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environmental services

BASELINE ENVIRONMENTAL ASSESSMENT CONDUCTED PURSUANT TO SECTION 20126(1)(C) OF 1994 PA 451, PART 201, AS AMENDED AT FORMER DETROIT ELEVATOR COMPANY 1938 FRANKLIN STREET DETROIT, MICHIGAN 48216

Prepared for

THE ELEVATOR RDR, LLC
2154 PINE HOLLOW TRAIL
BRIGHTON, MICHIGAN 48114

AKT Peerless Project No. 5324d2-2-25
January 31, 2007

FOR DEQ USE ONLY
ITS#_____
Site ID#_____

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
REMEDIATION AND REDEVELOPMENT DIVISION

NOTICE REGARDING DISCARDED OR ABANDONED CONTAINERS (FORM EQP4476 REV. 4/03))
(Under the authority of Part 201, 1994 Act 451, as amended, and the Rules promulgated thereunder)

Use this form to disclose information related to underground storage tanks (UST) and discarded or abandoned containers required in a Baseline Environmental Assessment (BEA) pursuant to the Part 9 Rules. Submission of this form in a BEA also satisfies the notification requirements of Rule 1015(1) of the Part 10 Rules. This form may also be used, NOT in conjunction with a BEA, to satisfy the notification requirements of Rule 1015(1) of the Part 10 Rules.

All persons providing this notice must complete Section I. Section II must be completed by only those persons who are submitting this form NOT in conjunction with a BEA.

SECTION I

1. Name and Address of person subject to Section 7a:
The Elevator RDR, LLC
2154 Pine Hollow Trail
Brighton, Michigan 48114

2. Address/location of property where containers are located:
1938 Franklin Street
Detroit, Michigan 48226

County: Wayne

3. What is your status relative to the property?

	Current	Prospective
Owner	☒	☐
Operator	☐	☐

4. Provide a scaled map or drawing of the property that identifies the property boundaries and surrounding property uses. Depict the approximate location(s) of all known discarded or abandoned containers on the drawing. Refer to the locations when completing the attached table.

5. Provide photographs, if practical, that depict the location and general condition of the containers.

6. Complete the attached table.

7. If this form is being submitted in conjunction with a BEA, skip Section II and go to Signature section.

SECTION II

8. Did you previously submit a BEA to the DEQ for this property? Yes ☐ No ☒ If yes, provide the following information:
8a. Provide the date the BEA was submitted. _____
8b. Provide the BEA Disclosure or Petition Number, if available. _____

9. Do you anticipate submitting a BEA for the property? Yes ☒ No ☐

10. Provide the date you became the owner or operator of this property. March 8, 2007

11. When did you first acquire knowledge of the UST(s) or discarded or abandoned container(s)? January 19, 2007

With my signature below, I certify that the information provided herein is true and accurate to the best of my knowledge and belief. I understand that intentionally submitting false information to the DEQ is a felony and may result in fines of up to $25,000 for each violation.

Douglas J. Browne — 4/9/2007
Signature of owner or operator or person legally authorized by owner or operator — Date

Douglas J. Browne — Director / Member
Name (typed or printed) — Title (typed or printed)

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
REMEDIATION AND REDEVELOPMENT DIVISION

NOTICE REGARDING UNDERGROUND STORAGE TANKS AND DISCARDED OR ABANDONED CONTAINERS

A LOCATION	B CONTAINER SIZE AND TYPE	NUMBER OF CONTAINERS	D VOLUME OF HAZARDOUS SUBSTANCE(S)	E CONTENTS	F CONDITION OF CONTAINER	G PHOTOS PROVIDED
Southwestern corner of building	55-gallon drum	1	55-gallons	Not determined	Poor	Yes
Near southern wall of building	5-gallon bucket	1	5-gallons	Not determined	Fair	Yes
Southwestern corner of building	55-gallon drum	4	55-gallons	Not determined	Poor	Yes
Tool room	3-gallon container	1	3-gallons	Labeled Texaco Crater Compound	Poor	Yes

FOR DEQ USE ONLY
BEA Disclosure #_____

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
REMEDIATION AND REDEVELOPMENT DIVISION

DISCLOSURE OF A BASELINE ENVIRONMENTAL ASSESSMENT
(FORM EQP4446 (REV. 4/03))

(Under the authority of Part 201, 1994 Act 451, as amended, and the Rules promulgated thereunder)

DO NOT use this form for requesting a Baseline Environmental Assessment ("BEA") adequacy determination, OR if the property is not a facility, OR if the BEA was complete before the effective date of the BEA rules. *Please answer the following questions as completely as possible.*

Name and address of submitter (individual or legal entity):*
The Elevator RDR, LLC
2154 Pine Hollow Trail
Brighton, Michigan
48114

Status relative to the property:

	Former	Current	Prospective
Owner*	☐	☒	☐
Operator*	☐	☐	☐

Address/location of property where BEA was conducted:
1938 Franklin Street
Detroit, Michigan 48226

County: Wayne

Provide the property tax identification number(s) or, if applicable, the ward and item number(s) for the property identified in the BEA. Required pursuant to Rule 907.
09/000031-2

Contact person: Doug Browne Telephone #: 248.761.0689

If the address of the person seeking liability protection above is different from the address that should be used to correspond with the contact person, please provide the contact person's address:

_____
_____
_____

Check the appropriate response to each of the following questions.

	YES	NO
1. Is it known that the source of contamination at the property is primarily from any of the following?		
☐ **A leaking underground storage tank (UST) regulated under Part 213, 1994 PA 451, as amended.**	☐	☒
☐ **A licensed landfill or solid waste management facility.**	☐	☒
☐ **A licensed hazardous waste treatment, storage, or disposal facility.**	☐	☒
☐ **Oil and gas development related activities.**	☐	☒

The source of the release that resulted in this property becoming a "facility" will determine which DEQ division will maintain a file regarding this BEA.

2. Based on the Part 201 Rules, this BEA is a:

Category N ☒
Category D ☐
Category S ☐

	YES	NO
3. Is the property at which the BEA was conducted a "facility"* as defined by Section 20101? If the answer to this question is NO, do not submit the BEA to the DEQ.	☒	☐

4. **Was the BEA conducted* prior to or within 45 days after the date of purchase*, occupancy, or foreclosure of the property, whichever is earliest, and completed* not more than 15 days after the date required by Section 20126(1)(c) or Rule 299.5903(8)?** If the answer to either portion of this question is no, you are ineligible for an exemption from liability based on the BEA. — YES ☒ NO ☐

5. **Is the BEA being disclosed to the DEQ no later than 8 months after the earliest of the date of purchase, occupancy, or foreclosure?** All disclosures pursuant to Rule 919(3) must be submitted to the DEQ no later than 8 months after the earliest of the date of purchase, occupancy, or foreclosure. — YES ☒ NO ☐

6. **Are any USTs or abandoned or discarded containers identified in the BEA?** If yes, this information must be provided on Form EQP4476. — YES ☒ NO ☐

7. **Does this BEA rely on an isolation zone or an engineering control that requires an affidavit pursuant to Rule 299.5909(3) or 299.5909(4)?** If yes, a completed affidavit, Form EQP4479, must be attached or the BEA will not be considered complete. — YES ☐ NO ☒

With my signature below, I certify that the enclosed BEA and all related materials are complete and accurate to the best of my knowledge and belief. I understand that intentionally submitting false information to the DEQ is a felony and may result in fines up to $25,000 for each violation.

Signature of Submitter: Douglas J Browne
(Person legally authorized to bind the person seeking liability protection)

4/9/2007
Date

Name (Typed or Printed) Doug Browne

Title Director, Finance and Development

BASELINE ENVIRONMENTAL ASSESSMENT CONDUCTED PURSUANT TO SECTION 20126(1)(C) OF 1994 PA 451, PART 201, AS AMENDED

AT

FORMER DETROIT ELEVATOR COMPANY
1938 FRANKLIN STREET
DETROIT, MICHIGAN 48216

Prepared for

THE ELEVATOR RDR, LLC
2154 PINE HOLLOW TRAIL
BRIGHTON, MICHIGAN 48114

AKT Peerless Project No. 5324d2-2-25
January 31, 2007

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607 Shelby Street Suite 900 Detroit Michigan 48226 Tel: 313.962.9353 Fax: 313.962.0966
Saginaw, MI Farmington, MI Detroit, MI Lansing, MI

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BASELINE ENVIRONMENTAL ASSESSMENT CONDUCTED PURSUANT TO SECTION 20126(1)(C) OF 1994, PA 451, PART 201, AS AMENDED AND THE RULES PROMULGATED THEREUNDER AT FORMER DETROIT ELEVATOR COMPANY 1938 FRANKLIN STREET DETROIT, MICHIGAN 48216 PROJECT NO. 5324D2-2-25

1.0 IDENTIFICATION OF AUTHOR AND DATE OF BEA COMPLETION

AKT Peerless Environmental Services (AKT Peerless) was retained by the Detroit/Wayne County Port Authority (DWCPA) to prepare this Baseline Environmental Assessment (BEA) on behalf of the Elevator RDR, LLC. This BEA included the property located at 1938 Franklin Street between Orleans and St. Aubin Avenues in Detroit, Michigan (subject property).

AKT Peerless' scope of work was based on (1) Section 20126(1)(c) of Part 201 of the Natural Resources and Environmental Protection Act (NREPA), 1994 Public Act (PA) 451, as amended, and (2) Michigan Department of Environmental Quality (MDEQ) *Instructions for Preparing and Disclosing Baseline Environmental Assessments and Section 7a Compliance Analysis*, dated March 11, 1999. This BEA was conducted on January 17, 2007 and completed on January 31, 2007 by Megan Bahorski and Timothy J. McGahey of AKT Peerless.

2.0 INTRODUCTION

The subject property is located at 1938 Franklin Street between Orleans and St. Aubin Avenues in Detroit, Michigan. The subject property consists of a square-shaped parcel that contains approximately 0.6-acres of land. The property contains an approximately 17,400-square foot,

vacant light industrial building. See Appendix D for the legal description of the subject property. See Figure 1 for a topographic site map of the subject property. See Figure 2 for the subject property, utility, and soil boring location map.

The BEA was prepared (1) to provide an independent, professional evaluation and opinion regarding existing environmental conditions associated with the subject property at the time of purchase and (2) to maintain a liability exemption for cleanup of existing contamination at the subject property.

2.1 CATEGORY SELECTION

The Elevator RDR, LLC plans to renovate the subject building as a multi-tenant residential structure. The Elevator RDR, LLC does not intend to use, manage, or store significant quantities of hazardous substances at the subject property.

According to the MDEQ's *Instructions for Preparing and Disclosing Baseline Environmental Assessments*, a property "at which there will be no significant hazardous substance use," is classified as Category N. Therefore, on behalf of the Elevator RDR, LLC, AKT Peerless has prepared this Category N BEA.

2.2 SITE HISTORY

The following table summarizes the general development and use of the subject property, as identified by AKT Peerless.

Time Period	Improvements	Use	Owner / Occupant	Data Source(s)
1884 – 1897	residential structures	residential	not determined	Sanborn maps
~1907 – 1910	residential house and store light industrial building	residential and retail manufacturer of steel bathtubs	Pressed Steel Sanitary Mfg. Co.	Internet website
1910	residential house and store light industrial building	residential and retail stamping mill	EMF Automotive Co.	Internet website

Time Period	Improvements	Use	Owner / Occupant	Data Source(s)
1911-1916	residential house and store light industrial building	residential and retail stamping mill	Studebaker Plant #5	Internet website Interviews
~1916-1930s	residential house and store light industrial building with associated outbuilding and parking area	residential and retail machine and tool shop with office (first floor) and automobile body storage (partial second floor)	F. Joseph Lamb Company	Internet website Sanborn maps municipal records aerial photographs city directories interviews
~1930s-1950s	residential house and store have been demolished light industrial building with associated outbuilding and parking area	conveyor system manufacturing company	General Conveyors Corp.	Sanborn map municipal records aerial photographs city directories interviews
~1950s-2001	the outbuilding was demolished during this time period light industrial building and parking area	elevator car manufacturing company	Detroit Elevator Company	Sanborn map municipal records aerial photographs city directories interviews
~2001-present	light industrial building and parking area	none (vacant)	Detroit Elevator Company	Sanborn map municipal records aerial photographs city directories interviews reconnaissance

See Figure 2 for the subject property, utility, and soil boring location map. Refer to Appendix B for a copy of AKT Peerless' January 2007 Phase I ESA Report.

2.3 SUMMARY OF PREVIOUS ENVIRONMENTAL INVESTIGATIONS

The following sections summarize previous environmental activities conducted at the subject property.

2.3.1 Atwell-Hicks August 1998 Summary Letter

The Elevator RDR, LLC provided AKT Peerless with a copy of an Oversight and Sampling Summary Letter, prepared in August 1998 by Atwell-Hicks on behalf of Cox, Hodgman & Giarmarco.

In August 1998, Atwell-Hicks completed a subsurface investigation of the subject property on behalf of Cox, Hogman & Giarmarco. AKT Peerless understands that the purpose of this investigation was to provide a limited evaluation of subsurface conditions subsequent to the owner's sale of the subject property. During the investigation, Atwell-Hicks (1) conducted a geophysical survey of the parking lot area, (2) drilled two soil borings in the parking lot, (3) collected two soil samples [GP96 (2-4) and GP97 (2-4)], and (4) submitted soil samples for laboratory analyses. The soil samples were submitted for laboratory analyses of volatile organic compounds (VOCs); semi-VOCs; polychlorinated biphenyls (PCBs); Michigan metals (arsenic, barium, cadmium, chromium, copper, lead, mercury, selenium, silver, and zinc); and total cyanide.

According to Atwell-Hicks, a geophysical survey of the parking lot area indicated that no anomalies consistent with USTs were detected in this area. However, AKT Peerless was not provided with a copy of the geophysical report, and therefore can make no specific conclusions regarding these reported results.

Analytical results indicated that VOCs, PCBs, and total cyanide were not detected above laboratory method detection limits. Six PNAs (anthracene, benzo(k)flouoranthene, chrysene, fluoranthene, phenanthrene, and pyrene) were detected in both soil samples, but were below MDEQ Part 201 Cleanup Criteria. Lead and arsenic were detected above MDEQ Part 201 Residential Soil Direct Contact Criteria. Selenium was detected above MDEQ Part 201 Groundwater to Surface Water Interface (GSI) Protection Criteria. Since a site map depicting the location of these soil borings was not provided, AKT Peerless can not make any specific conclusions regarding the results of Atwell-Hicks investigation. However, it appears that the

subject property meets the definition of a "facility" ", as defined in Part 201 of Natural Resources and Environmental Protection Act (NREPA), Michigan Public Act (PA) 451, as amended.

Refer to Appendix A for a copy of Atwell-Hicks, August 1998 Summary Letter.

2.3.2 AKT Peerless's January 2007 Phase I ESA

On January 19, 2007, AKT Peerless completed a Phase I ESA of the subject property on behalf of DWCPA. The purpose of AKT Peerless' ESA was to provide an independent, professional opinion of the *recognized environmental conditions* (RECs) or *historical recognized environmental conditions* (HRECs) associated with the subject property, if any. The RECs identified by AKT Peerless are summarized below.

- The subject property has been used for industrial activities since the existing building was constructed in 1907. Previous occupants of the subject property have included Pressed Steel Sanitary Manufacturing Co. (1907-1910), EMP Automotive Co. (1910-1911), Studebaker (1911-1916), F. Joseph Lamb Company (~1916 through 1940s), General Conveyors Corporation (~1930s), Inserts, Inc. (~1980s) and Detroit Elevator Company (~1960s through 2001). These previous occupants utilized the subject property for industrial activities, which likely included the storage and use of hazardous substances and petroleum products. It is AKT Peerless' opinion that a potential exists for the subject property's soil and groundwater to have been adversely affected by these historical uses.

- Atwell-Hicks completed a subsurface investigation of the subject property in August 1998. AKT Peerless understands that the purpose of this investigation was to provide a limited evaluation of subsurface conditions subsequent to the owner's sale of the subject property. During the investigation, Atwell-Hicks conducted a geophysical survey and drilled two soil borings in the parking lot area of the property. Anomalies consistent with USTs were not detected during the geophysical survey. Lead and arsenic were detected in soil above MDEQ Part 201 Residential Soil Direct Contact Criteria. Based on the results of this investigation, the subject property meets the definition of a "facility", as defined in Part 201 of Natural Resources and Environmental Protection Act (NREPA), Michigan Public Act (PA) 451, as amended.

- A fire department data slip indicated that a 1,000-gallon UST used to store Class I Liquid was identified in a corner of the subject building in December 1926. The UST is depicted as 6.5-feet in diameter and 6-feet in length, and the fill and vent pipes could not be located. AKT Peerless was unable to determine the specific location of the UST based on these fire department records

- Detroit Fire Department records for the subject property indicate that containers of paint, mineral spirits, paint thinner, hydraulic oil, and varnish were identified within the subject building during inspections conducted between 1989 and 1998. The containers ranged in size from less than one gallon to 55-gallon drums. AKT Peerless identified abandoned containers during the reconnaissance of the subject property. Staining was observed on the concrete and brick floor near some of these containers. Furthermore, Mr. Morrison indicated that an above ground storage tank (AST) used to store oil was located outside the southwestern corner of the subject building.

- AKT Peerless observed two hydraulic lifts in the subject building. Staining was observed on the concrete floor surrounding the hydraulic oil reservoirs associated with these lifts. Based on the age of the subject building, the potential exists that these lifts used PCB-containing hydraulic oil.

- AKT Peerless observed staining on the concrete floor in several areas within the subject building. In most cases, this staining was observed on or near severely pitted and corroded concrete. AKT Peerless observed what appeared to be a former floor drain in the southwestern portion of the subject building south of the office area. This floor drain did not appear to be operational.

- AKT Peerless observed suspicious pipes and patched and filled concrete and two suspicious manhole covers in the subject building. The former purpose of these features was not determined during this ESA.

- The northern adjoining property contained single-family residential houses from at least 1884 until a steel storage warehouse was constructed between 1922 and 1945. Subsequent industrial activities were conducted at this property until the late 1990s or early 2000s. Currently, the northern adjoining property contains a vacant, light industrial building. The historical use of this adjoining property for industrial activities presents an environmental concern to the subject property.

- The eastern adjoining property contained a single-family residential house from at least 1884 until the existing light industrial building was constructed between 1897 and 1922. Previous occupants of this adjoining property have included Mueth Iron Works and Aluminum & Architectural Metals. Currently, the eastern adjoining property contains a vacant, light industrial building. In addition, a nearby industrial property (Hayes File Company) located 50 feet east of the subject property contained an acid storage tank identified in Sanborn maps.

- The southeastern adjoining property, beyond the public alley, contained single-family residential houses from at least 1884 until the homes were demolished and a scrap metal storage yard was constructed between 1897 and 1922. Between 1922 and 1950 this adjoining property was further developed with a light industrial building, which was demolished between 2000 and 2006. Previous occupants of this adjoining property have included

Michigan Steel Castings Co. and Michigan Standard Alloy Casting. Currently, the southeastern adjoining property consists of vacant land.

- Industrial activities were conducted on the southern adjoining property from at least 1884 until approximately the 1980s. The southern adjoining property, beyond the public alley, contained a coal storage yard from at least 1884 until an industrial building was constructed between 1922 and 1949. This industrial building was demolished between 1977 and 1980. Previous occupants of this adjoining property have included Hurley Coal Yard, Michigan Steel Castings, and Michigan Standard Alloy Casting. Currently, the southern adjoining property consists of vacant land. According to the EDR Report, one 1,000-gallon gasoline UST was removed from this site in September 1998. The UST was constructed of asphalt-coated or bare steel with bare steel piping material. The installation date for this UST was not reported. A confirmed release (Leak No. C-0820-98) from the UST was reported to MDEQ in September 1998. The release was likely discovered during removal of the UST. The LUST investigation associated with this release was "closed" in January 1999.

- The southwestern adjoining property, beyond the public alley, contained single-family residential houses from at least 1884 until a pattern storage and wagon shed were constructed between 1884 and 1897. Between 1922 and 1950 this adjoining property was further developed with an industrial building, which was demolished between 1985 and 1990. Previous occupants of this adjoining property have included Detroit Dry Dock and Engine Works and Central Iron Foundry. Currently, the southwestern adjoining property consists of vacant land.

- The western adjoining property contained single-family residential houses and a store from at least 1884 until a soap manufacturing building was constructed between 1897 and 1922. These building were demolished, and a steel storage yard was constructed between 1922 and 1949. Identified previous occupants of this adjoining property included National Soap Works Co. Currently, the western adjoining property consists of vacant land.

Refer to Appendix B for a copy of AKT Peerless' January 2007 Phase I ESA Report.

2.3.3 AKT Peerless' February 2007 Phase II ESA

On January 9 and 10, 2007, AKT Peerless conducted a subsurface investigation of the subject property in accordance with AKT Peerless' Proposal for a Phase II Site Investigation (Proposal Number PD-7629-1), dated January 8, 2007. AKT Peerless conducted a subsurface investigation to evaluate the environmental concerns identified during the Phase I ESA and previous environmental investigations. During the investigation, AKT Peerless (1) completed a geophysical survey; (2) evaluated the suspicious manhole covers and pipes identified in the

subject building; (3) drilled 14 soil borings; (4) installed 1 temporary groundwater monitoring well; (5) collected 28 soil samples, 1 groundwater sample; and 7 concrete wipe samples, and (6) submitted samples for laboratory analysis. Samples were submitted for select laboratory analysis including VOCs, PNAs, Michigan metals, and/or PCBs.

Results

Soil Analytical Results

AKT Peerless submitted 28 soil samples for laboratory analysis. The following table summarizes the soil boring locations, the analytes detected, and their respective exceeded MDEQ Generic Residential Cleanup Criteria (GRCC).

Soil Boring Location & Depth	Parameter	SVIAI	VSIC	PSI	DC
B-1 (0.5-1)	Arsenic				☑
	Lead				☑
B-2 (2-4)	Arsenic				☑
B-3 (0.5-1)	benzo(a)pyrene				☑
B-6 (1-3)	Arsenic				☑
B-8 (0.5-1)	Lead				☑
B-9 (0.5-1)	Lead				☑
B-11 (0-0.5)	Lead				☑
B-13 (0-0.5)	benzo(a)pyrene				☑
	Arsenic				☑
	Lead				☑

No other parameters were detected above GRCC. Refer to Table 1 for a summary of soil analytical results. See Figure 3 for the site map with soil analytical results exceeding MDEQ GRCC.

