Observations of Concern. See Footnote (3.3.2)
3.3.3	**POOLS OF LIQUIDS:**	No Observations of Concern.
3.4	**UTILITIES:**	
3.4.1	**PCBs/TRANSFORMERS:**	No Observations of Concern. See Footnote (3.4.1)
3.4.2	**FLOOR DRAINS/SUMPS:**	Observations of Concern. See Footnote (3.4.2)
3.4.3	**POTABLE WATER & SEWAGE DISPOSAL:**	No Observations of Concern. See Footnote (3.4.3)
3.4.4	**HEATING & COOLING:**	No Observations of Concern. See Footnote (3.4.4)
3.5	**PITS/PONDS/LAGOONS:**	No Observations of Concern.
3.6	**OPERATIONS/EQUIPMENT:**	
3.6.1	**STORAGE TANKS:**	Observations of Concern. See Footnote (3.6.1)
3.6.2	**DRUMS/CONTAINERS:**	No Observations of Concern. See Footnote (3.6.2)
3.6.3	**HAZARDOUS SUBSTANCES/ PETROLEUM PRODUCTS:**	No Observations of Concern. See Footnote (3.6.3)
3.6.4	**SOLID WASTE:**	No Observations of Concern. See Footnote (3.6.4)
3.6.5	**WASTEWATER:**	No Observations of Concern.
3.6.6	**WELLS:**	No Observations of Concern.
3.6.7	**AIR EMISSIONS:**	No Observations of Concern.
3.6.8	**EQUIPMENT:**	No Observations of Concern. See Footnote (3.6.8)

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3.0 SITE RECONNAISSANCE (Cont.)

3.6.9 MATERIAL STORAGE:	No Observations of Concern.
3.7 TOPOGRAPHIC CONDITIONS:	No Observations of Concern. See Footnote (3.7)
3.8 ADJOINING PROPERTIES:	No Observations of Concern.
North:	Residential properties and Elser Terrace.
East:	Residential properties and Hague Street.
South:	Residential properties.
West:	Railroad track (southwest), a paving company and a plumbing supply company (northwest).

PERTINENT INFORMATION, REFERENCED TO ITS SOURCE, IS SUMMARIZED BELOW

(3.0) At the time of the site visit, the assessed property was developed with a one-story industrial building that is currently occupied by a commercial printing operation, as well as a two-story dwelling and detached auto garage. The exterior portion of the assessed property includes a parking lot and grass-covered areas.

At the time of the site visit, approximately one inch of snow cover was observed in the on-site parking lot, and approximately four to six inches of snow cover was observed on the grass-covered areas of the assessed property, obscuring a complete view of the ground surface. Thus, this assessment is subject to any state of facts that a complete view of the ground surface would have revealed.

At the request of the current owner of the dwelling on the assessed property, interior observations of the dwelling and associated auto garage were not conducted at the time of the site visit. Thus, this assessment is subject to any state of facts that observations of the interior of these two buildings would have revealed.

Access to the dark room located in the commercial printing portion of the industrial building was not possible (i.e., the dark room was in-use) at the time of the site visit. Thus, this assessment is subject to any state of facts that observations of the dark room would have revealed.

At the time of the site visit, it was not possible to observe parts of the western and northern exterior portions of the assessed property due to access limitations (i.e., the industrial building was constructed too close to the buildings on the adjoining properties). Thus, this assessment is subject to any state of facts that observations of the western and northern exterior portions of the assessed property would have revealed.

Reportedly, the silk screens used in the commercial printing operation are washed off in a washbasin, and in the interior loading dock in the southeastern portion of the industrial building (refer to Section 4.1). The discharge location of the drain in the loading dock is not specifically known (refer to Section 3.4.2). It was reported that the washbasin is connected

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3.0 SITE RECONNAISSANCE (Cont.)

to the municipal sanitary sewer system (refer to Section 4.1); however, the discharge location was not confirmed as part of this Phase I ESA. The washing of silk screens in these areas is being identified as a recognized environmental condition in relation to the assessed property.

(3.2) At the time of the site visit, apparent debris (e.g., apparent wood pallet, metal, etc.) was observed beneath the snow cover on the southwestern exterior side of the industrial building. Drums and/or containers were not observed in the debris; however, due to the snow cover, the exact content of the debris could not be confirmed at the time of the site visit. The debris observed is not being identified as a recognized environmental condition in relation to the assessed property at this time; however, this assessment is subject to any state of facts that detailed observations of the debris in this area would have revealed.

(3.3) Ink/paint staining (droplets) was observed on the poured concrete floor in the silk screening area inside the industrial building on the assessed property. The poured concrete floor appeared to be in good condition, and drains were not observed in the area of the silk screening equipment. Therefore, this ink/paint staining is not being identified as a recognized environmental condition in relation to the assessed property at this time.

(3.3.2) At the time of the site visit, solvent-type odors were detected when the flammable storage cabinets were opened in the commercial printing portion of the industrial building; however, the containers in the cabinet did not appear to be leaking. Therefore, these containers are not being identified as a recognized environmental condition in relation to the assessed property at this time.

(3.4.1) A transformer room was observed in the western interior portion of the industrial building. At the time of the site visit, this transformer room was locked; therefore, observations of the interior portion of the transformer room were not possible. Thus, this assessment is subject to any state of facts that observations of the interior portion of this transformer room would have revealed. Reportedly, only the utility company has access to this transformer room (refer to Section 4.1).

(3.4.2) At the time of the site visit, a sump was observed in each of the basements located in the industrial building on the assessed property. The cover on the sump located in the basement of the 1970s addition (i.e., the eastern-most portion of the industrial building) was bolted to the rim of the sump; therefore, it was not possible to remove the cover. Thus, this assessment is subject to any state of facts that observations of the interior of this sump would have revealed.

A sump was also observed in the basement (i.e., adjacent to the boiler) of the 1915 portion of the industrial building (i.e., the north/northwestern portion of the industrial building). No sheens were observed on the liquid inside this sump, and odors or staining were not observed in the area of this sump. Therefore, this sump is not being identified as a recognized environmental condition in relation to the assessed property at this time.

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3.0 SITE RECONNAISSANCE (Cont.)

Reportedly, a sump may be located in the basement of the dwelling located on the assessed property (refer to Section 4.1). Note, at the time of the site visit, observations of the interior portion of the dwelling were not possible (refer to Section 3.0).

At the time of the site visit, a dark sludge-like material was observed in the drain located in the loading dock in the southeastern interior portion of the industrial building (i.e., the portion of the industrial building occupied by the commercial printing company). Reportedly, silk screens are washed off in this area, and the waste liquids are discharged into this dock drain (refer to Section 4.1). A 'haze reducer' cleaner is used to clean the screens, and it was reported that some oil-based inks/paints are used on-site. This dock drain/sludge-like material is being identified as a recognized environmental condition in relation to the assessed property.