Groundwater Analytical Results

AKT Peerless submitted one groundwater sample for laboratory analyses of VOCs and PNAs. The laboratory analytical results indicate that no parameters were detected at concentrations above MDEQ GRCC. Refer to Table 2 for a summary of groundwater analytical results.

Conclusion

Based on the laboratory results, the subject property meets the definition of a "facility", as defined in Part 201.

3.0 PROPERTY DESCRIPTIONS AND INTENDED HAZARDOUS SUBSTANCE USE

Presented in the sections below are (1) the property description, (2) a summary of intended land use, and (3) intended hazardous substance use activities. See Figure 1 for a topographic site map, and Figure 2 for the subject property, utility, and soil boring location map.

3.1 PROPERTY DESCRIPTION

The subject property is located at 1938 Franklin Street between Orleans and St. Aubin Avenues in Detroit, Michigan. It consists of a square-shaped parcel that contains approximately 0.6-acres (Ward Item Numbers 09/000031-2). The subject property currently contains a light industrial building, and is located in an area of Detroit that is characterized by vacant, commercial, and/or light industrial properties; the Detroit River; railroad tracks; and surface roadways. The subject property is zoned SD4 (Special Development District Riverfront Mix-use). See Figure 1 for a topographic site map of the subject property. See Figure 2 for the subject property, utility, and soil boring location map. See Appendix D for a legal description.

3.2 INTENDED LAND USE

The Elevator RDR, LLC, plans to renovate the subject building to create a multi-tenant residential development at the subject property. The Elevator RDR, LLC does not intend to use, manage, or store significant quantities of hazardous substances at the subject property.

3.3 INTENDED HAZARDOUS SUBSTANCE USE

The intended future use of the subject property at this time by The Elevator RDR, LLC is for a multi-tenant residential development. No known use or storage of hazardous materials has been

identified at this time. This will be the basis of establishing a new release from an existing contamination.

4.0 KNOWN CONTAMINATION

The following sections present (1) known hazardous substances at the facility, (2) the criteria for defining the subject property as a facility, and (3) identification of the general locations of contamination.

4.1 HAZARDOUS SUBSTANCES AT THE FACILITY

Based on the analytical results from environmental subsurface investigations, the following hazardous substances were detected above the laboratory method detection limits in samples collected from the subject property:

HAZARDOUS SUBSTANCE	CAS #	HAZARDOUS SUBSTANCE	CAS #
Benzene	71432	1,1,1-Trichloroethane	71556
1,2,4-Trimethylbenzene	95636	Trichlorotheylene	79016
Benzo (a) anthracene	56553	Acenaphthene	83329
Acenaphthylene	208968	Anthracene	120127
Benzo (a) pyrene	50328	Fluoranthene	206440
Benzo (b) fluoranthene	205992	Fluorene	86737
Benzo (g,h,I) perylene	191242	Indeno (1,2,3-c,d) pyrene	193395
Benzo (k) fluoranthene	207089	Dibenzo (a,h) anthracene	53703
Phenanthrene	85018	Chrysene	218019
Pyrene	129000	Chromium (total)	18540299
Arsenic	7440382	Copper	7440508
Barium	7440393	Selenium	7782492
Lead	7439921	Silver	7440224
Mercury	Varies	Zinc	7440666
Cadmium	7440439		

See Table 1 for a summary of soil analytical results. See Table 2 for a summary of groundwater analytical results.

4.2 CRITERIA FOR DEFINING PROPERTY AS A FACILITY

Based on the laboratory analytical results, the following compounds were detected above applicable MDEQ Generic Residential Criteria:

HAZARDOUS SUBSTANCE	CAS #
Benzo(a)pyrene	50328
Arsenic	7440382
Lead	7439921

The property meets the definition of a 'facility' as defined by Part 201 of NREPA, Michigan PA 451, of 1994, as amended. See Table 1 for a summary of soil analytical results. See Table 2 for a summary of groundwater analytical results.

4.3 IDENTIFICATION OF GENERAL LOCATIONS OF CONTAMINATION

The known contamination was detected in the shallow soil and fill material, which was encountered throughout the subject property to varying depths between 2 and 4 feet below ground surface. Concentrations of benzo(a)pyrene, arsenic and lead were detected in this fill material.

Groundwater was encountered at a depth of 17 feet below ground surface. No parameters were detected at concentrations above MDEQ GRCC in groundwater at the subject property.

5.0 LIKELIHOOD OF OTHER CONTAMINATION

AKT Peerless' Phase II ESA was conducted to address the recognized environmental conditions identified during the Phase I ESA and previous investigations. Several soil borings were drilled across the subject property. Soil samples were collected from these soil borings and submitted

for laboratory analyses. Based on laboratory analytical results, concentrations of PNAs and metals were detected in the soil samples above the MDEQ Generic Residential Cleanup Criteria. The extent of this contamination has not been defined, and maybe randomly distributed through out the fill material located at the subject property.

Further, The results of the geophysical survey did not indicate anomalies with the characteristics of USTs. However, the geophysical survey did indicate three strong metal anomalies located in the former parking lot area of the subject property. According to GII, these anomalies are most likely due to buried metal debris, and/or reinforced concrete. In addition, the geophysical survey identified a backfill excavation area located in the eastern-central portion beneath the building. According to GII, this backfill excavation area represents a possible former UST cavity. It is important to note that GII's investigation within the subject building may have been limited by the presence of reinforced concrete.

In addition, AKT Peerless identified several abandoned containers through out the subject property. These containers ranged in size from 3 to 55-gallons and appeared to be in fair to poor condition. Refer to EQP 4476 Notice regarding discarded or abandoned containers located in the front of this document for additional information regarding these containers. Based on this information and the long industrial history of the subject property, it is possible that additional contamination maybe present.

6.0 ALTERNATIVE APPROACHES

No alternative approaches are proposed.

7.0 CONCLUSIONS

DWCPA retained AKT Peerless on behalf of the Elevator RDR, LLC to prepare this Category N BEA for the subject property. The purpose of the BEA is to (a) provide an independent, professional evaluation and opinion regarding existing environmental conditions associated with the subject property, and (b) maintain a liability exemption for cleanup of existing contamination.

As part of this BEA, AKT Peerless was retained to disclose this information to the MDEQ demonstrating that the Elevator RDR, LLC meets the requirements for an exemption of liability for the cleanup of existing contamination under Section 20126 (1)(c). Proposed use of the subject property satisfies the Elevator RDR, LLC's obligations under Section 20107a.

The future use of the property will not include the use, storage, handling, or management of significant quantities of hazardous substances, and this is the basis to distinguish potential future hazardous substance releases from contamination already existing on the property.

8.0 REFERENCES

The following is a list of reference material not included in this document:

- Part 201 of the Natural Resources and Environmental Protection Act, Public Act 451 of 1994, as amended
- Part 213 of the Natural Resources and Environmental Protection Act, Public Act 451, of 1994, as amended
- MDEQ Remediation and Redevelopment Division Operational Memorandum #1, dated January 23, 2006
- MDEQ Instructions for Preparing and Disclosing Baseline Environmental Assessments and Section 7a Compliance Analyses, March 11, 1999

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9.0 SIGNATURE PAGE

AKT Peerless Environmental Services prepared this BEA for the DWCPA on behalf of the Elevator RDR, LLC for the property located at 1938 Franklin Street between Orleans and St. Aubin Avenues in Detroit, Michigan. AKT Peerless' scope of work is based on Section 20126(1)(c) of Part 201 of the Natural Resources and Environmental Protection Act (NREPA), 1994 PA 451, as amended, and MDEQ *Instructions for Preparing and Disclosing Baseline Environmental Assessments and Section 7a Compliance Analyses*, dated March 11, 1999.

AKT PEERLESS ENVIRONMENTAL SERVICES

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Senior Project Manager
Environmental Engineering Services

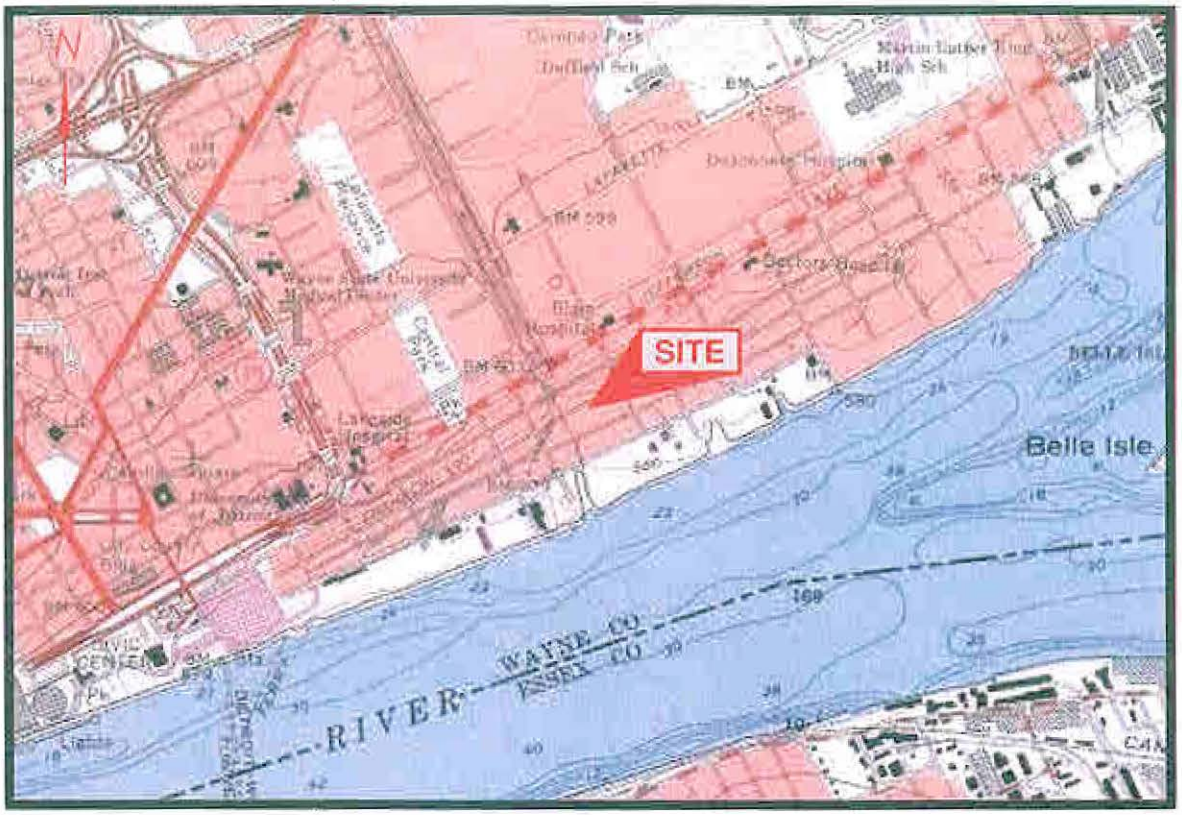
January 31, 2007

FIGURES

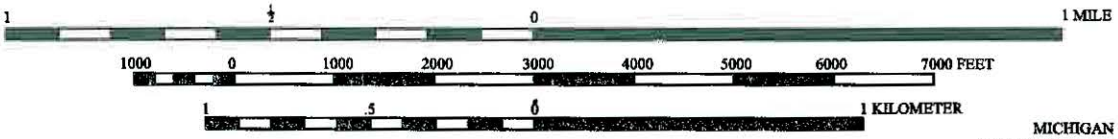
DETROIT QUADRANGLE

MICHIGAN - WAYNE COUNTY

7.5 MINUTE SERIES (TOPOGRAPHIC)



T.2 S. - R.12 E.



CONTOUR INTERVAL 5 FEET
DATUM IS MEAN SEA LEVEL

MICHIGAN
QUADRANGLE LOCATION

IMAGE TAKEN FROM 1968 U.S.G.S. TOPOGRAPHIC MAP
PHOTOREVISED 1973 AND 1980

AKTPEERLESS
environmental services

TOPOGRAPHIC LOCATION MAP

DWCPA-FORMER DETROIT ELEVATOR COMPANY

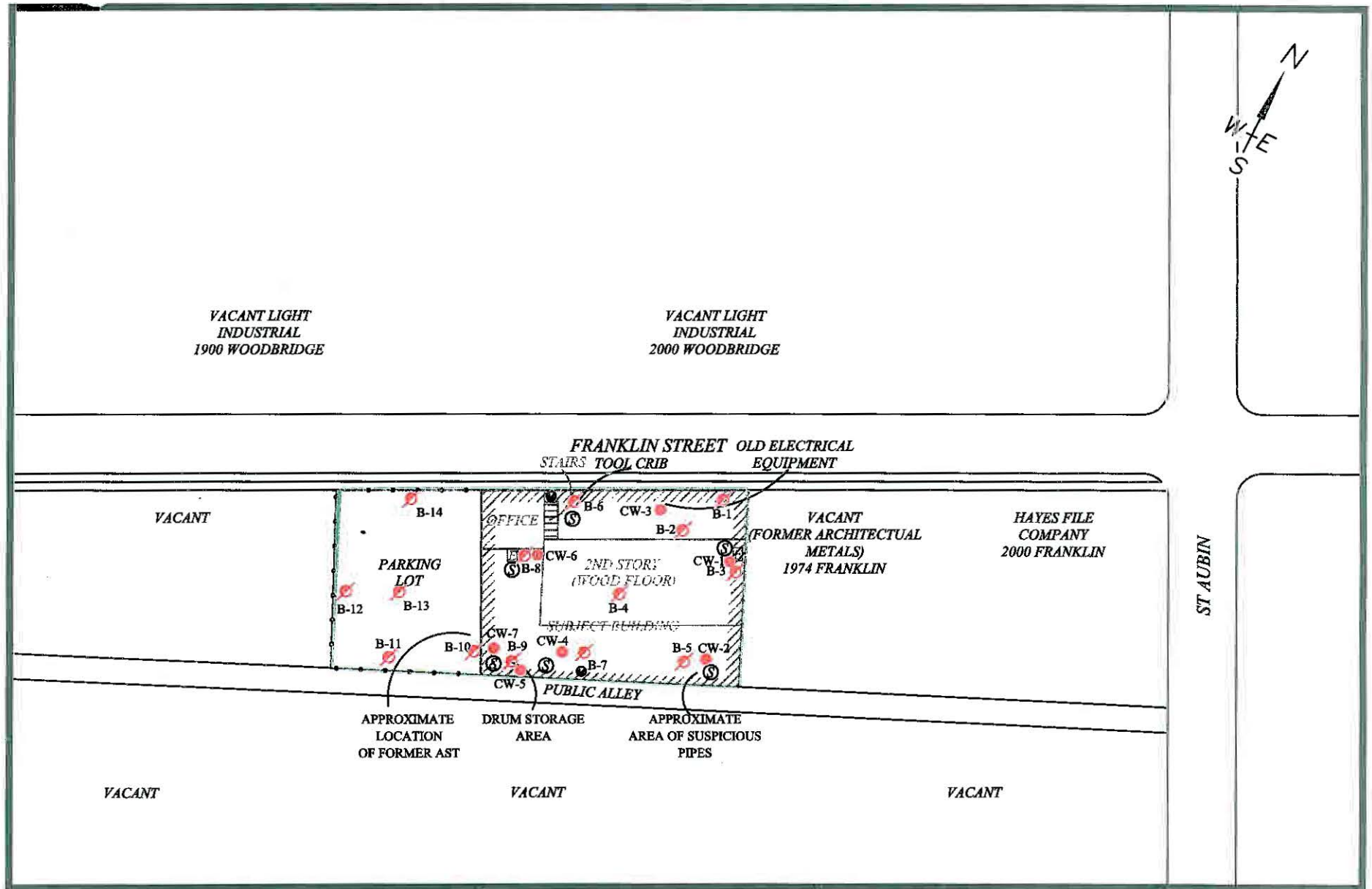
1938 FRANKLIN

DETROIT, MICHIGAN

PROJECT NUMBER : 5324D

DRAWN BY: JM
DATE: 01.04.07

FIGURE 1



AKTPEERLESS environmental services

SUBJECT PROPERTY

UTILITY AND SOIL BORING LOCATION MAP

1938 FRANKLIN

DETROIT, MICHIGAN

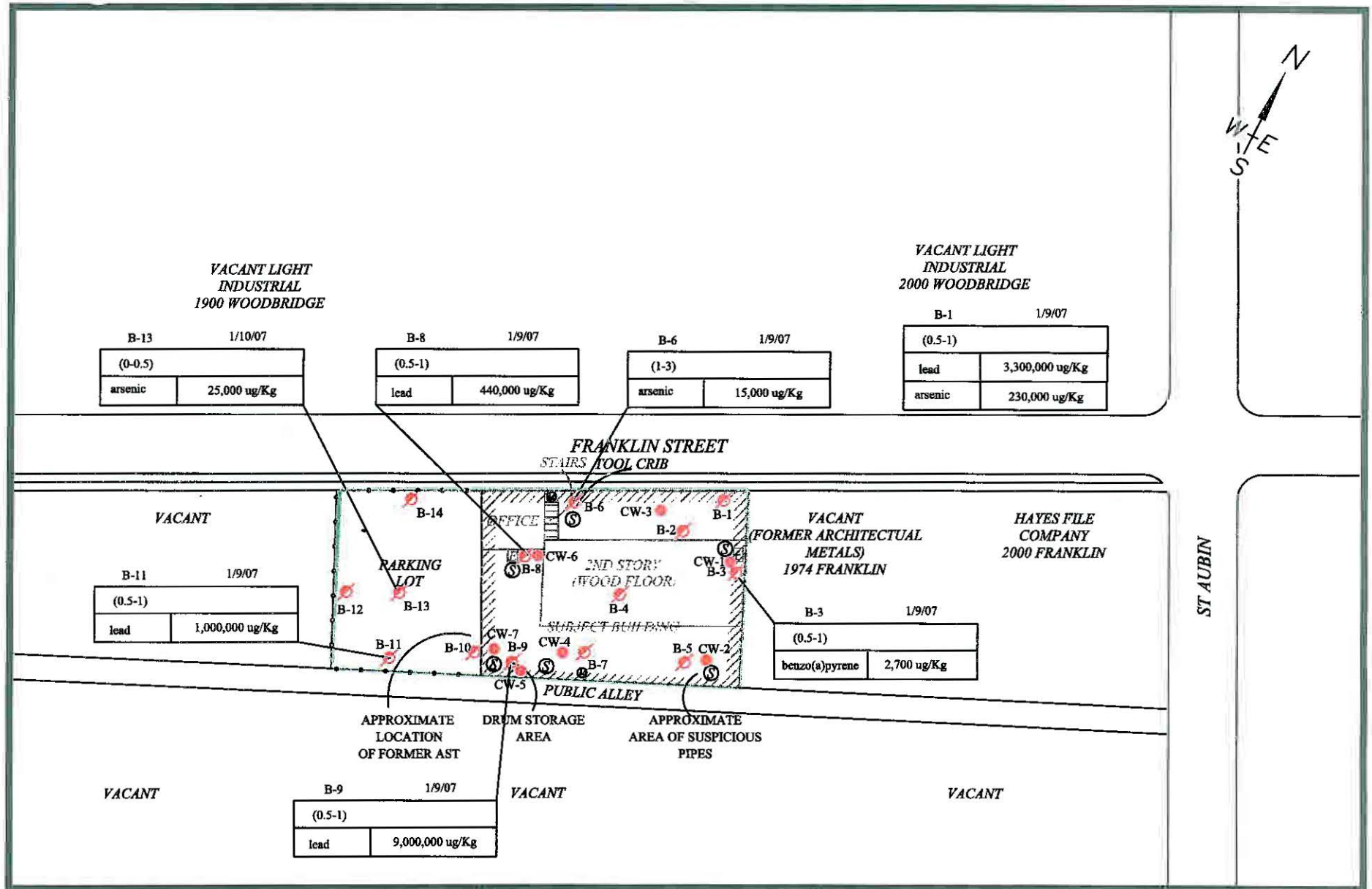
PROJECT NUMBER : 5324D

LEGEND
= PROPERTY LINE
= FENCE LINE
= ELEVATOR
= STAINED CONCRETE AREAS
= SUSPICIOUS MANHOLE COVER
= SOIL BORING
= CONCRETE WIPE SAMPLE LOCATIONS

DRAWN BY: MB
DATE: 01.22.07

0 40 80
SCALE: 1" = 80'±

FIGURE 2



AKTPEERLESS environmental services

SITE MAP WITH SOIL ANALYTICAL RESULTS
EXCEEDING MDEQ GRCC
1938 FRANKLIN
DETROIT, MICHIGAN
PROJECT NUMBER : 5324D

LEGEND
= PROPERTY LINE
= FENCE LINE
= ELEVATOR
= STAINED CONCRETE AREAS
= SUSPICIOUS MANHOLE COVER
= SOIL BORING
= CONCRETE WIPE SAMPLE LOCATIONS

DRAWN BY: MB
DATE: 01.22.07
0 40 80
SCALE: 1" = 80'±

FIGURE 3

TABLES

Table 1
Summary of Soil Analytical Results

Former Detroit Elevator Co.
1938 Franklin Street
Detroit, Michigan
AKT Peerless Project Number
5324D2-1-20