A drain was observed in each of the loading docks in the central interior portion of the industrial building (i.e., in the unoccupied portion of the industrial building). No stains, spills, or odors were observed on the poured concrete floor in the area of these drains at the time of the site visit. These drains were covered with a metal plate, which could not be removed at the time of the site visit. The discharge location of these drains is unknown. Therefore, these drains are being identified as a recognized environmental condition in relation to the assessed property at this time.

An apparent drain was observed in the northern loading dock inside the industrial building (i.e., in the unoccupied portion of the industrial building). No stains, spills, or odors were observed in the area of this apparent drain at the time of the site visit. The discharge location of this drain is unknown. Therefore, this drain is being identified as a recognized environmental condition in relation to the assessed property at this time.

A drain was observed adjacent to the furnace observed in the basement of the 1970s building addition. No stains, spills, or odors were observed in the area of this drain at the time of the site visit. Therefore, this drain is not being identified as a recognized environmental condition in relation to the assessed property at this time.

(3.4.3) Reportedly, the assessed property is serviced by the municipal water supply system and the municipal sanitary sewer system (refer to Section 2.3).

(3.4.4) At the time of the site visit, a natural gas-fired furnace was observed in the basement of the 1970s addition to the industrial building, and ceiling-mounted unit heaters were observed in the portion of the industrial building currently occupied by a commercial printing operation.

A boiler was observed on the first floor and a boiler was observed in the basement of the unoccupied portion of the industrial building. Reportedly, these boilers no longer work, and these boilers were previously fueled by natural gas (refer to Section 4.1). Note, it is possible that these two boilers were formerly fueled by fuel oil (refer to Section 3.6.1).

Reportedly, the dwelling located on the assessed property is heated by a natural gas-fired furnace (refer to Section 4.1).

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3.0 SITE RECONNAISSANCE (Cont.)

(3.6.1) At the time of the site visit, a boiler was observed in the basement of the original portion of the industrial building. An "Operating Instructions" sheet hanging on the wall adjacent to this boiler indicates that this boiler may have been fueled by fuel oil at one time (i.e., the operating instruction sheet indicated a set up for a fuel oil tank). A fuel oil tank was not observed in the basement; however, two sets of pipes were observed in the basement in the area of the boiler at the time of the site visit. The purpose of these pipes (located on opposite walls) could not be determined at the time of the site visit. These two sets of pipes are being identified as a recognized environmental condition in relation to the assessed property.

At the time of the site visit, an approximate 1.5 to 2-inch diameter pipe was observed on the eastern exterior wall of the industrial building near the loading docks associated with the unoccupied portion of this building. It appears possible that this pipe could have been associated with a fuel oil tank, although it is also possible that this pipe serves another purpose (i.e., associated with a sprinkler system, etc.). Since the purpose of this pipe could not be determined at the time of the site visit, this pipe is being identified as a recognized environmental condition in relation to the assessed property.

An approximate one-inch to two-inch diameter pipe was observed on the southwestern exterior corner of the industrial building at the time of the site visit. The purpose of this pipe could not be determined at the time of the site visit; however, it is possible that this pipe is associated with an underground storage tank. This pipe is being identified as a recognized environmental condition in relation to the assessed property.

(3.6.2) A 55-gallon drum reportedly containing waste ink/paint (refer to Section 4.1) was observed on the loading dock in the southeastern interior portion of the industrial building. No stains, spills, or odors were observed in the area of this drum at the time of the site visit. Therefore, this drum of waste ink/paint is not being identified as a recognized environmental condition in relation to the assessed property at this time.

(3.6.3) At the time of the site visit, containers of silk screening inks/paints, thinners, degreasers, motor oil, screen cleaners, haze reducer, application fluid, ink retarder, etc. were observed inside the commercial printing portion of the industrial building. Spillage and staining were not observed in the area of these containers; however, a solvent-type odor was detected when the flammable storage cabinets were opened (refer to Section 3.3.2). These containers are not being identified as a recognized environmental condition in relation to the assessed property at this time.

(3.6.4) At the time of the site visit, a Waste Management dumpster was observed on the loading dock in the commercial printing portion of the industrial building, and a Waste Management dumpster was observed on the southern exterior portion of the assessed property. No stains, spills, or odors were observed in the area of these dumpsters; however, snow cover obscured a complete view of the ground surface in the area of the dumpster located on the exterior portion of the assessed property (refer to Section 3.0). These dumpsters are not being identified as a recognized environmental condition in relation to the assessed property at this time.

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3.0 SITE RECONNAISSANCE (Cont.)

Reportedly, cleaning rags are kept in five-gallon containers and transported off-site for cleaning by Cintas (refer to Section 4.1).

(3.6.8) Silk screening equipment was observed in the commercial printing portion of the industrial building. This silk screening equipment is not being identified as a recognized environmental condition in relation to the assessed property at this time.

An air compressor was observed near the woodworking shop in the commercial printing portion of the industrial building. Also, a hydraulic lift plate was observed at the loading dock located in the southeastern interior portion of the industrial building. A hydraulic cylinder was observed beneath this lift plate and above the ground surface. No stains, spills, or odors were observed in the area of this equipment at the time of the site visit. Therefore, this equipment is not being identified as a recognized environmental condition in relation to the assessed property at this time.

(3.7) According to the USGS map, the assessed property is located approximately 528 feet above sea level. The assessed property and surrounding area are relatively level. There are no surface water bodies on the assessed property. Storm water on the assessed property appears to drain off the assessed property via overland flow to the west. Based on a preliminary review of the topographic map, local groundwater in the area of the assessed property appears to flow to the north toward Lake Ontario, which is located more than seven miles from the assessed property. This flow direction may be modified locally due to buried utilities, nearby pumping, seasonal conditions, or other factors.

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4.0 INTERVIEWS

4.1 Mr. Joseph J. Zappia
Owner of the Assessed Property
Date of Interview: 1/27/04

No Concern Identified. See Footnote (4.1)

PERTINENT INFORMATION, REFERENCED TO ITS SOURCE, IS SUMMARIZED BELOW.

(4.1) Mr. Joseph J. Zappia indicated that he has owned/worked at the assessed property since at least 1977/78. Mr. Zappia also indicated that he has no knowledge of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the assessed property; any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the assessed property; or any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products in, on, or from the assessed property.

Listed below is a summary of information provided by Mr. Zappia:

- The assessed property is currently developed with a two-story dwelling with an associated detached auto garage, and a one-story industrial building. (Note, at the request of Mr. Zappia, the interior portions of the dwelling and the associated auto garage were not observed as part of this assessment.) Mr. Zappia indicated that a commercial printing operation has occupied a portion of the industrial building since at least 1977/78, and that a portion of the industrial building is currently vacant.