Sample Identification and Date		Statewide Default Background Levels	Groundwater Protection: Residential and Commerical I Drinking Water Protection Criteria & RBSLs	Groundwater Protection: Residential and Commerical I Groundwater Surface Water Interface Protection Criteria & RBSLs	Groundwater Protection: Residential and Commerical I Groundwater Contact Protection Criteria & RBSLs	Indoor Air: Residential and Commerical I Soil Volatilization to Indoor Air Inhalation Criteria & RBSLs	Ambient Air (Y): Residential and Commerical I Infinite Source Volatile Soil Inhalation Criteria (VSIC) & RBSLs	Ambient Air (Y): Residential and Commerical I Particulate Soil Inhalation Criteria & RBSLs	Direct Contact: Residential and Commerical I Direct Contact Criteria & RBSLs	Direct Contact: Soil Saturation Concentration Screening Levels	B-1 (0.5-1) 1/9/2007	B-1 (5-7) 1/9/2007	B-2 (2-4) 1/9/2007	B-2 (15-17) 1/9/2007	B-3 (0.5-1) 1/9/2007	B-3 (3-5) 1/9/2007	B-4 (0.5-1) 1/9/2007	B-5 (0.5-1) 1/9/2007
Analytes	**CAS#**																	
Volatile Organic Compounds (VOCs) (ug/Kg)																		
Benzene (I)	71432	NA	100	4,000 (X)	2.2E+5	1,600	13,000	3.8E+8	1.8E+5	4.0E+5	170	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	104518	NA	1,600	ID	1.2E+5	ID	ID	ID	2.5E+6	1.0E+7	ND	ND	ND	ND	ND	ND	ND	NA
sec-Butylbenzene	135988	NA	1,600	ID	88,000	ID	ID	ID	2.5E+6	1.0E+7	ND	ND	ND	ND	ND	ND	ND	NA
t-Butylbenzene (I)	98066	NA	1,600	NA	1.8E+5	ID	ID	ID	2.5E+6	1.0E+7	ND	ND	ND	ND	ND	ND	ND	NA
Chloroform	67663	NA	1,600 (W)	3,400 (X)	1.5E+6 (C)	7,200	45,000	1.3E+9	1.2E+6	1.5E+6	ND	ND	ND	ND	ND	ND	ND	NA
Ethylbenzene (I)	100414	NA	1,500	360	1.4E+5 (C)	87,000	7.2E+5	1.0E+10	1.4E+5 (C)	1.4E+5	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	91576	NA	57,000	ID	5.5E+6	ID	ID	ID	8.1E+6	NA	ND	ND	ND	ND	ND	ND	ND	NA
n-Propylbenzene (I)	103651	NA	1,600	NA	3.0E+5	ID	ID	1.3E+9	2.5E+6	1.0E+7	ND	ND	ND	ND	ND	ND	ND	NA
Styrene	100425	NA	2,700	2,200	2.7E+5	2.5E+5	9.7E+5	5.5E+9	4.0E+5	5.2E+5	ND	ND	ND	ND	ND	ND	ND	NA
Toluene (I)	108883	NA	16,000	2,800	2.5E+5 (C)	2.5E+5 (C)	2.8E+6	2.7E+10	2.5E+5 (C)	2.5E+5	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	71556	NA	4,000	4,000	4.6E+5 (C)	2.5E+5	3.8E+6	6.7E+10	4.6E+5 (C)	4.6E+5	ND	ND	ND	ND	64	ND	ND	NA
Trichloroethylene	79016	NA	100	4,000 (X)	4.4E+5	7,100	78,000	1.8E+9	5.0E+5 (C,DD)	5.0E+5	ND	ND	ND	ND	**3,200**	**1,000**	ND	NA
1,2,4-Trimethylbenzene (I)	95636	NA	2,100	570	1.1E+5 (C)	1.1E+5 (C)	2.1E+7	8.2E+10	1.1E+5 (C)	1.1E+5	54	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene (I)	108678	NA	1,800	1,100	94,000 (C)	94,000 (C)	1.6E+7	8.2E+10	94,000 (C)	94,000	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes (I)	1330207	NA	5,600	700	1.5E+5 (C)	1.5E+5 (C)	4.6E+7	2.9E+11	1.5E+5 (C)	1.5E+5	ND	ND	ND	ND	ND	ND	ND	ND
Remaining VOCs	Varies	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND
Polynuclear Aromatic Hydrocarbons (PNAs) (ug/Kg)																		
Acenaphthene	83329	NA	3.0E+5	4,400	9.7E+5	1.9E+8	8.1E+7	1.4E+10	4.1E+7	NA	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	208968	NA	5,900	ID	4.4E+5	1.6E+6	2.2E+6	2.3E+9	1.6E+6	NA	ND	ND	ND	ND	320	ND	ND	ND
Anthracene	120127	NA	41,000	ID	41,000	1.0E+9 (D)	1.4E+9	6.7E+10	2.3E+8	NA	ND	ND	ND	ND	580	ND	ND	380
Benzo(a)anthracene (Q)	56553	NA	NLL	NLL	NLL	NLV	NLV	ID	20,000	NA	ND	ND	ND	ND	2,000	ND	ND	1,100
Benzo(a)pyrene (Q)	50328	NA	NLL	NLL	NLL	NLV	NLV	1.5E+6	2,000	NA	ND	ND	ND	ND	**2,700**	ND	ND	1,200
Benzo(b)fluoranthene (Q)	205992	NA	NLL	NLL	NLL	ID	ID	ID	20,000	NA	ND	ND	ND	ND	3,200	ND	ND	1,500
Benzo(g,h,i)perylene	191242	NA	NLL	NLL	NLL	NLV	NLV	8.0E+8	2.5E+6	NA	ND	ND	ND	ND	1,400	ND	ND	540
Benzo(k)fluoranthene (Q)	207089	NA	NLL	NLL	NLL	NLV	NLV	ID	2.0E+5	NA	ND	ND	ND	ND	1,200	ND	ND	530
Chrysene (Q)	218019	NA	NLL	NLL	NLL	ID	ID	ID	2.0E+6	NA	ND	ND	ND	ND	1,800	ND	ND	960
Dibenzo(a,h)anthracene (Q)	53703	NA	NLL	NLL	NLL	NLV	NLV	ID	2,000	NA	ND	ND	ND	ND	470	ND	ND	ND
Fluoranthene	206440	NA	7.3E+5	5,500	7.3E+5	1.0E+9 (D)	7.4E+8	9.3E+9	4.6E+7	NA	ND	ND	ND	ND	4,000	ND	ND	2,300
Fluorene	86737	NA	3.9E+5	5,300	8.9E+5	5.8E+8	1.3E+8	9.3E+9	2.7E+7	NA	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene (Q)	193395	NA	NLL	NLL	NLL	NLV	NLV	ID	20,000	NA	ND	ND	ND	ND	1,300	ND	ND	520
2-Methylnaphthalene	91576	NA	57,000	ID	5.5E+6	ID	ID	ID	8.1E+6	NA	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	85018	NA	56,000	5,300	1.1E+6	2.8E+6	1.6E+5	6.7E+6	1.6E+6	NA	ND	ND	ND	ND	1,600	ND	ND	1,200
Pyrene	129000	NA	4.8E+5	ID	4.8E+5	1.0E+9 (D)	6.5E+8	6.7E+9	2.9E+7	NA	800	ND	ND	ND	3,700	ND	ND	2,100
Total Metals Analysis (ug/Kg)																		
Arsenic	7440382	5,800	4,600	70,000 (X)	2.0E+6	NLV	NLV	7.2E+5	7,600	NA	**230,000**	**6,800**	**7,800**	3,900	NA	NA	NA	NA
Barium (B)	7440393	75,000	1.3E+6	(G,X)	1.0E+9 (D)	NLV	NLV	3.3E+8	3.7E+7	NA	30,000	44,000	86,000	42,000	NA	NA	NA	NA
Cadmium (B)	7440439	1,200	6,000	(G,X)	2.3E+8	NLV	NLV	1.7E+6	5.5E+5	NA	3,500	ND	ND	ND	ND	ND	290	NA
Chromium (total)	18540299	18,000 (total)	30,000	3,300	1.4E+8	NLV	NLV	2.6E+5	2.5E+6	NA	1,700	**15,000**	**16,000**	**12,000**	**21,000**	**19,000**	**18,000**	NA
Copper (B)	7440508	32,000	5.8E+6	(G)	1.0E+9 (D)	NLV	NLV	1.3E+8	2.0E+7	NA	7,800	15,000	35,000	11,000	NA	NA	NA	NA
Lead (B)	7439921	21,000	7.0E+5	(G,X)	ID	NLV	NLV	1.0E+8	4.0E+5	NA	**3,300,000**	9,100	170,000	5,000	270,000	190,000	200,000	NA
Mercury (Total) (B,Z)	Varies	130	1,700	50 (M); L1	47,000	48,000	52,000	2.0E+7	1.6E+5	NA	70	ND	**510**	ND	NA	NA	NA	NA
Selenium (B)	7782492	410	4,000	400	7.8E+7	NLV	NLV	1.3E+8	2.6E+6	NA	ND	ND	ND	ND	NA	NA	NA	NA
Silver (B)	7440224	1,000	4,500	100 (M); 27	2.0E+8	NLV	NLV	6.7E+6	2.5E+6	NA	ND	ND	ND	ND	NA	NA	NA	NA
Zinc (B)	7440666	47,000	2.4E+6	(G)	1.0E+9 (D)	NLV	NLV	ID	1.7E+8	NA	1,600,000	43,000	91,000	25,000	NA	NA	NA	NA
Polychlorinated biphenyls (PCBs) (J,T)																		
Polychlorinated biphenyls (PCBs) (J,T)	1336363	NA	NLL	NLL	NLL	3.0E+6	2.4E+5	5.2E+6	(T)	NA	NA	NA	NA	NA	ND	ND	ND	NA

Notes:

B - Background, as defined in R 299.5701(b), may be substituted if higher than the calculated cleanup criterion.

C - Value presented is a screening level based on the chemical-specific generic soil saturation concentration (Csat) since the calculated risk-based criterion is greater than Csat.

D - Calculated criterion exceeds 100%, hence it is reduced to 100% or 1.0E+9 ppb.

G - Groundwater surface water interface (GSI) criterion depends on the pH or water hardness, or both, of the receiving surface water.

H - Valence-specific chromium data (Cr III and Cr VI) shall be compared to the corresponding valence-specific cleanup criteria.

I - Hazardous substance may exhibit the characteristic of ignitability as defined in 40 C.F.R. Section 261.21 (revised as of July 1, 2001), which is adopted by reference in these rules and which is available for inspection

M - Calculated criterion is below the analytical's target detection limit, therefore, the criterion defaults to the target detection limit.

Q - Criteria for carcinogenic polycyclic aromatic hydrocarbons were developed using relative potential potencies to benzo(a)pyrene.

X - The groundwater surface water interface (GSI) criterion shown in the generic cleanup criteria tables is not protective for surface water that is used as a drinking water source.

ID - Insufficient data to develop criterion.

NA - Criterion or value is not available or, in the case of background and chemical abstract service numbers, not applicable.

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions.

ND - Non-detect

µg/Kg - micrograms per Kilogram

bold - Parameter exceeds indicated criterion

Table 1
Summary of Soil Analytical Results

Former Detroit Elevator Co.
1938 Franklin Street
Detroit, Michigan
AKT Peerless Project Number
5324D2-1-20

Sample Identification and Date		Statewide Default Background Levels	Groundwater Protection: Residential and Commerical I Drinking Water Protection Criteria & RBSLs	Groundwater Protection: Residential and Commerical I Groundwater Surface Water Interface Protection Criteria & RBSLs	Groundwater Protection: Residential and Commerical I Groundwater Contact Protection Criteria & RBSLs	Indoor Air: Residential and Commerical I Soil Volatilization to Indoor Air Inhalation Criteria & RBSLs	Ambient Air (Y): Residential and Commerical I Infinite Source Volatile Soil Inhalation Criteria (VSIC) & RBSLs	Ambient Air (Y): Residential and Commerical I Particulate Soil Inhalation Criteria & RBSLs	Direct Contact: Residential and Commerical I Direct Contact Criteria & RBSLs	Direct Contact: Soil Saturation Concentration Screening Levels	B-5 (3-5) 1/9/2007	B-6 (1-3) 1/9/2007	B-6 (4-6) 1/9/2007	B-7 (5-7) 1/9/2007	B-7 (10-12) 1/9/2007	B-8 (0.5-1) 1/9/2007	B-8 (4-6) 1/9/2007	B-9 (0.5-1) 1/9/2007
Analytes	**CAS#**																	
Volatile Organic Compounds (VOCs) (ug/Kg)																		
Benzene (I)	71432	NA	100	4,000 (X)	2.2E+5	1,600	13,000	3.8E+8	1.8E+5	4.0E+5	170	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	104518	NA	1,600	ID	1.2E+5	ID	ID	ID	2.5E+6	1.0E+7	NA	ND	ND	NA	NA	ND	ND	ND
sec-Butylbenzene	135988	NA	1,600	ID	88,000	ID	ID	ID	2.5E+6	1.0E+7	NA	ND	ND	NA	NA	ND	ND	ND
t-Butylbenzene (I)	98066	NA	1,600	NA	1.8E+5	ID	ID	ID	2.5E+6	1.0E+7	NA	ND	ND	NA	NA	ND	ND	ND
Chloroform	67663	NA	1,600 (W)	3,400 (X)	1.5E+6 (C)	7,200	45,000	1.3E+9	1.2E+6	1.5E+6	NA	ND	ND	NA	NA	ND	ND	ND
Ethylbenzene (I)	100414	NA	1,500	360	1.4E+5 (C)	87,000	7.2E+5	1.0E+10	1.4E+5 (C)	1.4E+5	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	91576	NA	57,000	ID	5.5E+6	ID	ID	ID	8.1E+6	NA	NA	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene (I)	103651	NA	1,600	NA	3.0E+5	ID	ID	1.3E+9	2.5E+6	1.0E+7	NA	ND	ND	NA	NA	ND	ND	ND
Styrene	100425	NA	2,700	2,200	2.7E+5	2.5E+5	9.7E+5	5.5E+9	4.0E+5	5.2E+5	NA	ND	ND	NA	NA	ND	ND	ND
Toluene (I)	108883	NA	16,000	2,800	2.5E+5 (C)	2.5E+5 (C)	2.8E+6	2.7E+10	2.5E+5 (C)	2.5E+5	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene (I)	95636	NA	2,100	570	1.1E+5 (C)	1.1E+5 (C)	2.1E+7	8.2E+10	1.1E+5 (C)	1.1E+5	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene (I)	108678	NA	1,800	1,100	94,000 (C)	94,000 (C)	1.6E+7	8.2E+10	94,000 (C)	94,000	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes (I)	1330207	NA	5,600	700	1.5E+5 (C)	1.5E+5 (C)	4.6E+7	2.9E+11	1.5E+5 (C)	1.5E+5	ND	ND	ND	ND	ND	ND	ND	ND
Remaining VOCs	Varies	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND
Polynuclear Aromatic Hydrocarbons (PNAs) (ug/Kg)																		
Acenaphthene	83329	NA	3.0E+5	4,400	9.7E+5	1.9E+8	8.1E+7	1.4E+10	4.1E+7	NA	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	208968	NA	5,900	ID	4.4E+5	1.6E+6	2.2E+6	2.3E+9	1.6E+6	NA	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	120127	NA	41,000	ID	41,000	1.0E+9 (D)	1.4E+9	6.7E+10	2.3E+8	NA	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene (Q)	56553	NA	NLL	NLL	NLL	NLV	NLV	ID	20,000	NA	ND	830	ND	ND	ND	660	ND	270
Benzo(a)pyrene (Q)	50328	NA	NLL	NLL	NLL	NLV	NLV	1.5E+6	2,000	NA	ND	1,200	ND	ND	ND	860	ND	290
Benzo(b)fluoranthene (Q)	205992	NA	NLL	NLL	NLL	ID	ID	ID	20,000	NA	ND	1,400	ND	ND	ND	990	ND	350
Benzo(g,h,i)perylene	191242	NA	NLL	NLL	NLL	NLV	NLV	8.0E+8	2.5E+6	NA	ND	730	ND	ND	ND	530	ND	ND
Benzo(k)fluoranthene (Q)	207089	NA	NLL	NLL	NLL	NLV	NLV	ID	2.0E+5	NA	ND	510	ND	ND	ND	350	ND	ND
Chrysene (Q)	218019	NA	NLL	NLL	NLL	ID	ID	ID	2.0E+6	NA	ND	770	ND	ND	ND	640	ND	ND
Dibenzo(a,h)anthracene (Q)	53703	NA	NLL	NLL	NLL	NLV	NLV	ID	2,000	NA	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	206440	NA	7.3E+5	5,500	7.3E+5	1.0E+9 (D)	7.4E+8	9.3E+9	4.6E+7	NA	ND	1,500	ND	ND	ND	1,300	ND	460
Fluorene	86737	NA	3.9E+5	5,300	8.9E+5	5.8E+8	1.3E+8	9.3E+9	2.7E+7	NA	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene (Q)	193395	NA	NLL	NLL	NLL	NLV	NLV	ID	20,000	NA	ND	620	ND	ND	ND	440	ND	ND
2-Methylnaphthalene	91576	NA	57,000	ID	5.5E+6	ID	ID	ID	8.1E+6	NA	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	85018	NA	56,000	5,300	1.1E+6	2.8E+6	1.6E+5	6.7E+6	1.6E+6	NA	ND	460	ND	ND	ND	620	ND	ND
Pyrene	129000	NA	4.8E+5	ID	4.8E+5	1.0E+9 (D)	6.5E+8	6.7E+9	2.9E+7	NA	ND	1,500	ND	ND	ND	1,200	ND	430
Total Metals Analysis (ug/Kg)																		
Arsenic	7440382	5,800	4,600	70,000 (X)	2.0E+6	NLV	NLV	7.2E+5	7,600	NA	NA	**15,000**	3,700	NA	NA	NA	NA	NA
Barium (B)	7440393	75,000	1.3E+6	(G,X)	1.0E+9 (D)	NLV	NLV	3.3E+8	3.7E+7	NA	NA	110,000	55,000	NA	NA	NA	NA	NA
Cadmium (B)	7440439	1,200	6,000	(G,X)	2.3E+8	NLV	NLV	1.7E+6	5.5E+5	NA	NA	ND	ND	NA	NA	ND	200	210
Chromium (total)	18540299	18,000 (total)	30,000	3,300	1.4E+8	NLV	NLV	2.6E+5	2.5E+6	NA	NA	**22,000**	**19,000**	NA	NA	**18,000**	**18,000**	**22,000**
Copper (B)	7440508	32,000	5.8E+6	(G)	1.0E+9 (D)	NLV	NLV	1.3E+8	2.0E+7	NA	NA	19,000	14,000	NA	NA	NA	NA	NA
Lead (B)	7439921	21,000	7.0E+5	(G,X)	ID	NLV	NLV	1.0E+8	4.0E+5	NA	NA	18,000	16,000	180,000	6,400	**440,000**	76,000	**9,000,000**
Mercury (Total) (B,Z)	Varies	130	1,700	50 (M); 1.2	47,000	48,000	52,000	2.0E+7	1.6E+5	NA	NA	**110**	**120**	NA	NA	NA	NA	NA
Selenium (B)	7782492	410	4,000	400	7.8E+7	NLV	NLV	1.3E+8	2.6E+6	NA	NA	ND	ND	NA	NA	NA	NA	NA
Silver (B)	7440224	1,000	4,500	100 (M); 27	2.0E+8	NLV	NLV	6.7E+6	2.5E+6	NA	NA	ND	ND	NA	NA	NA	NA	NA
Zinc (B)	7440666	47,000	2.4E+6	(G)	1.0E+9 (D)	NLV	NLV	ID	1.7E+8	NA	NA	61,000	53,000	NA	NA	NA	NA	NA
Polychlorinated biphenyls (PCBs) (J,T)																		
Polychlorinated biphenyls (PCBs) (J,T)	1336363	NA	NLL	NLL	NLL	3.0E+6	2.4E+5	5.2E+6	(T)	NA	NA	NA	NA	NA	NA	ND	ND	ND

Notes:

B - Background, as defined in R 299.5701(b), may be substituted if higher than the calculated cleanup criterion.

C - Value presented is a screening level based on the chemical-specific generic soil saturation concentration (Csat) since the calculated risk-based criterion is greater than Csat.

D - Calculated criterion exceeds 100%, hence it is reduced to 100% or 1.0E+9 ppb.

G - Groundwater surface water interface (GSI) criterion depends on the pH or water hardness, or both, of the receiving surface water.

H - Valence-specific chromium data (Cr III and Cr VI) shall be compared to the corresponding valence-specific cleanup criteria.

I - Hazardous substance may exhibit the characteristic of ignitability as defined in 40 C.F.R. Section 261.21 (revised as of July 1, 2001), which is adopted by reference in these rules and which is available for inspection

M - Calculated criterion is below the analyticals target detection limit, therefore, the criterion defaults to the target detection limit.

Q - Criteria for carcinogenic polycyclic aromatic hydrocarbons were developed using relative potential potencies to benzo(a)pyrene.

X - The groundwater surface water interface (GSI) criterion shown in the generic cleanup criteria tables is not protective for surface water that is used as a drinking water source.

ID - Insufficient data to develop criterion.

NA - Criterion or value is not available or, in the case of background and chemical abstract service numbers, not applicable.

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions.

ND - Non-detect

µg/Kg - micrograms per Kilogram

bold - Parameter exceeds indicated criterion

Table 1
Summary of Soil Analytical Results

Former Detroit Elevator Co.
1938 Franklin Street
Detroit, Michigan
AKT Peerless Project Number
5324D2-1-20

Sample Identification and Date		Statewide Default Background Levels	Groundwater Protection: Residential and Commerical I Drinking Water Protection Criteria & RBSLs	Groundwater Protection: Residential and Commerical I Groundwater Surface Water Interface Protection Criteria & RBSLs	Groundwater Protection: Residential and Commerical I Groundwater Contact Protection Criteria & RBSLs	Indoor Air: Residential and Commerical I Soil Volatilization to Indoor Air Inhalation Criteria & RBSLs	Ambient Air (Y): Residential and Commerical I Infinite Source Volatile Soil Inhalation Criteria (VSIC) & RBSLs	Ambient Air (Y): Residential and Commerical I Particulate Soil Inhalation Criteria & RBSLs	Direct Contact: Residential and Commerical I Direct Contact Criteria & RBSLs	Direct Contact: Soil Saturation Concentration Screening Levels	B-9 (4-6) 1/9/2007	B-9 (6-8) 1/9/2007	B-10 (0.5-1) 1/10/2007	B-10 (4-6) 1/10/2007	B-11 (0-0.5) 1/10/2007	B-11 (7-9) 1/10/2007	B-12 (0-0.5) 1/10/2007	B-12 (3-5) 1/10/2007	B-13 (0-0.5) 1/10/2007	B-13 (4-6) 1/10/2007	B-13 (10-12) 1/10/2007
Analytes	**CAS#**																				
Volatile Organic Compounds (VOCs) (ug/Kg)																					
Benzene (I)	71432	NA	100	4,000 (X)	2.2E+5	1,600	13,000	3.8E+8	1.8E+5	4.0E+5	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	104518	NA	1,600	ID	1.2E+5	ID	ID	ID	2.5E+6	1.0E+7	ND	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	135988	NA	1,600	ID	88,000	ID	ID	ID	2.5E+6	1.0E+7	ND	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND
t-Butylbenzene (I)	98066	NA	1,600	NA	1.8E+5	ID	ID	ID	2.5E+6	1.0E+7	ND	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND
Chloroform	67663	NA	1,600 (W)	3,400 (X)	1.5E+6 (C)	7,200	45,000	1.3E+9	1.2E+6	1.5E+6	ND	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene (I)	100414	NA	1,500	360	1.4E+5 (C)	87,000	7.2E+5	1.0E+10	1.4E+5 (C)	1.4E+5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	91576	NA	57,000	ID	5.5E+6	ID	ID	ID	8.1E+6	NA	ND	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene (I)	103651	NA	1,600	NA	3.0E+5	ID	ID	1.3E+9	2.5E+6	1.0E+7	ND	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND
Styrene	100425	NA	2,700	2,200	2.7E+5	2.5E+5	9.7E+5	5.5E+9	4.0E+5	5.2E+5	ND	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND
Toluene (I)	108883	NA	16,000	2,800	2.5E+5 (C)	2.5E+5 (C)	2.8E+6	2.7E+10	2.5E+5 (C)	2.5E+5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene (I)	95636	NA	2,100	570	1.1E+5 (C)	1.1E+5 (C)	2.1E+7	8.2E+10	1.1E+5 (C)	1.1E+5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene (I)	108678	NA	1,800	1,100	94,000 (C)	94,000 (C)	1.6E+7	8.2E+10	94,000 (C)	94,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes (I)	1330207	NA	5,600	700	1.5E+5 (C)	1.5E+5 (C)	4.6E+7	2.9E+11	1.5E+5 (C)	1.5E+5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Remaining VOCs	Varies	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Polynuclear Aromatic Hydrocarbons (PNAs) (ug/Kg)																					
Acenaphthene	83329	NA	3.0E+5	4,400	9.7E+5	1.9E+8	8.1E+7	1.4E+10	4.1E+7	NA	ND	ND	ND	ND	ND	ND	ND	ND	430	ND	ND
Acenaphthylene	208968	NA	5,900	ID	4.4E+5	1.6E+6	2.2E+6	2.3E+9	1.6E+6	NA	ND	ND	ND	ND	ND	ND	ND	ND	430	ND	ND
Anthracene	120127	NA	41,000	ID	41,000	1.0E+9 (D)	1.4E+9	6.7E+10	2.3E+8	NA	ND	ND	270	ND	ND	ND	ND	ND	1,300	ND	ND
Benzo(a)anthracene (Q)	56553	NA	NLL	NLL	NLL	NLV	NLV	ID	20,000	NA	ND	ND	890	ND	ND	ND	ND	ND	4,600	ND	ND
Benzo(a)pyrene (Q)	50328	NA	NLL	NLL	NLL	NLV	NLV	1.5E+6	2,000	NA	ND	ND	1,000	ND	ND	ND	ND	ND	**6,100**	ND	ND
Benzo(b)fluoranthene (Q)	205992	NA	NLL	NLL	NLL	ID	ID	ID	20,000	NA	ND	ND	1,200	ND	ND	ND	ND	ND	7,500	ND	ND
Benzo(g,h,i)perylene	191242	NA	NLL	NLL	NLL	NLV	NLV	8.0E+8	2.5E+6	NA	ND	ND	570	ND	ND	ND	ND	ND	3,600	ND	ND
Benzo(k)fluoranthene (Q)	207089	NA	NLL	NLL	NLL	NLV	NLV	ID	2.0E+5	NA	ND	ND	410	ND	ND	ND	ND	ND	2,200	ND	ND
Chrysene (Q)	218019	NA	NLL	NLL	NLL	ID	ID	ID	2.0E+6	NA	ND	ND	770	ND	ND	ND	ND	ND	4,600	ND	ND
Dibenzo(a,h)anthracene (Q)	53703	NA	NLL	NLL	NLL	NLV	NLV	ID	2,000	NA	ND	ND	ND	ND	ND	ND	ND	ND	900	ND	ND
Fluoranthene	206440	NA	7.3E+5	5,500	7.3E+5	1.0E+9 (D)	7.4E+8	9.3E+9	4.6E+7	NA	ND	ND	1,800	ND	330	ND	ND	ND	**11,000**	ND	ND
Fluorene	86737	NA	3.9E+5	5,300	8.9E+5	5.8E+8	1.3E+8	9.3E+9	2.7E+7	NA	ND	ND	ND	ND	ND	ND	ND	ND	430	ND	ND
Indeno(1,2,3-cd)pyrene (Q)	193395	NA	NLL	NLL	NLL	NLV	NLV	ID	20,000	NA	ND	ND	500	ND	ND	ND	ND	ND	3,100	ND	ND
2-Methylnaphthalene	91576	NA	57,000	ID	5.5E+6	ID	ID	ID	8.1E+6	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	85018	NA	56,000	5,300	1.1E+6	2.8E+6	1.6E+5	6.7E+6	1.6E+6	NA	ND	ND	800	ND	ND	ND	ND	ND	5,200	ND	ND
Pyrene	129000	NA	4.8E+5	ID	4.8E+5	1.0E+9 (D)	6.5E+8	6.7E+9	2.9E+7	NA	ND	ND	1,700	ND	320	ND	ND	ND	10,000	ND	ND
Total Metals Analysis (ug/Kg)																					
Arsenic	7440382	5,800	4,600	70,000 (X)	2.0E+6	NLV	NLV	7.2E+5	7,600	NA	NA	NA	NA	NA	**7,100**	**5,900**	1,000	3,900	**25,000**	2,400	2,000
Barium (B)	7440393	75,000	1.3E+6	(G,X)	1.0E+9 (D)	NLV	NLV	3.3E+8	3.7E+7	NA	NA	NA	NA	NA	600,000	69,000	22,000	60,000	**1,700,000**	40,000	27,000
Cadmium (B)	7440439	1,200	6,000	(G,X)	2.3E+8	NLV	NLV	1.7E+6	5.5E+5	NA	ND	ND	NA	NA	2,800	ND	330	ND	**9,100**	180	ND
Chromium (total)	18540299	18,000 (total)	50,000	3,300	1.4E+8	NLV	NLV	2.6E+5	2.5E+6	NA	**33,000**	**13,000**	NA	NA	**46,000**	**16,000**	**14,000**	**10,000**	**160,000**	**9,400**	**8,900**
Copper (B)	7440508	32,000	5.8E+6	(G)	1.0E+9 (D)	NLV	NLV	1.3E+8	2.0E+7	NA	NA	NA	NA	NA	500,000	21,000	25,000	9,100	700,000	8,900	10,000
Lead (B)	7439921	21,000	7.0E+5	(G,X)	ID	NLV	NLV	1.0E+8	4.0E+5	NA	17,000	5,300	NA	NA	**1,000,000**	8,600	50,000	25,000	**2,900,000**	7,000	4,300
Mercury (Total) (B,Z)	Varies	130	1,700	50 (M); 1.2	47,000	48,000	52,000	2.0E+7	1.6E+5	NA	NA	NA	NA	NA	**500**	**52**	ND	**91**	ND	ND	ND
Selenium (B)	7782492	410	4,000	400	7.8E+7	NLV	NLV	1.3E+8	2.6E+6	NA	NA	NA	NA	NA	ND	ND	1,400	ND	ND	ND	ND
Silver (B)	7440224	1,000	4,500	100 (M); 27	2.0E+8	NLV	NLV	6.7E+6	2.5E+6	NA	NA	NA	NA	NA	**510**	ND	ND	ND	**1,200**	ND	ND
Zinc (B)	7440666	47,000	2.4E+6	(G)	1.0E+9 (D)	NLV	NLV	ID	1.7E+8	NA	NA	NA	NA	NA	660,000	39,000	26,000	86,000	1,800,000	27,000	24,000
Polychlorinated biphenyls (PCBs) (J,T)																					
Polychlorinated biphenyls (PCBs) (J,T)	1336363	NA	NLL	NLL	NLL	3.0E+6	2.4E+5	5.2E+6	(T)	NA	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

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Analytes	**CAS#**																	
Volatile Organic Compounds (VOCs) (ug/Kg)																		
Benzene (I)	71432	NA	100	4,000 (X)	2.2E+5	1,600	13,000	3.8E+8	1.8E+5	4.0E+5	170	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	104518	NA	1,600	ID	1.2E+5	ID	ID	ID	2.5E+6	1.0E+7	ND	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	135988	NA	1,600	ID	88,000	ID	ID	ID	2.5E+6	1.0E+7	ND	NA	NA	NA	NA	NA	NA	NA
t-Butylbenzene (I)	98066	NA	1,600	NA	1.8E+5	ID	ID	ID	2.5E+6	1.0E+7	ND	NA	NA	NA	NA	NA	NA	NA
Chloroform	67663	NA	1,600 (W)	3,400 (X)	1.5E+6 (C)	7,200	45,000	1.3E+9	1.2E+6	1.5E+6	ND	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene (I)	100414	NA	1,500	360	1.4E+5 (C)	87,000	7.2E+5	1.0E+10	1.4E+5 (C)	1.4E+5	ND	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	91576	NA	57,000	ID	5.5E+6	ID	ID	ID	8.1E+6	NA	ND	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene (I)	103651	NA	1,600	NA	3.0E+5	ID	ID	1.3E+9	2.5E+6	1.0E+7	ND	NA	NA	NA	NA	NA	NA	NA
Styrene	100425	NA	2,700	2,200	2.7E+5	2.5E+5	9.7E+5	5.5E+9	4.0E+5	5.2E+5	ND	NA	NA	NA	NA	NA	NA	NA
Toluene (I)	108883	NA	16,000	2,800	2.5E+5 (C)	2.5E+5 (C)	2.8E+6	2.7E+10	2.5E+5 (C)	2.5E+5	ND	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene (I)	95636	NA	2,100	570	1.1E+5 (C)	1.1E+5 (C)	2.1E+7	8.2E+10	1.1E+5 (C)	1.1E+5	ND	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene (I)	108678	NA	1,800	1,100	94,000 (C)	94,000 (C)	1.6E+7	8.2E+10	94,000 (C)	94,000	ND	NA	NA	NA	NA	NA	NA	NA
Xylenes (I)	1330207	NA	5,600	700	1.5E+5 (C)	1.5E+5 (C)	4.6E+7	2.9E+11	1.5E+5 (C)	1.5E+5	ND	NA	NA	NA	NA	NA	NA	NA
Remaining VOCs	Varies	-	-	-	-	-	-	-	-	-	ND	NA	NA	NA	NA	NA	NA	NA
Polynuclear Aromatic Hydrocarbons (PNAs) (ug/Kg)																		
Acenaphthene	83329	NA	3.0E+5	4,400	9.7E+5	1.9E+8	8.1E+7	1.4E+10	4.1E+7	NA	ND	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	208968	NA	5,900	ID	4.4E+5	1.6E+6	2.2E+6	2.3E+9	1.6E+6	NA	ND	NA	NA	NA	NA	NA	NA	NA
Anthracene	120127	NA	41,000	ID	41,000	1.0E+9 (D)	1.4E+9	6.7E+10	2.3E+8	NA	ND	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene (Q)	56553	NA	NLL	NLL	NLL	NLV	NLV	ID	20,000	NA	ND	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene (Q)	50328	NA	NLL	NLL	NLL	NLV	NLV	1.5E+6	2,000	NA	ND	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene (Q)	205992	NA	NLL	NLL	NLL	ID	ID	ID	20,000	NA	ND	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	191242	NA	NLL	NLL	NLL	NLV	NLV	8.0E+8	2.5E+6	NA	ND	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene (Q)	207089	NA	NLL	NLL	NLL	NLV	NLV	ID	2.0E+5	NA	ND	NA	NA	NA	NA	NA	NA	NA
Chrysene (Q)	218019	NA	NLL	NLL	NLL	ID	ID	ID	2.0E+6	NA	ND	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene (Q)	53703	NA	NLL	NLL	NLL	NLV	NLV	ID	2,000	NA	ND	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	206440	NA	7.3E+5	5,500	7.3E+5	1.0E+9 (D)	7.4E+8	9.3E+9	4.6E+7	NA	ND	NA	NA	NA	NA	NA	NA	NA
Fluorene	86737	NA	3.9E+5	5,300	8.9E+5	5.8E+8	1.3E+8	9.3E+9	2.7E+7	NA	ND	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene (Q)	193395	NA	NLL	NLL	NLL	NLV	NLV	ID	20,000	NA	ND	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	91576	NA	57,000	ID	5.5E+6	ID	ID	ID	8.1E+6	NA	ND	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	85018	NA	56,000	5,300	1.1E+6	2.8E+6	1.6E+5	6.7E+6	1.6E+6	NA	ND	NA	NA	NA	NA	NA	NA	NA
Pyrene	129000	NA	4.8E+5	ID	4.8E+5	1.0E+9 (D)	6.5E+8	6.7E+9	2.9E+7	NA	ND	NA	NA	NA	NA	NA	NA	NA
Total Metals Analysis (ug/Kg)																		
Arsenic	7440382	5,800	4,600	70,000 (X)	2.0E+6	NLV	NLV	7.2E+5	7,600	NA	**4,600**	NA	NA	NA	NA	NA	NA	NA
Barium (B)	7440393	75,000	1.3E+6	(G,X)	1.0E+9 (D)	NLV	NLV	3.3E+8	3.7E+7	NA	61,000	NA	NA	NA	NA	NA	NA	NA
Cadmium (B)	7440439	1,200	6,000	(G,X)	2.3E+8	NLV	NLV	1.7E+6	5.5E+5	NA	ND	NA	NA	NA	NA	NA	NA	NA
Chromium (VI)	18540299	NA	30,000	3,300	1.4E+8	NLV	NLV	2.6E+5	2.5E+6	NA	**14,000**	NA	NA	NA	NA	NA	NA	NA
Copper (B)	7440508	32,000	5.8E+6	(G)	1.0E+9 (D)	NLV	NLV	1.3E+8	2.0E+7	NA	11,000	NA	NA	NA	NA	NA	NA	NA
Lead (B)	7439921	21,000	7.0E+5	(G,X)	ID	NLV	NLV	1.0E+8	4.0E+5	NA	26,000	NA	NA	NA	NA	NA	NA	NA
Mercury (Total) (B,Z)	Varies	130	1,700	50 (M); 1.2	47,000	48,000	52,000	2.0E+7	1.6E+5	NA	**170**	NA	NA	NA	NA	NA	NA	NA
Selenium (B)	7782492	410	4,000	400	7.8E+7	NLV	NLV	1.3E+8	2.6E+6	NA	ND	NA	NA	NA	NA	NA	NA	NA
Silver (B)	7440224	1,000	4,500	100 (M); 27	2.0E+8	NLV	NLV	6.7E+6	2.5E+6	NA	ND	NA	NA	NA	NA	NA	NA	NA
Zinc (B)	7440666	47,000	2.4E+6	(G)	1.0E+9 (D)	NLV	NLV	ID	1.7E+8	NA	44,000	NA	NA	NA	NA	NA	NA	NA
Polychlorinated biphenyls (PCBs) (J,T)																		
Polychlorinated biphenyls (PCBs) (J,T)	1336363	NA	NLL	NLL	NLL	3.0E+6	2.4E+5	5.2E+6	(T)	NA	NA	ND	ND	ND	ND	ND	ND	ND

Notes:

B - Background, as defined in R 299.5701(b), may be substituted if higher than the calculated cleanup criterion.

C - Value presented is a screening level based on the chemical-specific generic soil saturation concentration (Csat) since the calculated risk-based criterion is greater than Csat.

D - Calculated criterion exceeds 1009%, hence it is reduced to 100% or 1.0E+9 ppb.

G - Groundwater surface water interface (GSI) criterion depends on the pH or water hardness, or both, of the receiving surface water.

H - Valence-specific chromium data (Cr III and Cr VI) shall be compared to the corresponding valence-specific cleanup criteria.

I - Hazardous substances may exhibit the characteristic of ignitability as defined in 40 C.F.R. Section 261.21 (revised as of July 1, 2001), which is adopted by reference in these rules and which is available for inspection.

M - Calculated criterion is below the analytical's target detection limit, therefore, the criterion defaults to the target detection limit.

Q - Criteria for carcinogenic polycyclic aromatic hydrocarbons were developed using relative potential potencies to benzo(a)pyrene.

X - The groundwater surface water interface (GSI) criterion shown in the generic cleanup criteria tables is not protective for surface water that is used as a drinking water source.

ID - Insufficient data to develop criterion.

NA - Criterion or value is not available or, in the case of background and chemical abstract service numbers, not applicable.

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions.

ND - Non-detect

µg/Kg - micrograms per Kilogram

bold - Parameter exceeds indicated criterion

Table 1.
Summary of Soil Analytical Results
Former Detroit Elevator Building
1938 Franklin Steet
Detroit, Michigan
AKT Peerless Project Number
5324d-1-20

Sample Identification and Date		Statewide Default Background Levels	Groundwater Protection			Indoor Air	Ambient Air (Y)				Direct Contact		GP-96 (2-4) 08/05/1998	GP-96 (6-8) 08/05/1998	GP-97 (2-4) 08/05/1998	GP-97 (6-8) 08/05/1998
			Residential and Commerical I Drinking Water Protection Criteria & RBSLs	Residential and Commerical I Groundwater Surface Water Interface Protection Criteria & RBSLs	Residential and Commerical I Groundwater Contact Protection Criteria & RBSLs	Residential and Commerical I Soil Volatilization to Indoor Air Inhalation Criteria & RBSLs	Residential and Commerical I Infinite Source Volatile Soil Inhalation Criteria (VSIC) & RBSLs	Residential and Commerical I Finite VSIC for 5 Meter Source Thickness	Residential and Commerical I Finite VSIC for 2 Meter Source Thickness	Residential and Commerical I Particulate Soil Inhalation Criteria & RBSLs	Residential and Commerical I Direct Contact Criteria & RBSLs	Soil Saturation Concentration Screening Levels				
Analytes	**CAS#**															
Volatile Organic Compounds (VOCs) (u																
Volatile Organic Compounds	-												ND	NA	ND	NA
Polynuclear Aromatic Hydrocarbons (P																
Acenaphthene	83329	NA	3.0E+5	4,400	9.7E+5	1.9E+8	8.1E+7	8.1E+7	8.1E+7	1.4E+10	4.1E+7	NA	ND	NA	ND	NA
Acenaphthylene	208968	NA	5,900	ID	4.4E+5	1.6E+6	2.2E+6	2.2E+6	2.2E+6	2.3E+9	1.6E+6	NA	ND	NA	ND	NA
Anthracene	120127	NA	41,000	ID	41,000	1.0E+9 (D)	1.4E+9	1.4E+9	1.4E+9	6.7E+10	2.3E+8	NA	450	NA	450	NA
Benzo(a)anthracene (Q)	56553	NA	NLL	NLL	NLL	NLV	NLV	NLV	NLV	ID	20,000	NA	ND	NA	ND	NA
Benzo(a)pyrene (Q)	50328	NA	NLL	NLL	NLL	NLV	NLV	NLV	NLV	1.5E+6	2,000	NA	ND	NA	ND	NA
Benzo(b)fluoranthene (Q)	205992	NA	NLL	NLL	NLL	ID	ID	ID	ID	ID	20,000	NA	ND	NA	ND	NA
Benzo(g,h,i)perylene	191242	NA	NLL	NLL	NLL	NLV	NLV	NLV	NLV	8.0E+8	2.5E+6	NA	ND	NA	ND	NA
Benzo(k)fluoranthene (Q)	207089	NA	NLL	NLL	NLL	NLV	NLV	NLV	NLV	ID	2.0E+5	NA	1,800	NA	1,800	NA
Chrysene (Q)	218019	NA	NLL	NLL	NLL	ID	ID	ID	ID	ID	2.0E+6	NA	2,700	NA	2,760	NA
Dibenzo(a,h)anthracene (Q)	53703	NA	NLL	NLL	NLL	NLV	NLV	NLV	NLV	ID	2,000	NA	ND	NA	ND	NA
Fluoranthene	206440	NA	7.3E+5	5,500	7.3E+5	1.0E+9 (D)	7.4E+8	7.4E+8	7.4E+8	9.3E+9	4.6E+7	NA	4,200	NA	3,800	NA
Fluorene	86737	NA	3.9E+5	5,300	8.9E+5	5.8E+8	1.3E+8	1.3E+8	1.3E+8	9.3E+9	2.7E+7	NA	ND	NA	ND	NA
Indeno(1,2,3-cd)pyrene (Q)	193395	NA	NLL	NLL	NLL	NLV	NLV	NLV	NLV	ID	20,000	NA	ND	NA	ND	NA
2-Methylnaphthalene	91576	NA	57,000	ID	5.5E+6	ID	ID	ID	ID	ID	8.1E+6	NA	ND	NA	ND	NA
Naphthalene	91203	NA	35,000	870	2.1E+6	2.5E+5	3.0E+5	3.0E+5	3.0E+5	2.0E+8	1.6E+7	NA	ND	NA	ND	NA
Phenanthrene	85018	NA	56,000	5,300	1.1E+6	2.8E+6	1.6E+5	1.6E+5	1.6E+5	6.7E+6	1.6E+6	NA	2,200	NA	2,250	NA
Pyrene	129000	NA	4.8E+5	ID	4.8E+5	1.0E+9 (D)	6.5E+8	6.5E+8	6.5E+8	6.7E+9	2.9E+7	NA	3,500	NA	3,800	NA
Michigan Metals (ug/Kg)																
Arsenic	7440382	5,800	4,600	70,000 (X)	2.0E+6	NLV	NLV	NLV	NLV	7.2E+5	7,600	NA	**16,175**	NA	**11,117**	NA
Barium (B)	7440393	75,000	1.3E+6	(G,X)	1.0E+9 (D)	NLV	NLV	NLV	NLV	3.3E+8	3.7E+7	NA	824,890	NA	247,166	NA
Cadmium (B)	7440439	1,200	6,000	(G,X)	2.3E+8	NLV	NLV	NLV	NLV	1.7E+6	5.5E+5	NA	1,031	NA	449	NA
Chromium (III) (B,H)	16065831	18,000 (total)	1.0E+9 (D)	(G,X)	1.0E+9 (D)	NLV	NLV	NLV	NLV	3.3E+8	7.9E+8	NA	32,278	NA	15,563	NA
Copper (B)	7440508	32,000	5.8E+6	(G)	1.0E+9 (D)	NLV	NLV	NLV	NLV	1.3E+8	2.0E+7	NA	122,710	NA	104,984	NA
Lead (B)	7439921	21,000	7.0E+5	(G,X)	ID	NLV	NLV	NLV	NLV	1.0E+8	4.0E+5	NA	**740,400**	NA	304,179	NA
Mercury (Total) (B,Z)	Varies	130	1,700	50 (M); 1.2	47,000	48,000	52,000	52,000	52,000	2.0E+7	1.6E+5	NA	ND	NA	ND	NA
Selenium (B)	7782492	410	4,000	400	7.8E+7	NLV	NLV	NLV	NLV	1.3E+8	2.6E+6	NA	**920**	NA	ND	NA
Silver (B)	7440224	1,000	4,500	100 (M); 27	2.0E+8	NLV	NLV	NLV	NLV	6.7E+6	2.5E+6	NA	ND	NA	ND	NA
Zinc (B)	7440666	47,000	2.4E+6	(G)	1.0E+9 (D)	NLV	NLV	NLV	NLV	ID	1.7E+8	NA	530,290	NA	257,710	NA
Polychorinated Biphenyls (ug/Kg)																
Polybrominated biphenyls (J)	67774327	NA	NLL	NLL	NLL	NLV	NLV	NLV	NLV	ID	1,200	NA	ND	NA	ND	NA

Table 2
Summary of Groundwater Analytical Results

Former Detroit Elevator Co.
1938 Franklin Street
Detroit, Michigan
AKT Peerless Project Number
5324d2-1-20

Sample Identification and Date		Residential & Commercial I Drinking Water Criteria & RBSLs	Groundwater Surface Water Interface Criteria & RBSLs	Residential & Commercial I Groundwater Volatilization to Indoor Air Inhalation Criteria & RBSLs	Groundwater Contact Criteria & RBSLs	B-2W 1/9/2006
Analytes	**CAS#**					
Volatile Organic Compounds (VOCs) (ug/L)						
VOCs	Varies	varies	varies	varies	varies	ND
Polynuclear Aromatic Hydrocarbons (PNAs) (ug/L)						
PNAs	Varies	varies	varies	varies	varies	ND
Total Metals Analysis (ug/L)						
Michigan Metals	Varies	varies	varies	varies	varies	NA

NA - Not Analyzed

ND - Non-detect

ug/L - micrograms per Liter

APPENDIX A

Atwell-Hicks August 1998 Summary Letter

Civil Engineering • Surveying
Planning • Environmental Services

A T W E L L - H I C K S, I N C.