- The industrial building, measuring approximately 30,465 square feet, was constructed in the early 1900's with at least three additions. There are two basement levels in the industrial building, which contain boilers/furnaces for this building. Mr. Zappia indicated that this building is currently heated by natural gas. Mr. Zappia indicated that, to the best of his knowledge, the industrial building was not previously heated with fuel oil.

- The dwelling measures approximately 1,100 to 1,200 square feet. Mr. Zappia is not aware of the date of construction of the dwelling or the associated auto garage. The dwelling is heated by a natural gas heating system. Mr. Zappia indicated that a sump may be located in the basement of the dwelling. Mr. Zappia also indicated that, to the best of his knowledge, this dwelling has a natural gas-fired heating system.

- The assessed property is serviced by the municipal sanitary sewer system and the municipal water supply system. Two sumps are located in the basements of the industrial building. Mr. Zappia indicated that he does not know the discharge location of these sumps. Also, Mr. Zappia indicated that drains are located in the industrial building; however, he is not aware of the discharge location of these drains.

- A dwelling was demolished near the portion of the assessed property addressed as 195 Hague Street (i.e., on the eastern portion of the assessed property). This

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4.0 INTERVIEWS (Cont.)

dwelling was demolished in the 1970's prior to Mr. Zappia's ownership of the assessed property. Mr. Zappia indicated that he has no additional knowledge (e.g., disposal of demolition materials, etc.) regarding this former dwelling.

- Mr. Zappia indicated that, to the best of his knowledge, materials have not been filled, buried, or dumped on the assessed property. Also, Mr. Zappia indicated that, to the best of his knowledge, storage tanks have not been installed or removed from the assessed property.

- Silk screen printing inks/paints and solvents are used in a portion of the industrial building. Mr. Zappia indicated that, to the best of his knowledge, these materials have not spilled or leaked on the assessed property. Also, Mr. Zappia indicated that some of the inks/paints used in the industrial building may be oil-based.

- Screens are washed off in two areas of the commercial printing portion of the industrial building. These two areas are discussed below:

  - Screens are washed off in a washbasin located in the screen making area. Mr. Zappia indicated that he believes that this washbasin discharges to the sanitary sewer system.

  - Screens are also washed off in the loading dock in the southeastern interior portion of the industrial building. The waste liquids from this washing process (i.e., which could contain inks, etc.) are discharged into a drain located in this loading dock. Mr. Zappia indicated that he does not know the discharge location of this drain.

- Waste Management transports paper waste materials generated in the industrial building off the assessed property for disposal. Rags used for cleaning of silk screening equipment are transported off-site by Cintas. A 55-gallon drum containing waste ink/paint is located on the loading dock in the industrial building. Mr. Zappia indicated that this drum has been on the loading since his company first occupied the industrial building, and that when this drum is full, it will be disposed of off the assessed property.

- Mr. Zappia indicated that a transformer room is located in the vacant portion of the industrial building; however, Mr. Zappia does not have a key for this room. Mr. Zappia indicated that, to the best of his knowledge, Rochester Gas and Electric maintains the transformers that are located in this room. He also indicated that, to the best of his knowledge, Rochester Gas and Electric has the only key(s) to this transformer room.

Documentation of the interview conducted with Mr. Joseph J. Zappia is included in Appendix E.

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5.0 ADDITIONAL ISSUES/SERVICES

5.1	Asbestos-Containing Materials	Not assessed. See Footnote (5.1)
5.2	Radon	Not assessed.
5.3	Lead-Based Paint	Not assessed.
5.4	Lead-in-Drinking Water	Not assessed.
5.5	Wetlands	Not assessed.
5.6	Regulatory Compliance	Not assessed.
5.7	Cultural and Historic Resources	Not assessed.
5.8	Industrial Hygiene	Not assessed.
5.9	Health and Safety	Not assessed.
5.10	Ecological Resources	Not assessed.
5.11	Endangered Species	Not assessed.
5.12	Indoor Air Quality	Not assessed.
5.13	High Voltage Powerlines	Not assessed.
5.14	Mold	Not assessed.

PERTINENT INFORMATION, REFERENCED TO ITS SOURCE, IS SUMMARIZED BELOW.

(5.1) Although beyond the scope of this assessment, damaged suspect asbestos-containing material (SACM) pipe insulation and damaged SACM boiler thermal system insulation was observed on the boiler located in the basement of the original portion of the industrial building. Damaged SACM pipe insulation was also observed on the first floor in the unoccupied portion of the industrial building. The information regarding the possible presence of asbestos on the assessed property is being provided for informational purposes, without providing any conclusions or recommendations.

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6.0 REVIEW OF PRIOR ENVIRONMENTAL REPORTS/DOCUMENTS

6.1 Previous Reports — See Footnote (6.1)

PERTINENT INFORMATION, REFERENCED TO ITS SOURCE, IS SUMMARIZED BELOW.

(6.1) Prior environmental reports/documents regarding the assessed property were not provided to DAY for review as part of this assessment.

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7.0 USER PROVIDED INFORMATION

7.1	Reason for Performing Phase I ESA	See Footnote (7.1)
7.2	Deed Records	See Footnote (7.2)
7.3	Environmental Liens or Activity and Use Limitations	See Footnote (7.3)
7.4	Specialized Knowledge	See Footnote (7.4)
7.5	Valuation Reduction for Environmental Issues	See Footnote (7.5)

PERTINENT INFORMATION, REFERENCED TO ITS SOURCE, IS SUMMARIZED BELOW.

(7.1) Mr. Richard Serafini indicated that this Phase I ESA is being performed for the potential purchase of the assessed property.

(7.2) Corporate/commercial owners identified during the review of the deed records for the portion of the assessed property addressed as 175 Hague Street included Yawman Metal Products, Inc. (2/2/1933, 4/30/1938, 4/3/1939, 7/19/1939, 8/30/1941, and 4/24/1957); The E.C. Brown Co. (6/8/1926); Namway, Inc. (2/2/1933 to 2/24/1937); Eisler Manufacturing Co. (9/23/1915); Elser Terrace, Inc. (5/5/1978 to 5/9/1978), Yawman Metal Products, Inc. to Charles Frank Iron & Metal, Inc. (8/7/1959); the City of Rochester to Yawman Metal Products, Inc. (3/8/1946); and The E.C. Brown Company to Yawman Metal Products, Inc. (10/19/1945). Note, the Eisler Manufacturing Company changed its name to Yawman Metal Products on October 4, 1928. Also, several lots on Elser Terrace and Hague Street were combined into the existing parcel addressed as 175 Hague Street.

An examination of the deed records does not indicate corporate or commercial owners for the portion of the assessed property addressed as 195 Hague Street.

Corporate/commercial owners identified during the review of the deed records for the portion of the assessed property addressed as 199 Hague Street included Charles Frank Iron & Metal, Inc. (11/12/1964); Elser Terrace, Inc. (5/5/1978); and Charles Frank Iron & Metal, Inc. to Elser Terrace, Inc. (5/9/1978).

Information was not available in the deed records regarding the use of the property by these owners. Conclusions reached based upon examination of the deed records are subject to any state of facts, which might be shown by re-date of the deed records beyond the date of certification.

(7.3) Mr. Serafini indicated that it is not known whether or not there are environmental liens, or activity and use limitations against the assessed property.

(7.4) Mr. Serafini does not know if information exists regarding the property that may be pertinent to the environmental professional concerning the property and its

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7.0 USER PROVIDED INFORMATION (Cont.)

environmental condition (i.e., copies of any available prior environmental site assessment reports, documents, correspondence, etc.).

(7.5) Mr. Serafini indicated that it is not known whether or not the value of the property has been reduced below the value of comparable properties due (at least in part) to environmental conditions associated with the property.

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8.0 DEVIATIONS

(8.1) A Freedom of Information Law (FOIL) request was submitted to the City of Rochester Fire Department and Building Department for information regarding the 195 and 199 Hague Street addresses of the assessed property on February 25, 2004. As of the date of this report, a response to this request has not been received. If pertinent information is obtained, it will be forwarded as a supplement to this report. A copy of the FOIL request is included in Appendix D.

(8.2) At the time of the site visit, approximately one inch of snow cover was observed in the on-site parking lot, and approximately four to six inches of snow cover was observed on the grass-covered areas of the assessed property, obscuring a complete view of the ground surface. Thus, this assessment is subject to any state of facts that a complete view of the ground surface would have revealed.

(8.3) At the request of the current owner of the dwelling located on the assessed property, observations of the interior of the dwelling and associated auto garage were not conducted as part of this assessment. Thus, this assessment is subject to any state of facts that observations of these two buildings would have revealed.

(8.4) Access to the dark room located in the commercial printing portion of the industrial building was not possible (i.e., the dark room was in-use) at the time of the site visit. Thus, this assessment is subject to any state of facts that observations of the dark room would have revealed.

(8.5) At the time of the site visit, apparent debris (e.g., apparent wood pallet, metal, etc.) was observed beneath the snow cover on the southwestern exterior side of the industrial building. Drums and/or containers were not observed in the debris; however, due to the snow cover, the exact content of the debris could not be confirmed at the time of the site visit. The debris observed is not being identified as a recognized environmental condition in relation to the assessed property at this time; however, this assessment is subject to any state of facts that detailed observations of the debris in this area would have revealed.

(8.6) At the time of the site visit, it was not possible to observe parts of the western and northern exterior portions of the assessed property due to access limitations (i.e., the industrial building was constructed too close to the buildings on the adjoining properties). Thus, this assessment is subject to any state of facts that observations of these portions of the western and northern exterior portions of the assessed property would have revealed.

(8.7) A transformer room was observed in the western interior portion of the industrial building. At the time of the site visit, this transformer room was locked; therefore, observations of the interior portion of the transformer room were no possible. Thus, this assessment is subject to any state of facts that observations of the interior portion of this transformer room would have revealed.

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8.0 DEVIATIONS (Cont.)

(8.8) At the time of the site visit, the cover on the sump located in the basement of the 1970s addition (i.e., the eastern-most portion of the industrial building) was bolted to the rim of the sump; therefore, it was not possible to remove the cover. Thus, this assessment is subject to any state of facts that observations of the interior of this sump would have revealed.

(8.9) Deed records for the assessed property were reviewed as part of this assessment; however, an abstract of title was not provided for review. Conclusions reached based upon examination of the deed records are subject to any state of facts which might be shown by re-date of the deed records beyond the date of certification. In addition, this assessment is subject to any state of facts which review of an abstract of title might show, directly or indirectly.

(8.10) Mr. Serafini, the potential buyer of the assessed property, indicated that it is not known whether or not there are environmental liens, or activity and use limitations against the assessed property. In addition, Mr. Serafini does not know if information exists regarding the property that may be pertinent to the environmental professional concerning the property and its environmental condition (i.e., copies of any available prior environmental site assessment reports, documents, correspondence, etc.). Mr. Serafini also indicated that it is not known whether or not the value of the property has been reduced below the value of comparable properties due (at least in part) to environmental conditions associated with the property. Thus, this assessment is subject to any state of facts that may have been revealed if Mr. Serafini had knowledge regarding these matters.

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SIGNATURES:

Pamela M. Loedding for

Day Environmental, Inc.
Pamela M. Loedding, Assessor

David D. Day, Pres

Day Environmental, Inc.
David D. Day, President

REPORT EXPLANATION

PURPOSE OF AN ENVIRONMENTAL SITE ASSESSMENT:

The purpose of an environmental site assessment is to perform the appropriate inquiry into the environmental condition of a property to identify the potential CERCLA/SARA liability for the cleanup of hazardous substances, and to establish the defense for such liability.

SCOPE OF A PHASE I ENVIRONMENTAL SITE ASSESSMENT:

This Phase I Environmental Site Assessment has been performed in general conformance with the scope and limitations of ASTM Practice E1527-00. Exceptions to, and/or deletions from, this practice are described in the summary of this report.

A Phase I Environmental Site Assessment is the initial level of inquiry into the history, use and condition of a property and area, which establishes the reasonable presumption that recognized environmental conditions do or do not exist. The Phase I Environmental Site Assessment consists of four (4) basic inquiry components:

1. Review of the title to the property and historical data to identify prior ownership and uses which represent a potential risk for contamination of the property.
2. Review of available public information and environmental records to identify site and area facilities, conditions, activities and substances of use of recognized environmental condition that have been recorded by federal, state and local agencies.
3. Site reconnaissance of the property to identify conditions which indicate the presence or potential presence of hazardous substances and contamination.
4. Interviews with the owners, operators and persons familiar with the site and area to identify conditions and operations of recognized environmental condition.

The Phase I Environmental Site Assessment will conclude that either (a) further inquiry into the environmental status of a property is not needed and appropriate inquiry has been performed or (b) further inquiry is needed to appropriately assess the environmental status of the property.

NON-CERCLA/SARA LIABILITIES:

There are risks associated with the environmental condition of a property which are not a potential CERCLA/SARA liability and are not subject to incurrence of response costs under CERCLA. Due to the frequency of occurrence, the scope of the Phase I Environmental Site Assessment has been expanded to include the identification of petroleum liabilities. No other assessment of non-CERCLA/SARA liabilities has been performed unless specifically identified in the report.

NOTES:

NOTES are used in the Assessment Summary either to identify special property conditions, or to identify and explain conditions which might characteristically be a potential recognized environmental condition, but where the assessment inquiry has not established the reasonable presumption that an environmental liability does exist.