6303 26 Mile Road
P.O. Box 605
Washington, Michigan 48094-0605
810 786 9800 • FAX: 810 786 5686

August 26, 1998

Mr. Mark Wilson
Cox, Hodgman & Giarmarco
Columbia Center
201 West Big Beaver Road, Suite 500
Troy, MI 48084-4160

Atwell-Hicks, Inc. Project No. MA02011

Re: Detroit Elevator Company
1918 Franklin Ave., Detroit, Michigan

Dear Mr. Wilson:

Atwell-Hicks, Inc. (AHI) is pleased to present this letter to summarize the oversight and sampling activities at the Detroit Elevator Company site. The Detroit Elevator Company site is located at 1918 Franklin Road in Detroit, Michigan. Roy F. Weston, Inc. was retained by the City of Detroit to conduct a subsurface investigation at the Detroit Elevator Company site. AHI was retained to observe Roy F. Weston, Inc.'s field activities and split soil samples with Roy F. Weston, Inc.

On August 4, 1998, AHI was on-site to observe Roy F. Weston, Inc.'s geophysical survey activities. The objective of the geophysical survey was to detect any underground storage tank (UST) in the parking lot. Roy F. Weston, Inc. subcontracted Imaging Subsurface, Inc. to perform the geophysical survey. The geophysical survey did not detect any USTs at the site.

On August 5, 1998, AHI was on-site to observe Roy F. Weston, Inc.'s subsurface investigation activities. Roy F. Weston, Inc. subcontracted Lakeshore Engineering Services, Inc. to perform the drilling and sampling services.

Two geoprobe soil borings were drilled in the parking lot. Soil Boring GP96 was placed in the southeastern portion of the parking lot, and Soil Boring GP97 was placed in the northwestern portion of the parking lot. Both soil borings were advanced to 12 feet below the grade.

The drilling revealed that the soil at the site consisted of fill materials over the native clay. The fill materials consisted of silty/clayey sand of black/gray color. The native brown, dense and dry clay was encountered at approximately 8 feet in GP96 and at approximately 6 feet in GP97. No groundwater was encountered in the fill materials of the soil borings.

Mary A. Borkowski, RLA • William C. Henderson • Robert J. Jagow Jr., PE, PS • Robert G. Macomber, PE, PS
H. Lawrence O'Donnell, PS • Robert J. Phelps, PE, PS • Allen R. Suggitt, PE • Richard G. Timmons, PE, PS

Table 1
Summary of Soil Analytical Results

Compound Name	[illegible]	[illegible]	[illegible]
Semi-VOCs			
Anthracene	450	450	1.0E+9
Benzo(k)fluoranthene	1,800	1,800	2.1E+6
Chrysene	2,700	2,760	2.1E+7
Fluoranthene	4,200	3,800	5.4E+8
Phenanthrene	2,200	2,250	1.6E+7
Pyrene	3,500	3,800	3.4E+8
Other 66 compounds	<	<	
VOCs			
All 34 VOCs	<	<	
Metals/Cyanide			
Arsenic	16,175	11,117	1.0E+5 (5,800*)
Barium	824,890	247,116	3.2E+8 (75,000*)
Cadmium	1,031	449	2.3E+6 (1,200*)
Chromium	32,278	15,563	1.0E+9 (18,000*)
Lead	740,400	304,179	900,000 (21,000*)
Mercury	<	<	1.4E+6 (130*)
Selenium	920	<	2.3E+7 (410*)
Silver	<	<	2.1E+7 (1,000*)
Copper	122,710	104,984	1.7E+8 (32,000*)
Zinc	530,290	257,710	1.0E+9 (47,000*)
Cyanide	<	<	2.5E+5
PCBs			
All 7 PCBs	<	<	

Note: presented in µg/kg (ppb); < - non detect or less than method detection limit; * - Michigan default value

Lakeshore Engineering Services, Inc. collected two soil samples from each soil borings for laboratory analysis. Soil samples for analysis of VOCs were collected with the EnCore samplers. Specifically, GP96 at 2 to 4 feet, GP96 at 6 to 8 feet, GP97 at 2 to 4 feet and GP97 at 6 to 7 feet were collected for the laboratory analysis. These four samples were submitted to Encotec for analysis of VOCs, semi-VOCs, 10 Michigan metals, total cyanide, and PCBs.

AHI split two soil samples, GP96 at 2 to 4 feet and GP97 at 2 to 4 feet, for laboratory analysis. These two samples were analyzed at RTI Laboratories, Inc. for VOCs, semi-VOCs, 10 Michigan metals, total cyanide, and PCBs. Soil samples for VOCs analysis were preserved with methanol on-site.

AHI's laboratory results are summarized in Table 1. The detailed laboratory report is attached.

The review of the analytical results indicated that no VOCs, PCBs or total cyanide were detected in the soil samples. Of semi-VOCs, only six PNAs were detected. The levels of these PNAs were below the MDEQ Part 201 generic industrial soil direct contact criteria. Of 10 Michigan metals, eight metals were detected, but their levels were below the MDEQ Part 201 generic industrial soil direct contact criteria (see Table 1).

Based on the analytical results, AHI considers that the detected compounds do not pose an unacceptable risks to the site occupants and the environment. Since lead and arsenic levels in soil were above the MDEQ Part 201 generic residential soil direct contact criteria, this site is classified as a Facility.

Should you have any questions regarding this letter, please contact me at (810) 786-9800.

Sincerely,
ATWELL-HICKS, INC.

Mao Huang, Ph.D.
Environmental Engineer

William C. Henderson
Manager, Environmental Services

MH
x:\envrp\chg\02011.sum

Attachment

RTI LABORATORIES, INC.

A DIVISION OF DETREX CORPORATION

REPORT OF ANALYTICAL SERVICES

TO: Atwell-Hicks
6303 26 Mile Rd.
Washington, MI 48094

Report Date: 08/14/98

Lab Number: 98-2027A

Customer P.O. #:

Customer #:

RTI Quote #:

Attn: Kao Huang

PART / SAMPLE IDENTIFICATION:

Detroit Elevator Company - Project #MA02011
3 Samples

Received: 08/05/98 Tests Completed: 08/13/98 Reported: 08/14/98

WORK REQUESTED / PERFORMED:

Analysis: 8260 SCAN, 8270 SCAN, METALS, CYANIDE (#1-2); 8260 SCAN (#3)

THE RESULTS OF ALL TESTS and/or ANALYSES REQUESTED ARE REPORTED ON THE PAGES WHICH FOLLOW.

Number of pages including this page 13.

APPROVED BY: _____ REPORTED BY: AF

The data and information presented herein, while not guaranteed, are to the best of our knowledge accurate and true. No warranty or guarantee implied or expressed is made regarding these analytical results, since securing and properly preserving representative samples and since the sample custody chains are beyond RTI control. The results provided by RTI are neither intended to suggest product merchantability, nor for use in infringement of any existing patent, RTI will not assume any liability or responsibility for any such infringement. Alteration, or reproduction other than in its entirety is not authorized by RTI Laboratories, Inc.

31628 GLENDALE AVENUE • LIVONIA, MI 48150 • (734) 422-8000 • FAX (734) 422-5342

RTI LABORATORIES, INC.
A DIVISION OF DETREX CORPORATION

CONFIDENTIAL REPORT OF EVALUATION

Submitted by : Mao Huang

Lab. No. : 98-2027A

Client : Atwell-Hicks
Washington, MI

Report Date : 08/14/98

Sample ID :

Detroit Elevator Company - Project #MA02011
3 Samples

Object :

Analysis: 8260 SCAN, 8270 SCAN, METALS, CYANIDE (#1-2); 8260 SCAN (#3)

Results and Discussion :

SAMPLE IDENTIFICATION	SAMPLE MATRIX
1 - GP96 2-4' 8/5/98	Soil
2 - GP97 2-4' 8/5/98	Soil
3 - Blank #45008 8/5/98	Liquid

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RTI LABORATORIES, INC.
A DIVISION OF DETREX CORPORATION

CONFIDENTIAL REPORT OF EVALUATION

Submitted by: Mao Huang
Client: Atwell-Hicks
Object: Analysis: 8260 SCAN, 8270 SCAN, METALS, CYANIDE (#1-2); 8260 SCAN (#3)

Report Date: 06/14/98
Lab. No. : 98-2027A

Sample ID: Detroit Elevator Company - GP96 2-4' 6/5/98

COMPOUNDS	MDL (ppb)	LOD-S (ppb)	Results (ppb)
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (Method EPA 3500A, 3550, 8270)			
Acenaphthene	330	330	ND
Acenaphthylene	330	330	ND
Aniline	330	330	ND
Anthracene	330	330	450
Benzidine	330	330	ND
Benzyl alcohol	330	330	ND
Benzo(a)anthracene	330	330	ND
Benzo(a)pyrene	330	330	ND
Benzo(ghi)perylene	330	330	ND
Benzo(b)fluoranthene	330	330	ND
Benzo(k)fluoranthene	330	330	1800
Bis (2-chloroethoxy) methane	330	330	ND
Bis (2-chloroethyl) ether	330	330	ND
Bis (2-chloroisopropyl) ether	330	330	ND
Bis (2-ethylhexyl) phthalate	330	330	ND
4-bromophenyl phenyl ether	330	330	ND
Butyl benzyl phthalate	330	330	ND
Carbozole	330	330	ND
4-chloroaniline	330	330	ND
2-chloronaphthalene	330	330	ND
4-chlorophenyl phenyl ether	330	330	ND
Chrysene	330	330	2700
Dibenzo(a,h)anthracene	330	330	ND
Dibenzofuran	330	330	ND
1,2-Dichlorobenzene	330	330	ND
1,3-Dichlorobenzene	330	330	ND
1,4-Dichlorobenzene	330	330	ND
3,3'-dichlorobenzidine	330	330	ND
Diethyl phthalate	330	330	ND
Dimethyl phthalate	330	330	ND
Di-n-butyl phthalate	330	330	ND
2,4-dinitrotoluene	330	330	ND
2,6-dinitrotoluene	330	330	ND
Di-n-octyl phthalate	330	330	ND
Fluoranthene	330	330	4200
Fluorene	330	330	ND

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RTI LABORATORIES, INC.
A DIVISION OF DETREX CORPORATION

CONFIDENTIAL REPORT OF EVALUATION

Submitted by: Mao Huang
Client: Atwell-Hicks
Object: Analysis: 8260 SCAN, 8270 SCAN, METALS, CYANIDE (#1-2); 8260 SCAN (#3)

Report Date: 08/14/98
Lab. No. : 98-2027A

Sample ID: Detroit Elevator Company - GP96 2-4' 8/5/98

COMPOUNDS	MDL (ppb)	LOQ-S (ppb)	Results (ppb)
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (Method EPA 3500A, 3550, 8270)			
Hexachlorobenzene	330	330	ND
Hexachlorobutadiene	330	330	ND
Hexachlorocyclopentadiene	330	330	ND
Hexachloroethane	330	330	ND
Indeno(1,2,3-cd)pyrene	330	330	ND
Isophorone	330	330	ND
2-methylnaphthalene	330	330	ND
Azobenzene	330	330	ND
Naphthalene	330	330	ND
2-Nitroaniline	330	330	ND
3-Nitroaniline	330	330	ND
4-Nitroaniline	330	330	ND
Nitrobenzene	330	330	ND
N-nitrosodimethylamine	330	330	ND
N-nitrosodi-n-propylamine	330	330	ND
N-nitrosodiphenylamine	330	330	ND
Phenanthrene	330	330	2200
Pyrene	330	330	3500
1,2,4-trichlorobenzene	330	330	ND
ACID EXTRACTABLE COMPOUNDS (Method EPA 3500A, 3550, 8270)			
Benzoic Acid	330	330	ND
2-chlorophenol	330	330	ND
2,4-dichlorophenol	330	330	ND
2,6-dichlorophenol	330	330	ND
2,4-dimethylphenol	330	330	ND
2-Methyl-4,6-dinitrophenol	330	330	ND
2,4-dinitrophenol	330	330	ND
2-methylphenol	330	330	ND
4-methylphenol	330	330	ND
2-nitrophenol	330	330	ND
4-nitrophenol	330	330	ND
4-Chloro-3-methyl phenol	330	330	ND
Pentachlorophenol	330	330	ND
Phenol	330	330	ND
2,4,5-trichlorophenol	330	330	ND
2,4,6-trichlorophenol	330	330	ND
2,3,4,6-tetrachlorophenol	330	330	ND
2-chloro-m-cresol (cresol)	330	330	ND

RTI LABORATORIES, INC.
A DIVISION OF DETREX CORPORATION

CONFIDENTIAL REPORT OF EVALUATION

Submitted by: Mao Huang
Client: Atwell-Hicks
Object: Analysis: 8260 SCAN, 8270 SCAN, METALS, CYANIDE (#1-2); 8260 SCAN (#3)

Report Date: 08/14/98
Lab. No. : 98-2027A

Sample ID: Detroit Elevator Company - GP96 2-4' 8/5/98

COMPOUNDS	MDL (ppb)	LOD-S (ppb)	Result (ppb)
VOLATILE ORGANIC COMPOUNDS (Method 5035, 8260)			
Acetone	750	750	ND
Benzene	50	50	ND
Bromodichloromethane	100	100	ND
Bromoform	100	100	ND
Bromomethane	250	250	ND
2-Butanone	250	250	ND
Carbon disulfide	250	250	ND
Carbon tetrachloride	50	50	ND
Chlorobenzene	50	50	ND
Chloroethane	250	250	ND
Chloroform	50	50	ND
Chloromethane	250	250	ND
Dibromochloromethane	100	100	ND
1,1-Dichloroethane	50	50	ND
1,2-Dichloroethane	50	50	ND
1,1-Dichloroethene	50	50	ND
cis-1,2-Dichloroethene	50	50	ND
trans-1,2-Dichloroethene	50	50	ND
1,2-Dichloropropane	50	50	ND
cis-1,3-Dichloropropene	50	50	ND
trans-1,3-Dichloropropene	50	50	ND
Ethylbenzene	50	50	ND
2-Hexanone	250	250	ND
Methylene chloride	250	250	ND
4-Methyl-2-pentanone	250	250	ND
Styrene	50	50	ND
1,1,2,2-Tetrachloroethane	100	100	ND
Tetrachloroethene	50	50	ND
Toluene	50	50	ND
1,1,1-Trichloroethane	50	50	ND
1,1,2-Trichloroethane	50	50	ND
Trichloroethene	50	50	ND
Vinyl chloride	100	100	ND
Xylenes	250	250	ND

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RTI LABORATORIES, INC.
A DIVISION OF DETREX CORPORATION

CONFIDENTIAL REPORT OF EVALUATION

Submitted by: Mao Huang
Client: Atwell-Hicks
Object: Analysis: 8260 SCAN, 8270 SCAN, METALS, CYANIDE (#1-2); 8260 SCAN (#3)

Report Date: 06/14/98
Lab. No. : 98-2027A

Sample ID: Detroit Elevator Company - GP96 2-4' 8/5/98

PARAMETERS	METHOD	MDL (ppb)	LOD-S (ppb)	Results (ppb)
METALS	3050A (Sample Preparation)			
Arsenic	7060A	1000	1000	16175
Barium	6010	1000	1000	824890
Cadmium	7131A	50.0	50.0	1031
Chromium	6010	2500	2500	32278
Lead	6010	1000	1000	740400
Mercury	7471A	100	100	ND
Selenium	7740	500	500	920
Silver	7761	500	500	ND
Copper	6010	1000	1000	122710
Zinc	6010	1000	1000	530290

PARAMETERS	METHOD	MDL (ppm)	LOD-S (ppm)	Results (ppm)
CYANIDE	9010	10	10	ND

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RTI LABORATORIES, INC.
A DIVISION OF DETREX CORPORATION

CONFIDENTIAL REPORT OF EVALUATION

Submitted by: Mao Huang
Client: Atwell-Hicks
Object: Analysis: 8260 SCAN, 8270 SCAN, METALS, CYANIDE (#1-2); 8260 SCAN (#3)

Report Date: 08/14/98
Lab. No. : 98-2027A

Sample ID: Detroit Elevator Company - GP97 2-4' 8/5/98

COMPOUNDS	MDL (ppb)	LOD-S (ppb)	Results (ppb)
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (Method EPA 3500A, 3550, 8270)			
Acenaphthene	330	330	ND
Acenaphthylene	330	330	ND
Aniline	330	330	ND
Anthracene	330	330	450
Benzidine	330	330	ND
Benzyl alcohol	330	330	ND
Benzo(a)anthracene	330	330	ND
Benzo(a)pyrene	330	330	ND
Benzo(ghi)perylene	330	330	ND
Benzo(b)fluoranthene	330	330	ND
Benzo(k)fluoranthene	330	330	1800
Bis (2-chloroethoxy) methane	330	330	ND
Bis (2-chloroethyl) ether	330	330	ND
Bis (2-chloroisopropyl) ether	330	330	ND
Bis (2-ethylhexyl) phthalate	330	330	ND
4-bromophenyl phenyl ether	330	330	ND
Butyl benzyl phthalate	330	330	ND
Carbozole	330	330	ND
4-chloroaniline	330	330	ND
2-chloronaphthalene	330	330	ND
4-chlorophenyl phenyl ether	330	330	ND
Chrysene	330	330	2760
Dibenzo(a,h)anthracene	330	330	ND
Dibenzofuran	330	330	ND
1,2-Dichlorobenzene	330	330	ND
1,3-Dichlorobenzene	330	330	ND
1,4-Dichlorobenzene	330	330	ND
3,3'-dichlorobenzidine	330	330	ND
Diethyl phthalate	330	330	ND
Dimethyl phthalate	330	330	ND
Di-n-butyl phthalate	330	330	ND
2,4-dinitrotoluene	330	330	ND
2,6-dinitrotoluene	330	330	ND
Di-n-octyl phthalate	330	330	ND
Fluoranthene	330	330	3800
Fluorene	330	330	ND

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CONFIDENTIAL REPORT OF EVALUATION

Submitted by: Mao Huang
Client: Atwell-Hicks
Object: Analysis: 8260 SCAN, 8270 SCAN, METALS, CYANIDE (#1-2); 8260 SCAN (#3)

Report Date: 08/14/98
Lab. No. : 98-2027A

Sample ID: Detroit Elevator Company - GP97 2-4' 8/5/98

COMPOUNDS	MDL (ppb)	LOD-S (ppb)	Results (ppb)
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (Method EPA 3500A, 3550, 8270)			
Hexachlorobenzene	330	330	ND
Hexachlorobutadiene	330	330	ND
Hexachlorocyclopentadiene	330	330	ND
Hexachloroethane	330	330	ND
Indeno(1,2,3-cd)pyrene	330	330	ND
Isophorone	330	330	ND
2-methylnaphthalene	330	330	ND
Azobenzene	330	330	ND
Naphthalene	330	330	ND
2-Nitroaniline	330	330	ND
3-Nitroaniline	330	330	ND
4-Nitroaniline	330	330	ND
Nitrobenzene	330	330	ND
N-nitrosodimethylamine	330	330	ND
N-nitrosodi-n-propylamine	330	330	ND
N-nitrosodiphenylamine	330	330	ND
Phenanthrene	330	330	2250
Pyrene	330	330	3800
1,2,4-trichlorobenzene	330	330	ND
ACID EXTRACTABLE COMPOUNDS (Method EPA 3500A, 3550, 8270)			
Benzoic Acid	330	330	ND
2-chlorophenol	330	330	ND
2,4-dichlorophenol	330	330	ND
2,6-dichlorophenol	330	330	ND
2,4-dimethylphenol	330	330	ND
2-Methyl-4,6-dinitrophenol	330	330	ND
2,4-dinitrophenol	330	330	ND
2-methylphenol	330	330	ND
4-methylphenol	330	330	ND
2-nitrophenol	330	330	ND
4-nitrophenol	330	330	ND
4-Chloro-3-methyl phenol	330	330	ND
Pentachlorophenol	330	330	ND
Phenol	330	330	ND
2,4,5-trichlorophenol	330	330	ND
2,4,6-trichlorophenol	330	330	ND
2,3,4,6-tetrachlorophenol	330	330	ND
2-chloro-o-cresol (cresol)	330	330	ND

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RTI LABORATORIES, INC.
A DIVISION OF DETREX CORPORATION

CONFIDENTIAL REPORT OF EVALUATION

Submitted by: Mao Huang
Client: Atwell-Hicks
Object: Analysis: 8260 SCAN, 8270 SCAN, METALS, CYANIDE (#1-2); 8260 SCAN (#3)

Report Date: 08/14/98
Lab. No. : 98-2027A

Sample ID: Detroit Elevator Company - GP97 2-4' 8/5/98

COMPOUNDS	MDL (ppb)	LOQ-S (ppb)	Result (ppb)
VOLATILE ORGANIC COMPOUNDS (Method 5035, 8260)			
Acetone	750	750	ND
Benzene	50	50	ND
Bromodichloromethane	100	100	ND
Bromoform	100	100	ND
Bromomethane	250	250	ND
2-Butanone	250	250	ND
Carbon disulfide	250	250	ND
Carbon tetrachloride	50	50	ND
Chlorobenzene	50	50	ND
Chloroethane	250	250	ND
Chloroform	50	50	ND
Chloromethane	250	250	ND
Dibromochloromethane	100	100	ND
1,1-Dichloroethane	50	50	ND
1,2-Dichloroethane	50	50	ND
1,1-Dichloroethene	50	50	ND
cis-1,2-Dichloroethene	50	50	ND
trans-1,2-Dichloroethene	50	50	ND
1,2-Dichloropropane	50	50	ND
cis-1,3-Dichloropropene	50	50	ND
trans-1,3-Dichloropropene	50	50	ND
Ethylbenzene	50	50	ND
2-Hexanone	250	250	ND
Methylene chloride	250	250	ND
4-Methyl-2-pentanone	250	250	ND
Styrene	50	50	ND
1,1,2,2-Tetrachloroethane	100	100	ND
Tetrachloroethene	50	50	ND
Toluene	50	50	ND
1,1,1-Trichloroethane	50	50	ND
1,1,2-Trichloroethane	50	50	ND
Trichloroethene	50	50	ND
Vinyl chloride	100	100	ND
Xylenes	250	250	ND

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RTI LABORATORIES, INC.
A DIVISION OF DETREX CORPORATION

CONFIDENTIAL REPORT OF EVALUATION

Submitted by: Mao Huang
Client: Atwell-Hicks
Object: Analysis: 8260 SCAN, 8270 SCAN, METALS, CYANIDE (#1-2); 8260 SCAN (#3)

Report Date: 08/14/98
Lab. No. : 98-2027A

Sample ID: Detroit Elevator Company - GP97 2-4' 8/5/98

PARAMETERS	METHOD	MDL (ppb)	LOD-S (ppb)	Results (ppb)
METALS	3050A (Sample Preparation)			
Arsenic	7060A	1000	1000	11117
Barium	6010	1000	1000	247166
Cadmium	7131A	50.0	50.0	449
Chromium	6010	2500	2500	15563
Lead	6010	1000	1000	304179
Mercury	7471A	100	100	ND
Selenium	7740	500	500	ND
Silver	7761	500	500	ND
Copper	6010	1000	1000	104984
Zinc	6010	1000	1000	257710

PARAMETERS	METHOD	MDL (ppm)	LOD-S (ppm)	Results (ppm)
CYANIDE	9010	10	10	ND

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CONFIDENTIAL REPORT OF EVALUATION

Submitted by: Mao Huang
Client: Atwell-Hicks
Object: Analysis: 8260 SCAN, 8270 SCAN, METALS, CYANIDE (#1-2); 8260 SCAN (#3)

Report Date: 08/14/98
Lab. No. : 98-2027A

Sample ID: Detroit Elevator Company - Blank #45008 8/5/98

COMPOUNDS	MDL (ppb)	LOD-S (ppb)	Result (ppb)
VOLATILE ORGANIC COMPOUNDS (Method 5035, 8260)			
Acetone	750	750	ND
Benzene	50	50	ND
Bromodichloromethane	100	100	ND
Bromoform	100	100	ND
Bromomethane	250	250	ND
2-Butanone	250	250	ND
Carbon disulfide	250	250	ND
Carbon tetrachloride	50	50	ND
Chlorobenzene	50	50	ND
Chloroethane	250	250	ND
Chloroform	50	50	ND
Chloromethane	250	250	ND
Dibromochloromethane	100	100	ND
1,1-Dichloroethane	50	50	ND
1,2-Dichloroethane	50	50	ND
1,1-Dichloroethene	50	50	ND
cis-1,2-Dichloroethene	50	50	ND
trans-1,2-Dichloroethene	50	50	ND
1,2-Dichloropropane	50	50	ND
cis-1,3-Dichloropropene	50	50	ND
trans-1,3-Dichloropropene	50	50	ND
Ethylbenzene	50	50	ND
2-Hexanone	250	250	ND
Methylene chloride	250	250	ND
4-Methyl-2-pentanone	250	250	ND
Styrene	50	50	ND
1,1,2,2-Tetrachloroethane	100	100	ND
Tetrachloroethene	50	50	ND
Toluene	50	50	ND
1,1,1-Trichloroethane	50	50	ND
1,1,2-Trichloroethane	50	50	ND
Trichloroethene	50	50	ND
Vinyl chloride	100	100	ND
Xylenes	250	250	ND

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RTI LABORATORIES, INC.
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CONFIDENTIAL REPORT OF EVALUATION

Submitted by: Mao Huang
Client: Atwell-Hicks
Object: Analysis: 8260 SCAN, 8270 SCAN, METALS, CYANIDE (#1-2); 8260 SCAN (#3)

Report Date: 08/14/98
Lab. No. : 98-2027A

QA/QC DATA

1. SURROGATE % RECOVERY

VOLATILE COMPOUNDS (Method EPA 8260)

	Results(%) 1	2	3	Limits(%)
Dibromofluoromethane---	100	98	102	80 - 120
Toluene-d8----------	102	102	99	82 - 118
4-Bromofluorobenzene---	95	89	97	80 - 120

SEMI-VOLATILE COMPOUNDS (Method EPA 8270)

	Results(%) 1	2	Limits(%)
2-Fluorophenol---------	84	100	25 - 121
Nitrobenzene-d5--------	100	75	23 - 120
2-Fluorobiphenyl-------	124	92	30 - 115
Terphenyl-d14----------	80	62	18 - 137
2,4,6-Tribromophenol---	53	60	19 - 122
Phenol-d5----------	124	140	24 - 113

2. METHOD BLANKS (ORGANICS):

FILE ID	FRACTION	COMPOUND	RESULT
HPA48701	SEMI-VOL	All Compounds	ND
HPB50101	VOLATILE	All Compounds	ND

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RTI LABORATORIES, INC.
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CONFIDENTIAL REPORT OF EVALUATION

Submitted by: Mao Huang
Client: Atwell-Hicks
Object: Analysis: 8260 SCAN, 8270 SCAN, METALS, CYANIDE (#1-2); 8260 SCAN (#3)

Report Date: 08/14/98
Lab. No. : 98-2027A

SAMPLE PROCESSING DATA

	SEMI-VOL	VOLATILE	METALS
Date Extracted/Digested:-	08/07/98	NA	08/08/98
Extracted/Digested by:---	AB2	NA	JSI
Date Analyzed:----------	08/10/98	08/07/98	08/08/98
Analyzed by:----------	AB2	LK	JSI
File ID:----------	HPA48704-5	HPB50111-3	NA
Batch #:----------	081098	080798	080898

ND = Not Detected or less than MDL
NA = Not Applicable or Not Analyzed
LOD-S = Limit of Detection for the reported sample(s)
MDL = Method Detection Limit or Contract Required Detection Limit.
Trip/Field Blank Submitted: Yes
Test Parameters Subcontracted: None
Results are reported in ppb unless otherwise specified.
Results are reported on a dryweight basis where appropriate.
Issuing of this report certifies that all cited method control criteria have been met unless otherwise indicated or qualified in the quality control section.

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RTI LABORATORIES, INC.
(A division of Detrex Corporation)
31628 Glendale Avenue • Livonia, MI 48150

(734) 422-8000
Fax (734) 422-5342

PO#
RTI Lab # 98-2027A (LAB ONLY)

Submitted By: Atwell-Hicks Report To: Mao Huang Bill To:

Phone: Fax:

Project Name: Detroit Elevator Company

Project # MA02011 Phone: Fax: Phone: Fax:

Special Instructions / Comments:

	Sample I.D.	Date	Time	Grab	Composite	No. of Containers	Sample Type (water, soil, air, sludge, etc.)	Preservation Y	Preservation N	Analysis Desired: VOCs	Semi-VOCs	10 MI Metals	Cyanide (Total)							Lab WT.	Soil WT.	Total WT.	Comments on Sample (Include Major Contaminants)
1	GP96 2'-4'	8-5-98		Y		2	Soil	X		X	X	X	X							134.3	27.5	134.5	
2	GP97 2'-4'	"		"		3	"	X		X	X	X	X							133.7	28.0	133.9	
3	Blank # (45008)					1	MEOH																

Collected by: Mao Huang	Date: 8-5-98	Time:	
Relinquished by: Mao Huang	Date: 8-5-98	Time: 11:45 A	
Received by: [signature]	Date: 8-5-98	Time: 11:45 A	
Relinquished by:	Date:	Time:	
Received by:	Date:	Time:	
Relinquished by:	Date:	Time:	
Received by:	Date:	Time:	

Comments:

Laboratory Comments Only:

Seals Intact Upon Receipt ☐ Yes ☐ No ☒ N/A
Broken Containers ☐ Yes ☒ No
All Containers Labeled ☒ Yes ☐ No

Date Results Needed By:

☒ Routine ☐ Priority

RTI LABORATORIES, INC.

A DIVISION OF DETREX CORPORATION

REPORT OF ANALYTICAL SERVICES

TO: Atwell-Hicks
6303 26 Mile Rd.
Washington, MI 48094

Report Date: 08/18/98

Lab Number: 98-20278

Customer P.O. #:

Attn: Mao Huang

Customer #:

RTI Quote #:

PART / SAMPLE IDENTIFICATION:

Detroit Elevator Company - Project #MAO2011
2 Soil Samples

Received: 08/05/98 Tests Completed: 08/18/98 Reported: 08/18/98

WORK REQUESTED / PERFORMED:

Analysis: PCB

THE RESULTS OF ALL TESTS and/or ANALYSES REQUESTED ARE REPORTED ON THE PAGES WHICH FOLLOW.

Number of pages including this page 5.

APPROVED BY: REPORTED BY: AF

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RTI LABORATORIES, INC.
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CONFIDENTIAL REPORT OF EVALUATION

Submitted by : Mao Huang

Lab. No. : 98-2027B

Client : Atwell-Hicks
Washington, MI

Report Date : 08/18/98

Sample ID :

Detroit Elevator Company - Project #MA02011
2 Soil Samples

Object :

Analysis: PCB

Results and Discussion :

SAMPLE IDENTIFICATION	SAMPLE MATRIX
1 - GP96 2-4' 8/5/98	Soil
2 - GP97 2-4' 8/5/98	Soil

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RTI LABORATORIES, INC.
A DIVISION OF DETREX CORPORATION

CONFIDENTIAL REPORT OF EVALUATION

Submitted by: Mao Huang
Client: Atwell-Hicks
Object: Analysis: PCB

Report Date: 08/18/98
Lab. No. : 98-2027B

Sample ID: Detroit Elevator Company - GP96 2-4' 8/5/98

Parameter	MDL (ppm)	LOD-S (ppm)	Results (ppm)
PCB's (Method EPA 3550A, 3665, 3620A, 8080)			
Arochlor 1016	1.0	1.0	ND
Arochlor 1221	1.0	1.0	ND
Arochlor 1232	1.0	1.0	ND
Arochlor 1242	1.0	1.0	ND
Arochlor 1248	1.0	1.0	ND
Arochlor 1254	1.0	1.0	ND
Arochlor 1260	1.0	1.0	ND

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A DIVISION OF DETREX CORPORATION

CONFIDENTIAL REPORT OF EVALUATION

Submitted by: Mao Huang
Client: Atwell-Hicks
Object: Analysis: PCB

Report Date: 08/18/98
Lab. No. : 98-2027B

Sample ID: Detroit Elevator Company - GP97 2-4' 8/5/98

Parameter	MDL (ppm)	LOD-S (ppm)	Results (ppm)
PCB's (Method EPA 3550A, 3665, 3620A, 8080)			
Arochlor 1016	1.0	1.0	ND
Arochlor 1221	1.0	1.0	ND
Arochlor 1232	1.0	1.0	ND
Arochlor 1242	1.0	1.0	ND
Arochlor 1248	1.0	1.0	ND
Arochlor 1254	1.0	1.0	ND
Arochlor 1260	1.0	1.0	ND

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RTI LABORATORIES, INC.
A DIVISION OF DETREX CORPORATION

CONFIDENTIAL REPORT OF EVALUATION

Submitted by: Mao Huang
Client: Atwell-Hicks
Object: Analysis: PCB

Report Date: 08/18/98
Lab. No. : 98-2027B

QA/QC DATA

1. SURROGATE % RECOVERY

PCB (Method EPA 8080)

	Results(%)	
	1	2
TCMX--------	94	65

2. METHOD BLANKS (ORGANICS):

FILE ID	FRACTION	COMPOUND	RESULT
HPA48913	PCB	All Compounds	ND

SAMPLE PROCESSING DATA

	PCB
Date Extracted/Digested:-	08/14/98
Extracted/Digested by:---	AB2
Date Analyzed:----------	08/14/98
Analyzed by:----------	LK
File ID:----------	HPA48914-5
Batch #:----------	081498

ND = Not Detected or less than MDL
NA = Not Applicable or Not Analyzed
LOD-S = Limit of Detection for the reported sample(s)
MDL = Method Detection Limit or Contract Required Detection Limit.
Trip/Field Blank Submitted: No
Test Parameters Subcontracted: None
Results are reported in ppb unless otherwise specified.
Results are reported on a dryweight basis where appropriate.
Issuing of this report certifies that all cited method control criteria have been met unless otherwise indicated or qualified in the quality control section.

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RTI

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31628 Glendale Avenue • Livonia, MI 48150

(313) 422-8000
FAX (313) 422-5342

PO# _____
RTI Lab # 98-2027B (LAB ONLY)

Submitted By: _____ Report To: Mae Huang, Atwell Hicks, Washington Bill To: AHIW

Phone _____ Fax _____

Project Name: RTI 98-2027

Project # Detroit Elevator Phone _____ Fax _____ Phone _____ Fax _____

Special Instructions/Comments: New work samples in Lab. Per telephone with Ron

Sample I.D.	Date	Time	Grab	Composite	No. of Containers	Sample Type (Water, soil, air, sludge, etc.)	Preservation Y	Preservation N	Analysis Desired PCBs										Comments on Sample (Include Major Contaminants)
GP96-2-4'					1	Soil			X										
GP97-2-4'					1	Soil			X										

Collected by:	Date	Time
Relinquished by:	Date	Time
Received by: [signature]	Date 8-14-98	Time 2:35P
Relinquished by:	Date	Time
Received by:	Date	Time
Relinquished by:	Date	Time
Received by:	Date	Time
Relinquished by:	Date	Time
Received by:	Date	Time

Laboratory Comments Only:

Seals Intact Upon Receipt ☐ Yes ☐ No ☒ N/A
Broken Containers ☐ Yes ☒ No
All Containers Labeled ☒ Yes ☐ No

Date Results Needed By: 8-21-98

☒ Routine ☐ Priority

APPENDIX B

AKT Peerless' January 2007 Phase I ESA

PHASE I ENVIRONMENTAL SITE ASSESSMENT
1938 FRANKLIN STREET
DETROIT, MICHIGAN 48216

prepared for

DETROIT/WAYNE COUNTY PORT AUTHORITY
8109 EAST JEFFERSON AVENUE
DETROIT, MICHIGAN 48201

AKT PEERLESS PROJECT NO. 5324D-1-17
JANUARY 19, 2007

AKTPEERLESS
environmental services

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PHASE I ENVIRONMENTAL SITE ASSESSMENT

1938 FRANKLIN STREET
DETROIT, MICHIGAN 48216

AKT PEERLESS PROJECT NO. 5324D-1-17

1.0 INTRODUCTION

Detroit/Wayne County Port Authority (the Client and User) retained AKT Peerless Environmental Services (AKT Peerless) to conduct a Phase I Environmental Site Assessment (ESA) of 1938 Franklin Street in Detroit, Wayne County, Michigan (subject property). DWCPA was awarded United States Environmental Protection Agency (USEPA) Brownfield Assessment Grants to conduct environmental assessments of petroleum and hazardous substance sites. This Phase I ESA was conducted as part of the Petroleum Assessment Grant on behalf of DWCPA (the Client) and RDR Real Estate (the Developer).

This Phase I ESA was conducted in accordance with (1) the United States Environmental Protection Agency (USEPA) Standards and Practices for All Appropriate Inquiries [(AAI), 40 CFR Part 312] and (2) guidelines established by the American Society for Testing and Materials (ASTM) in the *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process / Designation E 1527-05* (ASTM Standard Practice E 1527-05).

1.1 PURPOSE

The purpose of this Phase I ESA was to evaluate the current and historical conditions of the subject property in an effort to identify *recognized environmental conditions* (RECs)[1] and *historical recognized environmental conditions* (HRECs)[2] in connection with the subject property. Moreover, certain users of this Phase I ESA may be able to satisfy one of the environmental due diligence requirements to qualify for the bona fide prospective purchaser, contiguous landowner, or innocent landowner liability protections available under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980, the Superfund Amendments and Reauthorization Act (SARA) of 1986, and the Small Business Liability and Brownfield Revitalization Act (Brownfield Amendments) of 2002. This Phase I ESA is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs and HRECs in connection with the subject property.

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[1] ASTM's Standard Practice E 1527-05 defines the term recognized environmental condition (REC) as the presence or likely presence of any hazardous substance or petroleum product on a property under conditions that indicate (1) an existing release, (2) a past release, or (3) a material threat of a release of a hazardous substance or petroleum product into structures on the subject property or into the ground, groundwater, or surface water of the subject property.

[2] ASTM defines the term historical recognized environmental condition (HREC) as an environmental condition which in the past would have been considered an REC, but which may or may not be considered an REC currently. Neither HRECs nor RECs are intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

1.2 SCOPE OF SERVICES

AKT Peerless' scope-of-services is based on its proposal PD-7582, dated December 13, 2006, and the terms and conditions of that agreement. This Phase I ESA included the following:

- an inquiry of environmental conditions by an environmental professional.
- a review of specialized knowledge reported by the Client.
- a review of public and historical records, including those maintained by federal, state, tribal, and local government agencies.
- interviews with regulatory officials and personnel associated or knowledgeable with the subject property, including as appropriate past and present owners, or neighbors if the property is abandoned.
- a reconnaissance of the subject property and adjoining properties.

1.3 PROJECT RESOURCES

AKT Peerless referred to the following resources between December 18, 2006 and January 19, 2007 to complete its ESA:

- United States Environmental Protection Agency (USEPA), Region 5
- United States Geological Survey (USGS)
- United States Department of Agriculture (USDA) Soil Conservation Service
- Michigan Department of Environmental Quality (MDEQ)
- Wayne County Environmental Health Department
- Detroit Government Sources (e.g., assessing, building, fire, health, engineering departments)
- Environmental Data Resources, Inc. (EDR)
- Southeast Michigan Council of Governments (SEMCOG)
- www.experienceeverthingautomotive.org
- Interviews and Questionnaire Responses

1.4 SIGNIFICANT ASSUMPTIONS

During this Phase I ESA, AKT Peerless made the following significant assumptions:

- AKT Peerless assumed that the information provided by EDR in the regulatory database report is an accurate and complete representative summary of the information contained in the referenced regulatory agency records, except when such information is obviously contradicted by other data.
- AKT Peerless assumed that the information used to prepare this assessment that was obtained from ostensibly knowledgeable individuals, regulatory agency representatives, or other secondary sources was an accurate and complete representative summary of the information possessed by those individuals, representatives, or sources.

1.5 LIMITATIONS AND EXCEPTIONS

A list of general limitations and exceptions typically encountered when completing Phase I ESAs is provided in Appendix A. Along with the inherent limitations set forth in various sections of ASTM Standard Practice E 1527-05 and the USEPA All Appropriate Inquiry Standard, the accuracy and completeness of this report may also be limited by the following project specific facts or conditions:

- AKT Peerless' review of readily available standard and other historical sources provided only limited information regarding utilities associated with the former residential and commercial buildings present on the property in the late 1800s; and the existing industrial building present on the subject property since 1907. This gap in historical information is considered *data failure* as provided in Section 7.3.2.3 of the ASTM Standard Practice For ESAs (E 1527).
- Visual observations of the subject building's interior were limited by the absence of electric lighting. Exterior observations were limited by the presence of dense vegetation in the alley south of and parking area west of the subject building.
- AKT Peerless was not provided access to the roof of the subject building.
- AKT Peerless submitted a second request for information to the MDEQ WHMD based on the names of previous occupants and historical addresses associated with the subject property. At the completion of this ESA, the MDEQ-WHMD has not responded to this second request. Any information provided by the MDEQ-WHMD that changes the conclusions or recommendations stated in this report will be forwarded immediately as an addendum.
- AKT Peerless contacted the MDEQ-RRD Southeast Michigan District Office to review available records regarding environmental information or leaking USTs associated with the subject property. At the completion of this ESA, the MDEQ-RRD has not responded to the request. Any information provided by the MDEQ-RRD that changes the conclusions or recommendations stated in this report will be forwarded immediately as an addendum.
- AKT Peerless contacted the Detroit Health Department to inquire about file information pertaining to environmental concerns associated with the subject property. At the completion of this ESA, the Detroit Health Department has not responded to the request. Any information provided by the Detroit Health Department that changes the conclusions or recommendations stated in this report will be forwarded immediately as an addendum.

Subject to the general limitations and exceptions listed in Appendix A and the referenced terms and conditions, AKT Peerless accepts responsibility for the competent performance of its duties in executing this assignment and preparing this report in accordance with the normal standards of the profession, but disclaims any responsibility for consequential damages.