DATA QUALIFICATION:

Environmental site assessment conclusions are made based on the data available for the dates identified. The conclusions are subject to any state of facts which would be identified by updated data. No assurances are made as to the accuracy or completeness of data obtained from outside information sources. Also, it is possible that not all existing sites within the search radii specified in Section 2 of this report have been identified, due to factors such as urban density and potential insufficiencies in the databases.

SITE VISIT QUALIFICATION:

Where the site observations are limited to representative areas, or where facilities are inaccessible for observation, the environmental site assessment conclusions are subject to any statement of facts which access to those areas would have revealed.

ABBREVIATIONS/ACRONYMS:

ASTM – American Society for Testing and Materials
CERCLA – Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS – Comprehensive Environmental Response, Compensation, and Liability Information System
EPA – (United States) Environmental Protection Agency
ERNS – Emergency Response Notification System
FOIL – Freedom of Information Law
LUST – Leaking Underground Storage Tank
N/A – Not Applicable; Not Available
NPL – National Priorities List
NYS – New York State
NYSDEC – New York State Department of Environmental Conservation
PBS – Petroleum Bulk Storage
RCRA – Resource, Conservation, and Recovery Act
SACM – Suspect Asbestos-Containing Material
SARA – Superfund Amendments and Reauthorization Act of 1986
TSD – Treatment, Storage, and Disposal
UST – Underground Storage Tank

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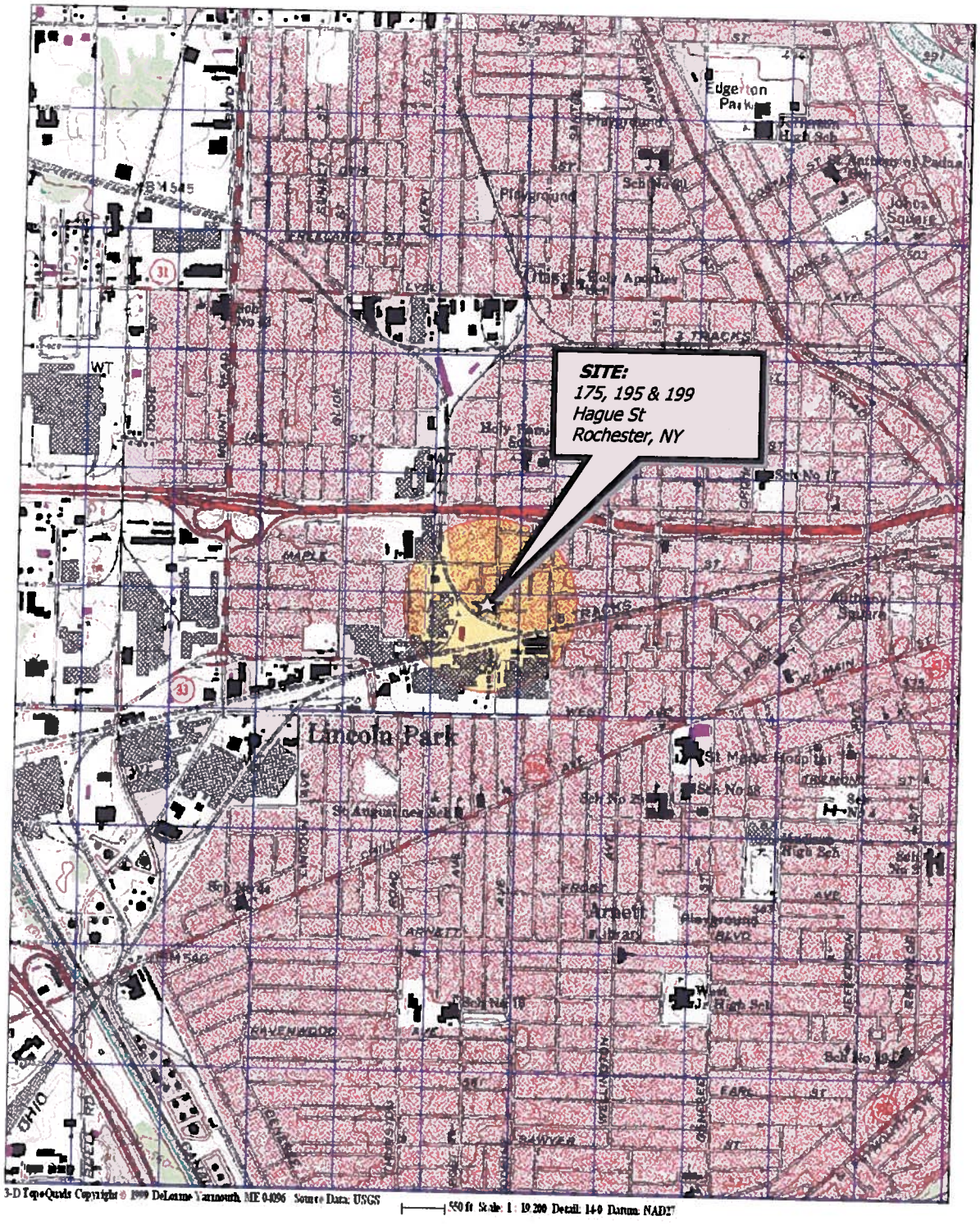
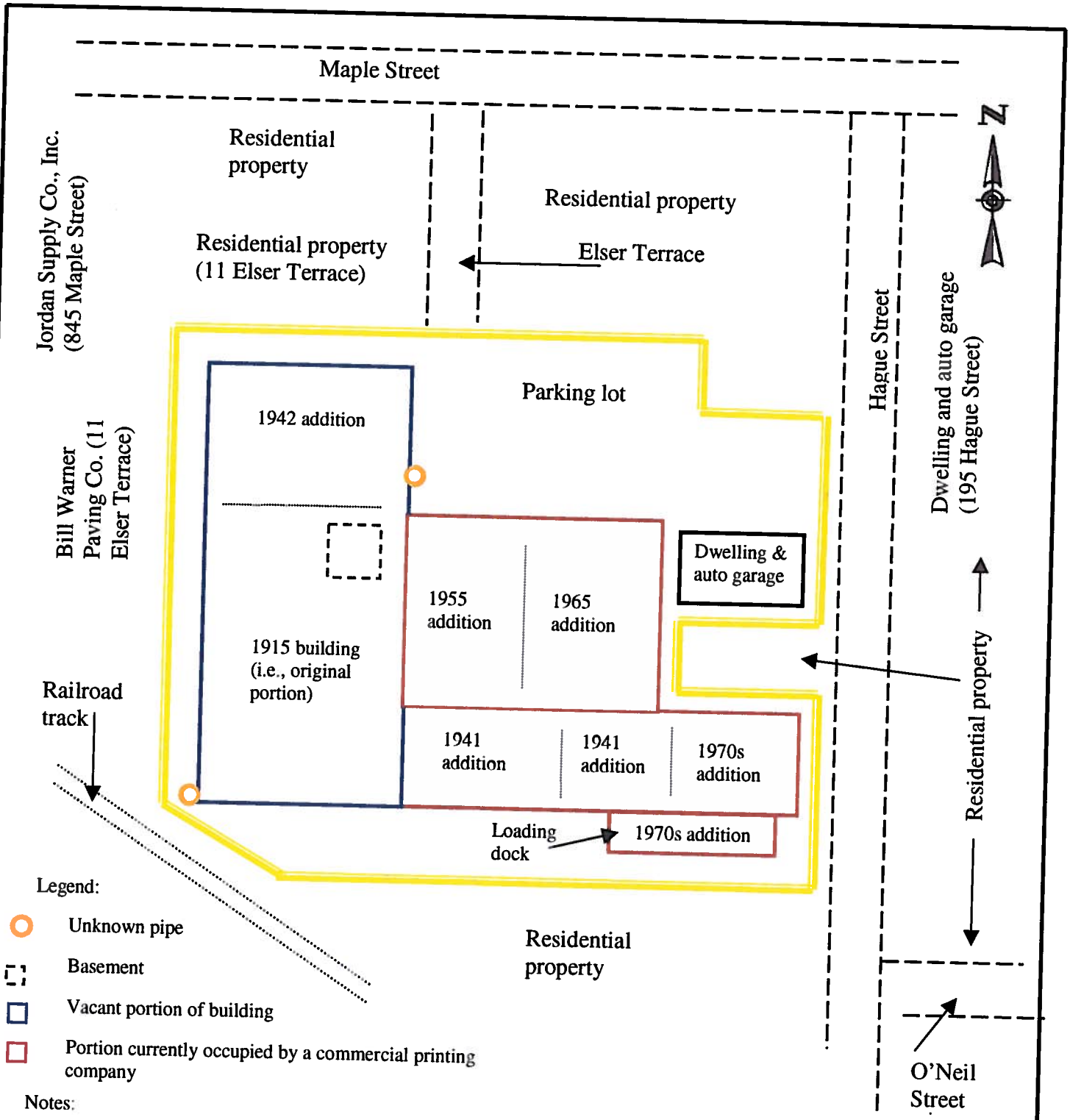
APPENDIX A