Should additional information become available to the Client that differs significantly from our understanding of conditions presented in this report, AKT Peerless requests that such information be forwarded immediately to our attention so that we may reassess the conclusions provided herein and amend this project's scope of services as necessary and appropriate.

1.6 SPECIAL TERMS AND CONDITIONS

To the best of AKT Peerless' knowledge, no special terms or conditions apply to the preparation of this Phase I ESA.

1.7 USER RELIANCE

AKT Peerless performed this Phase I ESA for the benefit of the Detroit/Wayne County Port Authority and RDR Real Estate. AKT Peerless acknowledges that these parties may rely on the contents and conclusions presented in this report. Unless stated otherwise in writing, AKT Peerless makes no other warranty, representation, or extension of reliance upon the findings of this report to any other entity or third party.

2.0 USER AND/OR CLIENT PROVIDED INFORMATION

AKT Peerless submitted a questionnaire to the Developer (User) requesting information about the subject property and this Phase I ESA. Mr. Doug Browne completed the questionnaire on behalf of the Developer (User). The following subsections summarize the information Mr. Browne provided to AKT Peerless.

2.1 TITLE RECORDS

The Developer provided AKT Peerless with a copy of the land title policy, but did not provide other recorded land title records to AKT Peerless.

2.2 ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS

The Developer did not report any: (1) environmental cleanup liens against the subject property that are filed or recorded under federal, tribal, state, or local law; or (2) activity and use limitations (AULs), such as engineering controls, land use restrictions or institutional controls, that are in place at the subject property and/or have been filed or recorded in a registry under federal, tribal, state, or local law.

2.3 KNOWLEDGE OF THE USER

The Developer did not report specialized knowledge or experience, actual knowledge, or commonly known or reasonable ascertainable information that is material to identifying recognized environmental conditions in connection with the subject property, except for the Developer's personal knowledge regarding the historical use of the subject property as an as a automobile manufacturing plant (Studebaker or Packard) and elevator manufacturing company. In addition, the Developer understands that hydraulic elevators are present in the subject building. The Developer provided AKT Peerless with the following report which documents previous environmental investigation of the subject property:

- Oversight and Sampling Summary Letter, prepared in August 1998 by Atwell-Hicks on behalf of Cox, Hodgman & Giarmarco.

The contents of this previous environmental report is summarized and discussed in Section 4.4.5.

2.4 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

The Developer did not report knowledge of, or reason to anticipate, a reduction in the value of the subject property for environmental issues.

2.5 REASON FOR PERFORMING THIS PHASE I ESA

According to the Developer, this Phase I ESA was conducted as part of environmental due diligence related to RDR Real Estate's purchase and redevelopment of the subject property. AKT Peerless understands that RDR Real Estate plans to renovate the subject building as a multi-tenant residential structure.

3.0 SUBJECT PROPERTY DESCRIPTION

3.1 LOCATION AND LEGAL DESCRIPTION

The subject property is located at 1938 Franklin Street in the City of Detroit, Wayne County, Michigan. The subject property is situated on the southern side of Franklin Street between Orleans and St. Aubin Avenue. It consists of square-shaped parcel that contains approximately 0.6-acres. The Detroit Elevator Company is the current owner of the subject property. The subject property's parcel identification number is 09/000031-2. Mr. Tony Morrison of the Detroit Elevator Company is the current manager of the subject property. The subject property is unoccupied.

Refer to Figure 1, Subject Property Location Map; Figure 2, Topographic Location Map; Figure 3, Parcel Map; and Figure 4, Subject Property Map. The legal description of the subject property is presented in Appendix B. Photographs taken during AKT Peerless' subject property reconnaissance are provided in Appendix C.

3.2 SUBJECT PROPERTY AND VICINITY CHARACTERISTICS

The subject property is currently developed with a vacant, former light industrial building, and is located in an area of Detroit that is characterized by vacant, commercial, and/or light industrial properties; the Detroit River; railroad tracks; and surface roadways.

3.3 DESCRIPTION OF STRUCTURES AND OTHER IMPROVEMENTS

General information regarding the on-site building (the subject building) is presented in the following table:

General Construction	Interior Finish:	Square Ft.	Construction and Other Improvement Dates
1-story (with partial second floor); brick and steel mill construction with wood and steel supports; slab-on-grade concrete foundation; no	concrete, brick, wood floor (second floor), paint, metal, glass, etc.	~ 17,400	constructed in 1907

General Construction	Interior Finish:	Square Ft.	Construction and Other Improvement Dates
basement			

The exterior of the subject property is improved with paved walkways. An unimproved parking lot is located south of the subject building.

3.4 CURRENT USE OF THE SUBJECT PROPERTY

The subject property currently contains a vacant, light industrial building, which is not used for any significant or obvious purpose.

3.5 UTILITIES AND MUNICIPAL SERVICES

AKT Peerless identified the type and supplier of utilities provided to the subject property. These services are described in the following table:

Utility / Service	Type	Utility Company or Municipality	Comments/Historical Services
heat	natural gas	DTE Energy	historical use of steam heat; original natural gas connection date not determined
municipal waste	general refuse	City of Detroit	solid waste is not generated at the subject property
potable water	municipal	City of Detroit	municipal drinking water has been provided since at least 1884
electricity	electric lines	DTE Energy	none identified
sewage disposal	municipal	City of Detroit	municipal sewage utilities have been provided since at least 1884

Additional information regarding the referenced heat, water, and sewage utilities is presented in Section 4.4.

3.6 CURRENT USES OF THE ADJOINING PROPERTIES

The following table describes the current uses of the adjoining properties, identified occupants, and noteworthy observations of environmental concern, if any, that were noted during AKT Peerless' recent reconnaissance of the adjoining properties.

Direction	Address	Current Use / Occupant	Potential Concerns
north	2000 Woodbridge Street	light industrial building / vacant	none observed
east	1974 Franklin Street	light industrial building / vacant	none observed
southeast	not applicable	vacant lot / none	none observed

Direction	Address	Current Use / Occupant	Potential Concerns
south	not applicable	vacant lot / none	none observed
southwest	not applicable	vacant lot / none	none observed
west	not applicable	vacant lot / none	none observed
northwest	1900 Woodbridge Street	light industrial building / vacant	none observed

Based on AKT Peerless' visual observations, the current uses of the adjoining properties do not appear to pose a direct environmental threat to the subject property.

4.0 RECORDS REVIEW

The objective of the records review is to evaluate reasonably ascertainable databases, historical records, and physical setting records to help identify recognized environmental conditions at the subject property and, to the extent identifiable, at surrounding properties.

4.1 PHYSICAL SETTING SOURCES

AKT Peerless reviewed geological survey maps for geologic, hydrologic, and topographic conditions that may affect potential contaminant migration to the subject property.

4.1.1 Topography and Area Hydrogeology

According to the USGS' *Topographic Map of the Detroit, Michigan Quadrangle*, which was published in 1968 and was photorevised in 1973 and 1980, the subject property is situated approximately 590 feet above the National Geodetic Vertical Datum (NGVD). The subject property's topography appears to decline gently to the south.

AKT Peerless did not obtain or review reports that document actual groundwater conditions at or adjacent to the subject property. Therefore, AKT Peerless was unable to (1) identify the depth to shallow groundwater beneath the subject property, or (2) determine the groundwater flow direction beneath the subject property.

Typically, the water table aquifer flows toward a major drainage feature or in the same direction as the drainage basin. The Detroit River, which flows southwest, is located approximately 1,000 feet south of the subject property. Therefore, AKT Peerless infers that groundwater beneath the subject property flows to the south, with potential influence from the Detroit River.

The Detroit River is located approximately 1,000 feet south of the subject property. Otherwise, AKT Peerless' research did not identify any known groundwater recharge area on or near the subject property, or any groundwater supply on the subject property. Groundwater from the area of the subject property does not serve as the primary drinking water source for properties in Detroit, which obtains its municipal water from the Detroit Water & Sewerage Department (DWSD). Public sources of information do not identify main aquifers below the subject property.

4.1.2 Area Geology and Soil

According to the MDNR Geological Survey Division's *Bedrock Geology of Southern Michigan* (1987), bedrock beneath the subject property is classified as Bedford Shale of an unassigned series within the Devonian System of the Paleozoic Era. The depth to bedrock beneath the subject property was not readily available prior to the completion of this Phase I ESA.

According to the Michigan Geological Survey Division's publication, *Quaternary Geology of Southern Michigan*, soil in the area is lacustrine clay and silt. This soil is described as gray to dark reddish brown and is varved in some localities. The soil chiefly underlies extensive, flat, low-lying areas formerly inundated by glacial Great Lakes. Soil thickness ranges from 10 to 30 feet. Typically, lacustrine clay and silt are associated with low hydraulic permeability and restrict the movement of groundwater.

According to the United States Department of Agriculture, *Soil Survey of Wayne County, Michigan,* the soil in the area is classified as the Pewamo-Blount-Metamora association. This soil is described as "*nearly level to gently sloping, poorly drained to somewhat poorly drained soils that have a fine-textured to moderately fine-textured subsoil.*"

AKT Peerless did not obtain other information about subsurface soil beneath the subject property during this Phase I ESA, except as described in the Phase II subsurface investigations conducted by Atwell-Hicks in 1998 (refer to Section 4.4.5). According to Atwell-Hicks, soil encountered beneath the subject property consisted of fill material over native clay. The fill material consisted of silty/clayey sand from ground surface to approximately six to eight feet below ground surface. The native brown, dense and dry clay was encountered from these depths to at least 12 feet below ground surface, the maximum depth explored.

4.2 STANDARD ENVIRONMENTAL RECORD SOURCES

AKT Peerless retained EDR to provide current environmental database information compiled by a variety of federal and state regulatory agencies. The purpose of obtaining this data was to evaluate potential environmental risks associated with the subject property, adjoining sites, and other sites that are (1) identified on target lists, and (2) within varying distances of up to one mile from the subject property. AKT Peerless reviewed the following federal and state databases for such listings within the indicated search radii.

Type	Regulatory Agency Database	Approximate Minimum Search Distance
Federal	National Priority List (NPL)	1 mile
Federal	De-listed National Priority List (DNPL)	½ mile
Federal	Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS)	½ mile
Federal	CERCLIS No Further Remediation Action Planned (NFRAP) Site List	½ mile
Federal	Resource Conservation and Recovery Act (RCRA) Corrective Action Report (CORRACTS) Facilities List	1 mile

Type	Regulatory Agency Database	Approximate Minimum Search Distance
Federal	RCRA non-CORRACTS Treatment, Storage or Disposal (TSD) Facilities List	½ mile
Federal	RCRA Generators List	subject property and adjoining properties
Federal	Institutional Control / Engineering Control Registries*	subject property
Federal	Environmental Response and Notification System (ERNS)	subject property
State & Tribal	Hazardous Waste Sites (HWS) (equivalents to NPL and CERCLIS)	1 mile
State & Tribal	Solid Waste Facilities/Landfill Sites (SWLF)	½ mile
State & Tribal	Historical Landfill Site (HIST LF)	½ mile
State & Tribal	Leaking Underground Storage Tank (LUST) List	½ mile
State & Tribal	Registered Underground Storage Tank (UST) List	subject property and adjoining properties
State & Tribal	Institutional Control / Engineering Control Registries*	subject property
State & Tribal	Brownfield Sites	½ mile
State	Baseline Environmental Assessment (BEA) Sites	½ mile
Either	Unmappable Database Listings (a.k.a. Orphan Sites)	database-dependent

* Neither the US EPA nor Michigan Tribal Governments nor the State of Michigan maintains registries of sites with Institutional Controls / Engineering Controls in the subject property area.

4.2.1 Subject Property and Occupant Listings

The EDR Report (Appendix D) does not identify the subject property or its known occupants on the referenced databases.

4.2.2 Adjoining and Nearby Sites

AKT Peerless' review of the referenced databases (including those on the orphan list) also considered the potential or likelihood of contamination from adjoining and nearby sites. To evaluate which of the adjoining and nearby sites identified in the EDR Report present an environmental risk to the subject property, AKT Peerless considered the following criteria:

- the type of database on which the site is identified.
- the topographic position of the identified site relative to the subject property.
- the direction and distance of the identified site from the subject property.
- local soil conditions in the subject property area.
- the known or inferred groundwater flow direction in the subject property area.

- the status of the respective regulatory agency-required investigation(s) of the identified site, if any.
- surface and subsurface obstructions and diversions (e.g., buildings, roads, sewer systems, utility service lines, rivers, lakes, and ditches) located between the identified site and the subject property.

Only those sites that are judged to present a potential environmental risk to the subject property are further evaluated by reviewing MDEQ file information. Using the referenced criteria, and based upon a review of readily available information contained within the EDR Report, AKT Peerless did not identify adjoining (i.e., bordering) or nearby sites (e.g., properties within a ¼-mile radius) listed in the EDR Report that were judged to present a potential environmental risk to the subject property, except for the following:

Database			
Database(s):	**RCRA-SQG**	**Distance:**	adjoining
Name:	The Technicom Group (currently vacant)	**Direction:**	north
Address:	1940 Woodbridge	**Elevation:**	595 feet
Section References:	Refer to Sections 4.5 and 7.0 for further information.	**Known/Inferred Groundwater Flow Direction:**	south
The Technicom Group is classified as a small quantity generator (SQG), has not reported TSD Activities, and has no reported RCRA violations. Based on this information, the fact that this former occupant was identified on the RCRA-SQG does not present an environmental concern to the subject property. However, as discussed in Section 4.5, this does not necessarily eliminate the historical use of this property as an environmental concern to the subject property.			

Database			
Database(s):	**BEA**	**Distance:**	adjoining
Name:	Not reported	**Direction:**	south
Address:	240 Orleans 1939, 1990, and 1999 Guion	**Elevation:**	585 feet
Section References:	Refer to Sections 4.5 and 7.0 for further information.	**Known/Inferred Groundwater Flow Direction:**	south
According to the EDR Report, a Category "N" BEA was completed for this property on behalf of Economic Development Corp, and was disclosed to MDEQ on October 15, 2001. A Section 20107a Compliance Analysis determination was not requested by the submitter. Based on this information, the fact that this occupant was identified on the BEA database does not present an environmental concern to the subject property. However, as discussed in Section 4.5, this does not necessarily eliminate the historical use of this property as an environmental concern to the subject property.			

Database			
Database(s):	LUST	**Distance:**	adjoining
Name:	Former Michigan Steel Casting	**Direction:**	south
Address:	1971 Guion	**Elevation:**	585 feet
Section References:	Refer to Sections 4.5 and 7.0 for further information.	**Known/Inferred Groundwater Flow Direction:**	south

According to the EDR Report, one 1,000-gallon gasoline UST was removed from this site in September 1998. The UST was constructed of asphalt-coated or bare steel with bare steel piping material. The installation date for this UST was not reported. A confirmed release (Leak No. C-0820-98) from the UST was reported to MDEQ in September 1998. The release was likely discovered during removal of the UST. The LUST investigation associated with this release was "closed" in January 1999.

Based on the information presented above and the proximity to the subject property, this adjoining property may present an environmental concern to the subject property.

Database			
Database(s):	BEA LUST	**Distance:**	300 feet
Name:	Globe Trade Building Property	**Direction:**	southwest
Address:	1801 East Atwater Street	**Elevation:**	585 feet
Section References:	Refer to Sections 4.5 and 7.0 for further information.	**Known/Inferred Groundwater Flow Direction:**	south

According to the EDR Report, a Category "N" BEA was completed for this property on behalf of Globe Associates, LLC. The BEA was submitted to MDEQ under petition for determination on February 3, 1998. A Section 20107a Compliance Analysis determination was also requested by the submitter, and is listed as pending.

A second Category "N" BEA was completed for this property on behalf of the City of Detroit. This BEA was disclosed to MDEQ on December 17, 2001. A Section 20107a Compliance Analysis determination was not requested by the submitter.

A confirmed release (Leak No. C-0107-98) from a UST was reported to MDEQ in January 1990. The LUST investigation associated with this release remains "open". It is likely that the confirmed release was filed by the MDEQ based on a review of the February 1998 BEA.

In AKT Peerless' opinion, this nearby property does not appear to present an environmental concern to the subject property. AKT Peerless' opinion is based on (1) the distance from the subject property and (2) the inferred groundwater flow direction (away from the subject property).

4.3 ENVIRONMENTAL RECORD SOURCES

4.3.1 MDEQ Waste and Hazardous Material Division (WHMD) Records

AKT Peerless contacted the MDEQ WHMD to review available records regarding waste management activities, permits, inspections, violations, and registered USTs associated with the subject property. According to correspondence received from MDEQ, no file information is maintained pertaining to the subject property.

AKT Peerless submitted a second requested for information to the MDEQ WHMD based on the names of previous occupants and historical addresses associated with the subject property. At the completion of this ESA, the MDEQ-WHMD has not responded to this second request. Any information provided by the MDEQ-WHMD that changes the conclusions or recommendations

stated in this report will be forwarded immediately as an addendum.

4.3.2 MDEQ Remediation and Redevelopment Division (RRD) Records

AKT Peerless contacted the RRD's Cost Recovery Unit (CRU) in Lansing, Michigan to determine if environmental cleanup liens had been filed against the subject property. According to information provided by Ms. Jackie Barnett of the CRU, the MDEQ does not have record of environmental cleanup liens filed against the subject property.

AKT Peerless contacted the MDEQ-RRD Southeast Michigan District Office to review available records regarding environmental information or leaking USTs associated with the subject property. At the completion of this ESA, the MDEQ-RRD has not responded to the request. Any information provided by the MDEQ-RRD that changes the conclusions or recommendations stated in this report will be forwarded immediately as an addendum.

4.4 ADDITIONAL ENVIRONMENTAL RECORD SOURCES

4.4.1 Local Health Department

The Wayne County Health Department indicated that they do not have records pertaining to the subject property. In addition, AKT Peerless contacted the Detroit Health Department to inquire about file information pertaining to environmental concerns associated with the subject property. At the completion of this ESA, the Detroit Health Department has not responded to the request. Any information provided by the Detroit Health Department that changes the conclusions or recommendations stated in this report will be forwarded immediately as an addendum.

4.4.2 Local Fire Department

The Detroit Fire Department records for the subject property indicate that containers of paint, mineral spirits, paint thinner, hydraulic oil, and varnish were identified within the subject building during inspections conducted between 1989 and 1998. The containers ranged in size from less than one gallon to 55-gallon drums.

In addition, a fire department data slip indicated that a 1,000-gallon UST used to store Class I Liquid was identified in a corner of the subject building in December 1926. The UST is depicted as 6.5-feet in diameter and 6-feet in length, and the fill and vent pipes could not be located. AKT Peerless was unable to determine the specific location of the UST based on these fire department records.

4.4.3 Water & Sewage Utility Provider

AKT Peerless referenced Sanborn Fire Insurance Maps and the City of Detroit Building and Safety Engineering Department for information pertaining to water services for the subject property. Sanborn maps indicate that municipal water service has been available to the subject property since at least 1884. Based on historical information, it is not likely that the subject property would have utilized a septic system.

4.4.4 Natural Gas Provider

DTE Energy currently provides natural gas service to the subject property. DTE Energy has informed AKT Peerless that it will process original connection date requests only in response to a subpoena or government inquiry.

AKT Peerless' review of readily available standard and other historical sources provided only limited information regarding utilities associated with the former residential and commercial buildings present on the property in the late 1800s; and the existing industrial building present on the subject property since 1907. This gap in historical information is considered *data failure* as provided in Section 7.3.2.3 of the ASTM Standard Practice For ESAs (E 1527).

4.4.5 Previous Environmental Reports

RDR Real Estate provided AKT Peerless with a copy of the following report, which documents a previous environmental investigation of the subject property.

- Oversight and Sampling Summary Letter, prepared in August 1998 by Atwell-Hicks on behalf of Cox, Hodgman & Giarmarco.

In August 1998, Atwell-Hicks completed a subsurface investigation of the subject property on behalf of Cox, Hogman & Giarmarco. AKT Peerless understands that the purpose of this investigation was to provide a limited evaluation of subsurface conditions subsequent to the owner's sale of the subject property. During the investigation, Atwell-Hicks (1) conducted a geophysical survey of the parking lot area, (2) drilled two soil borings in the parking lot, (3) collected two soil samples [GP96 (2-4) and GP97 (2-4)], and (4) submitted soil samples for laboratory analyses. The soil samples were submitted for laboratory analyses of volatile organic compounds (VOCs); semi-VOCs; polychlorinated biphenyls (PCBs); Michigan metals (arsenic, barium, cadmium, chromium, copper, lead, mercury, selenium, silver, and zinc); and total cyanide.

According to Atwell-Hicks, a geophysical survey of the parking lot area indicated that no anomalies consistent with USTs were detected in this area. However, AKT Peerless was not provided with a copy of the geophysical report, and therefore can make no specific conclusions regarding these reported results.

Analytical results indicated that VOCs, PCBs, and total cyanide were not detected above laboratory method detection limits. Six PNAs (anthracene, benzo(k)flouoranthene, chrysene, fluoranthene, phenanthrene, and pyrene) were detected in both soil samples, but were below MDEQ Part 201 Cleanup Criteria. Lead and arsenic were detected above MDEQ Part 201 Residential Soil Direct Contact Criteria. Selenium was detected above MDEQ Part 201 Groundwater to Surface Water Interface (GSI) Protection Criteria. Since a site map depicting the location of these soil borings was not provided, AKT Peerless can not make any specific conclusions regarding the results of Atwell-Hicks investigation. However, it appears that the subject property meets the definition of a "facility" ", as defined in Part 201 of Natural Resources and Environmental Protection Act (NREPA), Michigan Public Act (PA) 451, as amended. Refer to Appendix G for a copy of Atwell-Hicks August 1998 Investigation Report.

AKT Peerless was not provided with copies of other reports that document previous investigations or assessments of the subject property, nor did AKT Peerless identify the existence of such documents during this assessment.

4.5 HISTORICAL USE INFORMATION

The objective of reviewing historical sources is to: (1) develop a history of previous uses or specific occupancies of the subject property, (2) identify those uses or specific occupancies that are likely to have led to potential environmental concerns at the subject property, and to the extent identifiable, at adjoining properties, and (3) identify obvious uses of the subject property from the present, back to the property's *obvious* first developed use, or back to 1940, whichever is earlier.