Site Location Map, Site Sketch, Tax Map
Property Survey Map, and Building Plan



Drawing Produced From: 3-D TopoQuads, DeLorme Map Co., referencing USGS quad maps Rochester West (NY) 1995 and Rochester East (NY) 1995. Site Lat/Long: N43°09.22' – W77°38.83'

DATE 01-22-2004 DRAWN BY Tww SCALE 1" = 2000'	day DAY ENVIRONMENTAL, INC. ENVIRONMENTAL CONSULTANTS ROCHESTER, NEW YORK 14614-1008	PROJECT TITLE 175, 195 & 199 HAGUE STREET ROCHESTER, NY PHASE I ASSESSMENT DRAWING TITLE PROJECT LOCUS MAP	PROJECT NO. 3392E-04 FIGURE 1

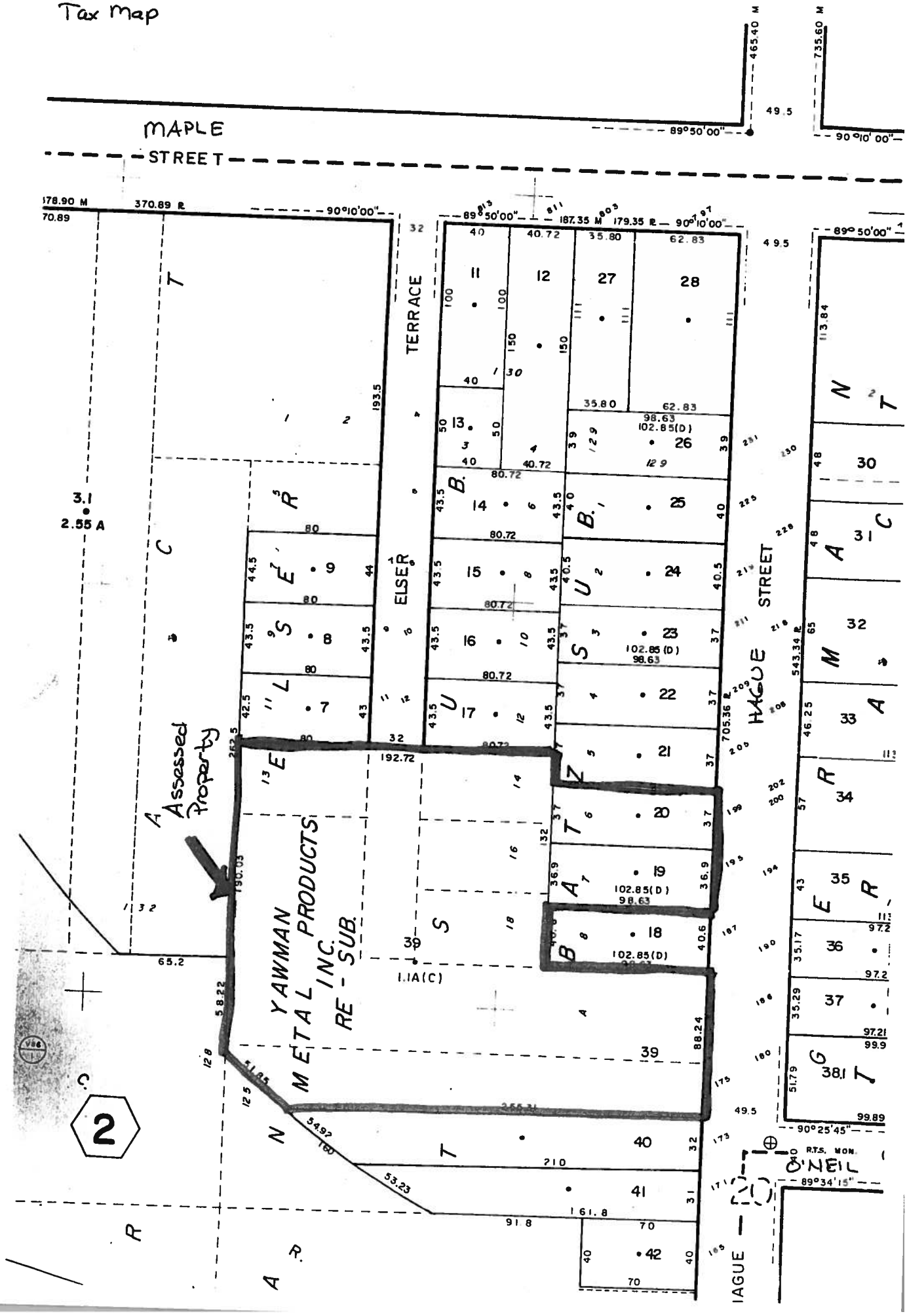


Notes:

1) Site sketch based on observations made at the time of the site visit performed by a Day Environmental, Inc. representative on January 27, 2004.
2) The highlighted area is only a representation of the assessed property, and does not depict the actual property boundaries of the assessed property.

DATE 2/2/2004 DRAWN BY pml SCALE Not to Scale	day DAY ENVIRONMENTAL, INC. ENVIRONMENTAL CONSULTANTS ROCHESTER, NEW YORK 14614	PROJECT TITLE 175 195 & 199 Hague Street Rochester, New York PHASE I ASSESSMENT DRAWING TITLE SITE SKETCH	PROJECT NO. 3392E-04 FIGURE 2

City of Rochester
Tax Map



APPENDIX B

Site Observations and Site Photographs

Day Environmental, Inc.

SITE OBSERVATIONS

Project No.: Rocity 3392E-04 Date: 1/27/2004 Assessor Name: pml

Property Address: Pierrepont Visual Graphics Inc & Dwelling and Garage
175, 195 + 199 Hague Street
Rochester New York

Persons Present/Title: Joe Zappia - owner of property

Locality: (circle one) (Urban), Suburban, Rural
(Highly), Moderately, Lightly Developed
Industrial, (Commercial), Agricultural, (Residential), Wooded, Fallow, Vacant

No. of acres: ~1.24 Frontage: — Depth: —

GROUND SURFACES:

Fill materials: yes/(no) *
Debris/Dumping: (yes)/no * on west exterior side of industrial building
Spills/Staining: (yes)/no * / printing ink on floor in industrial building
Stressed Vegetation: yes/(no) *
Odors: yes/(no) *
Pools of Liquid: yes/(no) *
Pits/Ponds/Lagoons: yes/(no) *
Wastewater discharge: yes/(no) *
Trees — Landscaping — Green area ✓

* Snow cover: approximately 1" in parking lot
4-6" on grass-covered areas

UTILITIES:

room locked no key available

# of Transformer(s)	?	# of Transformer(s)	
Location on property	original bldg	Location on property	
Pole-mounted or pad-mounted	pad/ground	Pole-mounted or pad-mounted	
Ownership	RG & E	Ownership	
Suspect PCB equipment	unknown	Suspect PCB equipment	
Condition of casing	unknown	Condition of casing	
Staining or spillage observed	unknown	Staining or spillage observed	

Property serviced by:
Natural gas ✓
Electric ✓
Telephone ✓
Sewer ✓ Date of Connection: unknown
Septic — Location on Property: —
Water ✓ Date of Connection: unknown
Water Supply
Well — Location on Property: —

Date: 01/28/00
Revised 9/23/2003

pml

BUILDING:

Building Designation: industrial building

No. of stories 1
Age of construction 1900's
Additions: 3 - last one in 1972/73
Circle: (Basement) Slab-on-grade Attic Crawlspace
↳ 2 partials
Envelope: block/poured concrete ✓ brick ✓
steel ✓ wood ✓
siding (type) —
Roof Type: peaked or (flat) type of material built-up

Existing Heating System: Natural gas-fired since 1977/78
Past Heating System: type unknown prior to 1977/78; possibly fuel oil (see notes)
Floor drains: (yes)/no discharge point unknown
Sump pumps: (yes)/no discharge point unknown
Catch basins: yes/no discharge point
↳ unknown due to snow cover
Current on-site operations: commercial printing & vacant suite
Past on-site operations: tool & die

Building Designation: Dwelling

At the request of Joe Zappia, observations were not conducted on the interior portion of the dwelling.

No. of stories 2
Age of construction 1847
Additions: No
Circle: (Basement) Slab-on-grade Attic Crawlspace
Envelope: block/poured concrete brick
steel wood ✓
siding (type)
Roof Type: (peaked) or flat type of material shingles

Existing Heating System: Natural gas since 1980± - reported by J. Zappa
Past Heating System: unknown
Floor drains: yes/no discharge point
Sump pumps: yes/no discharge point Zappa - there may be a sump in the basement
Catch basins: yes/no discharge point
unknown

Current on-site operations: residential since 1847
Past on-site operations:

BUILDING (cont.):

Building Designation: Auto Garage (associated with dwelling)

At the request of Joe Zappia, observations were not conducted on the interior portion of this building

No. of stories 1 square foot unknown
Age of construction unknown
Additions: No
Circle: Basement (Slab-on-grade) Attic Crawlspace

Envelope: block/poured concrete _____ brick _____
steel _____ wood ✓
siding (type) _____

Roof Type: (peaked) or flat type of material shingles

Existing Heating System: None reported
Past Heating System: —

unknown
Floor drains: yes/no discharge point _____
Sump pumps: yes/no discharge point _____
Catch basins: yes/no discharge point _____

Current on-site operations: auto garage since construction

Past on-site operations: —

SUSPECT ASBESTOS-CONTAINING MATERIALS: Industrial Building

Was asbestos evaluated as part of this assessment? Yes (No)
Does the age of the building suggest the presence of asbestos: Yes No
Date of construction: _____
Has the building been renovated: Yes No Unk.
Date of renovation: _____

Floor materials: _____ 9" x 9" _____ 12" x 12"
_____ rolled vinyl flooring _____ stair treads

Ceiling tiles: _____ 1' x 1' _____ 2' x 2'
_____ 2' x 4' _____ Spray-on

Drywall/Plaster _____ TSI _____
Pipe Wrap _____ Boiler TSI _____
Base Cove _____ Transite _____
Roofing _____

Condition of materials: Note, damaged pipe insulation and damaged boiler TSI was observed in a portion of the industrial building.

Date: 01/28/00
Revised 9/23/2003

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SUSPECT LEAD-BASED PAINT: Industrial Building

Was lead-based paint evaluated as part of this assessment? Yes (No)
Does the age of the building suggest the presence of lead-based paint: Yes No
Date of construction: _____
Has the building been renovated: Yes No Unk.
Date of renovation: _____

Condition of paint: Good Damaged
If damaged, does paint appear to be (circle one):

Peeling Flaking Chipping Other _____

Comments: _____

STORAGE TANKS:

USTs	Capacity	Product	Location on Property
None observed	Tank 1		
	Tank 2		

Staining, Stressed or Dead Vegetation _____
Odors Detected _____
Tanks Registered _____
Any tanks removed from the property _____
contractor/date _____

ASTs	Capacity	Product	Location on Property
None observed	Tank 1		
	Tank 2		

Staining, Stressed or Dead Vegetation _____
Odors Detected _____
Tanks Registered _____
Any tanks removed from the property _____
contractor/date _____

Comments: Two sets of pipes were observed in the boiler room in the original portion of the industrial building. Operating instructions next to boiler indicate instructions for fuel oil tank set up.

Curved pipe (1.5" – 2" diameter) on east exterior wall near loading docks for unoccupied portion of industrial building. Purpose unknown.

1" to 2" diameter pipe in ground on S.W. exterior corner of the industrial building. Purpose unknown.

Day Environmental, Inc.
Field Notes, page 5
Project No. 3392E04

HAZARDOUS MATERIALS: for industrial building

stored on-site ✓ used on-site ✓
MSDS on-site (yes) no received some copies
List materials (type, size of containers, spills, odors. etc.)
silk screening inks screen cleaners ink retarder
thinners haze reducers
degreasers application fluid
motor oil
Evidence of Spillage/Leakage/Odors:
Staining - None observed
Solvent odor present in flammable storage cabinets.

WASTES: for industrial building

Solid: type paper, empty paint containers
container dumpster
collector Waste Managements

Recycling: type –
container
collector

Other: type rags
container 5-gallon pail
collector Cintas

type –
container
collector

Evidence of Spillage/Leakage:
None observed

Date: 01/28/00
Revised 9/23/2003

pml

PERMITS (air, water, etc.): Industrial Building
(obtain copies)

None reported

EQUIPMENT: for industrial building

silkscreening equipment

Evidence of Spillage/Leakage:
ink/paint drippings on floor near equipment

GENERATORS OR COMPRESSORS (fuel source; spills, staining)

air compressor - near wood working shop industrial building

Evidence of Spillage/Leakage:
None observed

ADJOINING PROPERTIES:

North: residential properties & Elser Terrace

South: residential properties

East: residential properties & Hagera Street

West: railroad track (south west)
plumbing supply distributer (north west)
paving company

Day Environmental, Inc.
Field Notes, page 7
Project No. 3392604

Indostral Building

Additional Notes:

Offices - Michael R. Zappia Photography

Pierrepont Visual Graphics

Maintenance Room - cabinet with cleaning products
↳ no staining or odors observed

Art Dept. - no access to Dark Room (in use)

Screen Making Room

emulsion added/placed on film.

excess emulsion washed off in sink/wash basin

Zappia - sink is connected to sanitary sewer

5-gallon container `Image Technology
Degreaser DGR-800'

two boxes of wood glue

1-quart bottles of screen cleaner

no floor drains observed

no staining observed on floor

Signature of Assessor: Pamela M Loveday

Date: 01/28/00
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Day Environmental, Inc.
Field Notes, page 8
Project No. 3392E04

Industrial Building

Additional Notes:

Screen printing area

1-quart containers of motor oil

printing inks - various sized containers

ink staining on poured concrete floor

1-gallon containers of application fluid

(label indicates 'contains no silicone')

ink/paint droplets on poured concrete floor. No drains observed. Floor looks in good condition.

'Rapid Prep' to remove/clean screens prior to painting

flammable cabinets - some labeled silkscreen paint

contain open containers of inks:
- scotch-cal developer
- sprays
- flammable developers

examples of: Nazdar 9731 Retarder

VF190 thinner - petroleum distillate

RE182 Screen Ink Retarder

several different types of thinners, retarders, etc.

1-gallon containers; solvent type odor present (when doors were open)

no spillage observed but cardboard was observed on bottom of cabinet

Signature of Assessor: Pamela M Laudding

Date: 01/28/00
Revised 9/23/2003

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Day Environmental, Inc.
Field Notes, page 9
Project No. 3392E-04

Industrial Building

Additional Notes:

T-shirt screening area

3 flammable cabinets - no spillage or odors observed
5-gallon containers of Syntol petroleum naphtha
lacquer thinner
Isopropanol
press wash
acetone
remaining 2 cabinets contain various sized
containers of paints/inks

air compressor - no staining observed

Wood shop - no environmental concerns observed

Loading dock (S.E. portion) drain = dark liquid/sludge inside drain
Zappia -
Note some inks/paints are screens are washed off in dock
(Zappia) reportedly oil-based.
and water-based emulsion is washed
Discharge location of into drain
drain is not known
- water stains on floor; no ink/paint
stains visible; no odors observed

Signature of Assessor: Pamela M Lawrence

Date: 01/28/00
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Field Notes, page 10
Project No. 3992E-04

Industrial Building

Additional Notes:

Loading dock (southeast portion of building)

hydraulic lift plate - debris beneath plate

concrete bottom; no staining observed

hydraulic cylinder above ground

55-gallon drum - waste inks - no staining or odors observed

dumpster - Waste management

5-gallon container of Haze Reducer - cleaner for screens

power washer

water observed on poured concrete floor in dock,

but no ink staining or other staining observed

Basement - natural gas furnace installed in summer 2003
(1972/73 portion)

floor drain - no staining or odors observed

sump - pump replaced a few times since 1972/73

cannot remove cover - bolted down

no staining on floor around sump

Signature of Assessor: Pamela M Loveding

Date: 01/28/00
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Industrial Building
Additional Notes:

Vacant Portion

Basement- (under original portion of building)
boiler- no longer in use; natural gas-fired
fire sprinkler/supression system
portable air compressor- no staining observed
operating instructions for boiler (sheet posted on wall)
dated October 1962 (installation)
indicated fuel oil tank set up instructions
no tank observed; potential fill pipe/vent pipe
observed - two sets on opposite wall near boiler.
sump; no sheens on water; no odors
boiler - sits below floor level
water surrounding boiler; no sheens on water

First Floor
toledeo scale
poured concrete floor
Northern loading dock- (no staining around apparent drains) possible drain; metal plate cover
two loading docks - central portion
drains in dock; metal covers, could not
remove covers; no staining observed on floor around drains

Signature of Assessor: Pamela M Lederer

Date: 01/28/00
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Field Notes, page 12
Project No. 3392E04

Additional Notes:

Industrial Building

Vacant Area

Offices, restroom rooms

no drains observed in these areas

Zapper indicated that the boilers in this area no longer work (not being used). Heating system was fueled by natural gas since his ownership. No knowledge of fuel oil heating system or fuel oil tank (s).

Exterior:

Snow cover 1" in parking lt

4"-6" on grass areas

Waste management dumpster on south side

possible debris on southwest side near RR tracks

1" to 2" diameter pipe in ground on SW corner of industrial building - possible tank pipe

- - - it was not possible to walk around all sides of building (i.e. the northern & western sides)

No access to dwelling or associated garage

Signature of Assessor: Pamela M Leedding

Date: 01/28/00
Revised 9/23/2003

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Additional Notes:

Exterior:

1.5" to 2" diameter pipe on east / northeastern wall - possible vent pipe for a staircase tank

Parking lot on north side of industrial building

Signature of Assessor: Pamela M Loeading