Historical Summary – Subject Property

The following table summarizes the general development and use of the subject property, as identified by AKT Peerless:

Time Period	Improvements	Use	Owner / Occupant	Data Source(s)
1884 – 1897	residential structures	residential	not determined	Sanborn maps
~1907 – 1910	residential house and store light industrial building	residential and retail manufacturer of steel bathtubs	Pressed Steel Sanitary Mfg. Co.	Internet website
1910	residential house and store light industrial building	residential and retail stamping mill	EMF Automotive Co.	Internet website
1911-1916	residential house and store light industrial building	residential and retail stamping mill	Studebaker Plant #5	Internet website Interviews
~1916-1930s	residential house and store light industrial building with associated outbuilding and parking area	residential and retail machine and tool shop with office (first floor) and automobile body storage (partial second floor)	F. Joseph Lamb Company	Internet website Sanborn maps municipal records aerial photographs city directories interviews
~1930s-1950s	residential house and store have been demolished light industrial building with associated outbuilding and parking area	conveyor system manufacturing company	General Conveyors Corp.	Sanborn map municipal records aerial photographs city directories interviews
~1950s-2001	the outbuilding was demolished during this time period light industrial building and parking area	elevator car manufacturing company	Detroit Elevator Company	Sanborn map municipal records aerial photographs city directories interviews

Time Period	Improvements	Use	Owner / Occupant	Data Source(s)
~2001-present	light industrial building and parking area	none (vacant)	Detroit Elevator Company	Sanborn map municipal records aerial photographs city directories interviews reconnaissance

As indicated in the table above, according to www.experienceeverythingautomotive.com, the subject building was constructed in 1907. The building was originally occupied by the Pressed Steel Sanitary Manufacturing Company, a manufacturer of steel bathtubs. In 1910, the EMF Automotive Company began operating a stamping mill at the subject property. One year later, the Studebaker Company purchased EMF and continued steel stamping operations at the building (Studebaker Plant #5). In 1916, the stamping plant was sold – presumably to the F. Joseph Lamb Company.

Historical Summary – Adjoining Properties

North
The northern adjoining property, beyond Franklin Street, contained single-family residential houses from at least 1884 until a steel storage warehouse was constructed between 1922 and 1945. Currently, the northern adjoining property contains a vacant, light industrial building.

East
The eastern adjoining property contained a single-family residential house from at least 1884 until the existing light industrial building was constructed between 1897 and 1922. Previous occupants of this adjoining property have included Mueth Iron Works and Aluminum & Architectural Metals. Currently, the eastern adjoining property contains a vacant, light industrial building.

Southeast
The southeastern adjoining property, beyond the public alley, contained single-family residential houses from at least 1884 until the homes were demolished and a scrap metal storage yard was constructed between 1897 and 1922. Between 1922 and 1950 this adjoining property was further developed with a light industrial building, which was demolished between 2000 and 2006. Previous occupants of this adjoining property have included Michigan Steel Castings Co. and Michigan Standard Alloy Casting. Currently, the southeastern adjoining property consists of vacant land.

South
The southern adjoining property, beyond the public alley, contained a coal storage yard from at least 1884 until an industrial building was constructed between 1922 and 1949. This industrial building was demolished between 1977 and 1980. Previous occupants of this adjoining property have included Hurley Coal Yard, Michigan Steel Castings, and Michigan Standard Alloy Casting. Currently, the southern adjoining property consists of vacant land.

Southwestern
The southwestern adjoining property, beyond the public alley, contained single-family residential houses from at least 1884 until a pattern storage and wagon shed were constructed between 1884 and 1897. Between 1922 and 1950 this adjoining property was further developed with an industrial building, which was demolished between 1985 and 1990. Previous occupants of this adjoining property have included Detroit Dry Dock and Engine Works and Central Iron Foundry. Currently, the southwestern adjoining property consists of vacant land.

West
The western adjoining property contained single-family residential houses and a store from at least 1884 until a soap manufacturing building was constructed between 1897 and 1922. These buildings were demolished, and a steel storage yard was constructed between 1922 and 1949. Identified previous occupants of this adjoining property included National Soap Works Co. Currently, the western adjoining property consists of vacant land.

Northwestern
The northwestern adjoining property, beyond Franklin Street, contained single-family residential houses from at least 1884 until a warehouse building was constructed between 1922 and 1950. Previous occupants of this adjoining property have included Jefferson Terminal Warehouse Co. – Grocery Warehouse, The Technicom Group, and Detroit Marketing & Distributing, Inc. Currently, the northwestern adjoining property contains a vacant, light industrial building.

4.5.1 Aerial Photographs

AKT Peerless obtained aerial photographs for the subject property from Southeast Michigan Council of Governments (SEMCOG). AKT Peerless' observations noted during the review of these photographs are summarized in the following table. A photocopy of a recent aerial photograph is presented in Appendix E.

Photograph Dates	Observations (Subject Property)	Potential Environmental Concerns
1949, 1952, 1956, 1961, 1966, 1970, 1975	The subject property contains the existing light industrial building. What appears to be a small outbuilding is evident in the southern portion of the parking lot west of the subject building.	Industrial activities
1980, 1985, 1990, 1995, 2000	The small outbuilding is no longer present in the parking lot area west of the subject building.	Industrial activities

AKT Peerless' review of historical aerial photographs of the adjoining properties is summarized in the following table:

Photograph Dates	Potential Environmental Concerns (Adjoining Properties)
1949, 1952, 1956, 1961, 1966, 1970, 1975, 1980,	No obvious evidence or indications of recognized environmental conditions or other potential environmental concerns were noted with respect to the adjoining properties during AKT Peerless' review of the referenced aerial photographs, aside from the fact that the adjoining properties appear to have been developed with light industrial/manufacturing buildings since at

1985, 1990, 1995, 2000	least 1949.

4.5.2 Fire Insurance Maps

AKT Peerless obtained fire insurance maps for the subject property from EDR and the City of Detroit Public Library. AKT Peerless' observations noted during the review of these maps are summarized in the following table. Photocopies of the referenced maps are presented in Appendix F.

Map Dates	Observations (Subject Property)	Potential Environmental Concerns
1884	The eastern portion of the subject property does not contain any structures. The western portion of the subject property contains residential dwellings and associated outbuildings (one of which is labeled "out house").	None identified
1897	A residential dwelling has been constructed on the eastern portion of the subject property.	None identified
1922	The western portion of the subject property contains a residential dwelling and store. The residential dwelling has been demolished from the eastern portion of the subject property. The existing light industrial building has been constructed in this area. The building is occupied by F. Joseph Lamb Co. (a machine and tool shop). The second floor of the building is used to store automobile bodies. An office is located in the northwestern corner of the building.	Industrial activities
1950, 1953, 1957, 1961, 1977, 1988, 1991	The residential dwelling and store have been demolished from the western portion of the subject property, and this area is depicted as vacant. The Detroit Elevator Company (a factory) occupies the subject building.	Manufacturing activities

AKT Peerless' review of historical fire insurance maps of the adjoining properties is summarized in the following table.

Map Dates	Potential Environmental Concerns (Adjoining Properties)
1884, 1897, 1922, 1950, 1953, 1957, 1961, 1977, 1988, 1991	No obvious evidence or indications of recognized environmental conditions or other potential environmental concerns were noted with respect to the adjoining properties during AKT Peerless' review of the referenced maps, except for industrial activities (i.e., coal yard, steel fabricating, scrap metal storage, metal foundry, machine shop, and a soap manufacturer) on the northern, eastern, southern, and western adjoining properties beginning in the late 1800s and early 1900s.

4.5.3 City Directories

AKT Peerless retained EDR to provide reviewed city directories for addresses pertaining to the subject and adjoining properties from various years between 1885 and 2006. The purpose of this review was to determine the past occupancy of the subject property. Information obtained from the reviewed directories is summarized in the following table:

Dates	Subject Property Occupants (1938 Franklin Street)
1885 through 1919	Address Not Listed
1924	Joseph F. Lamb Co. (tools mfrs.)
1930	Vacant
1936, 1939	General Conveyors Corp.
1954	Street Not Listed
1964 through 1977	Detroit Elevator Co.
1982 through 1987	Detroit Elevator Co. and Inserts, Inc.
1992	Detroit Elevator Co.
1996 through 2006	Address Not Listed

An address that is not listed typically indicates that (1) the property was vacant at that time, (2) a potential building was unoccupied at that time, (3) a previously existing address was different than the current address, (4) the building was not represented in the directory because of a "lag time" between building the structure and compiling the list, or (5) occupant information was not available for inclusion into the directory.

AKT Peerless also reviewed city directories for select adjoining properties to determine their past occupancy. No obvious environmental concerns associated with historical occupants of the adjoining properties were noted, except for the following:

Date	Adjoining Property Address / Direction	Historical Occupant of Concern
1936	1974 Franklin Street / eastern	Mueth Iron Works and Aluminum & Architectural Metals Corp.
1939-1968	1974 Franklin Street / eastern	Aluminum & Architectural Metals Corp.
1968-1987	2000 Woodbridge Street / northern	Aluminum & Architectural Metals Corp.
1992	2000 Woodbridge Street / northern	Aluminum & Architectural Metals Corp. and Global Aluminum
1996	2000 Woodbridge Street / northern	Aluminum & Architectural Metals Corp., Global Aluminum, and Business Serv. Plus

4.5.4 Assessing Department Records

AKT Peerless reviewed tax assessment records on the subject property at the Detroit Assessing Department. The following table summarizes features or items of potential environmental concern, if any, that were noted during the record review.

Environmental Issue	Comments
Storage Tanks	none identified
Asbestos-Containing Materials	none identified
PCB Materials	none identified
On-site Well/Septic System	none identified
Disposal Facilities/Fill Material (e.g., lagoons, pits, landfills, etc.)	none identified

No additional information that could indicate potential environmental concerns at the subject property was found in the records. Copies of information obtained from the Detroit Assessing Department are included in Appendix F.

4.5.5 Building Department Records

AKT Peerless reviewed building records for the subject property at the Detroit Building Department. Building file information was limited to permit to install steel stairs and a new entrance at a brick factory on the subject property, dated August 1929. Otherwise, AKT Peerless' review did not identify potential environmental concerns associated with the subject property.

5.0 INTERVIEWS

AKT Peerless provided questionnaires to the subject property owner and key site manager, and as available, conducted interviews.

5.1 INTERVIEW WITH SUBJECT PROPERTY OWNER

AKT Peerless interviewed Mr. Don Purdie of Detroit Elevator Company to gain an understanding of his knowledge of the subject property. According to Mr. Purdie, he has little knowledge regarding the use of the subject building. Although Mr. Purdie worked from the building, a majority of his time was spent with clients, and not at the subject property. Mr. Purdie was unable to provide any specific information regarding the historical use of the property.

5.2 INTERVIEW WITH KEY SITE MANAGER

AKT Peerless interviewed Mr. Tony Morrison of Detroit Elevator Company regarding knowledge of the subject property during the site inspection. According to Mr. Morrison, he worked at the subject property for approximately 27 years until Detroit Elevator Company vacated the building in 2001. Detroit Elevator Company used the building for the manufacture of elevator cabs. Activities conducted in the building included cutting and welding sheet metal. Mr. Morrison was not aware of any USTs or significant spill events associated with the subject property. However, Mr. Morrison did state that an oil AST was located outside the southwestern corner of the subject building.

5.3 INTERVIEW WITH SUBJECT PROPERTY OCCUPANT(S)

The subject building is currently vacant. Therefore, an interview with the occupant of the subject property was not applicable to this ESA.

5.4 INTERVIEW(S) WITH OTHERS

AKT Peerless was not provided with contact information for other knowledgeable individuals during this Phase I ESA.

6.0 SUBJECT PROPERTY RECONNAISSANCE

6.1 METHODOLOGY AND LIMITING CONDITIONS

The subject property reconnaissance consisted of visual and physical observations of the subject property. AKT Peerless visually and/or physically observed the periphery of the subject property. In addition, AKT Peerless observed the subject property from all adjacent public thoroughfares. AKT Peerless viewed the subject property following a grid pattern designed to cover representative portions of the unimproved areas.

Mr. Timothy J. McGahey of AKT Peerless conducted the subject property reconnaissance on December 5, 2006. The following individuals accompanied Mr. McGahey during the reconnaissance.

- Mr. Doug Browne of RDR Real Estate and Mr. Randy Lewarchik (the Developer)
- Mr. Tony Morrison of Detroit Elevator Company
- Mr. Corey Leon of AKT Peerless
- Ms. Rebecca Binno-Savage of AKT Peerless

AKT Peerless encountered the following project specific facts or conditions that limited our ability to access the subject property:

- Visual observations of the subject building's interior were limited by the absence of electric lighting. Exterior observations were limited by the presence of dense vegetation in the alley south of and parking area west of the subject building.
- AKT Peerless was not provided access to the roof of the subject building.

6.2 GENERAL SUBJECT PROPERTY SETTING AND OPERATIONS

The subject property consists of a light industrial/manufacturing building, an unpaved parking area, and concrete walkways. AKT Peerless did not observe operations at the subject property, which has been vacant since approximately 2001.

6.3 OBSERVATIONS

6.3.1 Hazardous Substances and Petroleum Products

AKT Peerless did not observe hazardous substances or petroleum products at the subject property.

6.3.2 Hazardous and Non-Hazardous Waste

AKT Peerless did not observe hazardous or non-hazardous waste at the subject property.

6.3.3 Storage Tanks

AKT Peerless did not observe evidence of current or former UST systems (e.g., vent pipes, fill ports, dispensing pumps, patched pavement, etc.) at the subject property. AKT Peerless did not observe evidence of current or former AST systems (e.g., stands, secondary containments, etc.) at the subject property. However, as discussed in Section 5.2, according to Mr. Morrison an AST used to store oil was located outside the southwestern corner of the subject building when Detroit Elevator Company occupied the building.

6.3.4 Unidentified Substances/Containers

AKT Peerless did not observe evidence of unidentified substances or other suspect containers on the subject property, except for the following:

Material	Use / Location	Size	Observations
Not determined	Not determined / southwestern corner of building	55-gallon drum	This drum was rusted and in poor condition with evidence of staining on the concrete floor.
Not determined	Not determined / near southern wall of building	5-gallon bucket	This bucket was not covered Evidence of staining on concrete floor
Not determined	Not determined / near southwestern corner of building	Four 55-gallon drums	Staining was observed on the concrete floor in this area
Labeled Texaco Crater Compound	Not determined / tool room	3-gallon container	This container appeared to be rusting and in poor condition

6.3.5 Potential PCB Containing Equipment

AKT Peerless inspected the subject property for the presence of liquid-cooled electrical units such as transformers and large capacitors. Such units are notable since they may be potential sources of PCBs (polychlorinated biphenyls). AKT Peerless did not observe suspect PCB-containing equipment at the subject property, except for the following:

Source Description	Source Location	Responsibility	Observations
fluorescent light fixtures	subject building interior	subject property owner	no evidence of a release
elevator equipment	subject building interior	subject property owner	evidence of staining on concrete surrounding this equipment

Fluorescent light ballasts manufactured before 1980 may contain PCBs. These ballasts are considered small capacitors under the Toxic Substances Control Act (TSCA). An inspection of these fluorescent light ballasts for evidence of PCB content was beyond the scope of this assessment. However, no obvious evidence of leaking units was noted. Given the subject

building's date of construction (late 1800s or early 1900s), it is AKT Peerless' opinion that these fixtures may contain PCBs.

AKT Peerless observed two hydraulic-powered lifts in the subject building. One of these lifts was located immediately south of the office area, and the second was identified near the eastern wall of the subject building. The hydraulic equipment is situated beneath these lifts. AKT Peerless observed staining on the concrete floor beneath these systems. Given the subject building's date of construction (late 1800s or early 1900s), it is AKT Peerless' opinion that the elevator's hydraulic fluids may – or may have – contain(ed) PCBs.

6.3.6 Interior Staining / Corrosion

AKT Peerless did not observe evidence of interior staining or corrosion, except for the following:

Description	Location	Size (approx.)	Observations
stained concrete floor	building interior near elevators	24 square feet	floor severely pitted and corroded
corroded concrete	building interior	¾ of building	floor severely pitted and corroded
stained brick and concrete floor	southwestern corner of building	400 square feet	former drum storage area
stained concrete floor	building interior in tool crib	3 square feet	purple stains of unknown origin

Besides those stains identified above, AKT Peerless observed several dark stains in the subject building. In many cases, these stains were present on corroded concrete or along engineered floor seams. AKT Peerless was unable to determine the origin of these stains.

6.3.7 Drains and Sumps

AKT Peerless observed what appeared to be a former floor drain in the southwestern portion of the subject building south of the office area. This floor drain did not appear to be operational. Otherwise, AKT Peerless did not observe any drains or sumps within the subject building.

6.3.8 Discharge Features

Storm water that falls upon the subject property appears to percolate directly into the ground, evaporate, or runoff into the adjoining road right-of-ways. AKT Peerless did not observe storm water catch basins or drains on the subject property.

6.3.9 Pits, Ponds, and Lagoons

AKT Peerless did not observe evidence of pits, ponds, or lagoons, or evidence thereof, at the subject property.

6.3.10 Solid Waste Dumping / Landfills

AKT Peerless did not observe evidence of solid waste dumping or landfills at the subject property.

6.3.11 Stained Soil, Stressed Vegetation, Stressed/Stained Pavement

AKT Peerless did not observe any evidence of stained soil, stressed vegetation, stressed pavement, or stained pavement at the subject property.

6.3.12 Well and Septic Systems

AKT Peerless did not observe physical evidence or indication of wells or septic systems at the subject property.

6.3.13 Other Observations

AKT Peerless did not observe evidence of other potential environmental concerns at the subject property, except for the following:

Description	Location	Observed Environmental Concerns
suspicious pipes	building interior – southeastern portion	the former purpose of these pipes is not known
electrical equipment	building interior – northern portion	based on the age of the subject building, the potential exists that electrical equipment within the building may contain mercury
suspicious manhole covers	building interior – northern portion near stairs to second floor and along southern wall in central portion	the former purpose of these features are not known
filled concrete area	building interior – southern central portion	potential former machine pit
patched concrete	building interior – southern central portion	potential former industrial feature

6.4 NON-ASTM SCOPE CONSIDERATIONS

AKT Peerless did not evaluate any other potential environmental conditions (i.e., further areas of possible business/environmental concern and/or liability) that are outside the scope of ASTM Standard Practice E 1527-05. Examples of such potential environmental conditions that were beyond the scope of this Phase I ESA include asbestos-containing materials (ACMs), cultural and historic resources, ecological resources, endangered species, health and safety, high-voltage power lines, indoor air quality, industrial hygiene, lead-based paints (LBPs), lead in drinking water, moisture intrusion/suspect mold growth, noise pollution, radon, regulatory compliance/non-compliance and/or wetlands.

AKT Peerless advises users of this document who wish to obtain an evaluation of the subject property relative to any of the aforementioned non-ASTM issues to engage the services of a qualified environmental professional.

7.0 CONCLUSIONS AND RECOMMENDATIONS

7.1 RECOGNIZED ENVIRONMENTAL CONDITIONS

We have performed a Phase I ESA of the subject property in conformance with the scope and limitations of ASTM Standard Practice E 1527-05 and AAI 40 CFR Part 312. Any exceptions to, or deletions from, this practice are described in Section 8 and Appendix A of this report. This assessment has revealed no evidence of RECs in connection with the subject property, except for the following:

1. As discussed throughout this report, the subject property has been used for industrial activities since the existing building was constructed in 1907. Previous occupants of the subject property have included Pressed Steel Sanitary Manufacturing Co. (1907-1910), EMP Automotive Co. (1910-1911), Studebaker (1911-1916), F. Joseph Lamb Company (~1916 through 1940s), General Conveyors Corporation (~1930s), Inserts, Inc. (~1980s) and Detroit Elevator Company (~1960s through 2001). These previous occupants utilized the subject property for industrial activities, which likely included the storage and use of hazardous substances and petroleum products. It is AKT Peerless' opinion that a potential exists for the subject property's soil and groundwater to have been adversely affected by these historical uses.

2. As discussed in Section 4.4.5, Atwell-Hicks completed a subsurface investigation of the subject property in August 1998. AKT Peerless understands that the purpose of this investigation was to provide a limited evaluation of subsurface conditions subsequent to the owner's sale of the subject property. During the investigation, Atwell-Hicks conducted a geophysical survey and drilled two soil borings in the parking lot area of the property. Anomalies consistent with USTs were not detected during the geophysical survey. Lead and arsenic were detected in soil above MDEQ Part 201 Residential Soil Direct Contact Criteria. Based on the results of this investigation, the subject property meets the definition of a "facility", as defined in Part 201 of Natural Resources and Environmental Protection Act (NREPA), Michigan Public Act (PA) 451, as amended.

3. As discussed in Section 4.4.2, a fire department data slip indicated that a 1,000-gallon UST used to store Class I Liquid was identified in a corner of the subject building in December 1926. The UST is depicted as 6.5-feet in diameter and 6-feet in length, and the fill and vent pipes could not be located. AKT Peerless was unable to determine the specific location of the UST based on these fire department records

4. As discussed in Sections 4.4.2 and 6.3.4, Detroit Fire Department records for the subject property indicate that containers of paint, mineral spirits, paint thinner, hydraulic oil, and varnish were identified within the subject building during inspections conducted between 1989 and 1998. The containers ranged in size from less than one gallon to 55-gallon drums. AKT Peerless identified abandoned containers during the reconnaissance of the subject property. Staining was observed on the concrete and brick floor near some of these containers. Furthermore, Mr. Morrison indicated that an above ground storage tank (AST) used to store oil was located outside the southwestern corner of the subject building.

5. As discussed in Sections 6.3.5 and 6.3.6, AKT Peerless observed two hydraulic lifts in the

subject building. Staining was observed on the concrete floor surrounding the hydraulic oil reservoirs associated with these lifts. Based on the age of the subject building, the potential exists that these lifts used PCB-containing hydraulic oil.

6. As discussed in Sections 6.3.6 and 6.3.7, AKT Peerless observed staining on the concrete floor in several areas within the subject building. In most cases, this staining was observed on or near severely pitted and corroded concrete. AKT Peerless observed what appeared to be a former floor drain in the southwestern portion of the subject building south of the office area. This floor drain did not appear to be operational.

7. As discussed in Section 6.3.13, AKT Peerless observed suspicious pipes and patched and filled concrete, and suspicious manhole covers in the subject building. The former purpose of these features was not determined during this ESA.

8. As discussed in Section 4.5, the northern adjoining property contained single-family residential houses from at least 1884 until a steel storage warehouse was constructed between 1922 and 1945. Subsequent industrial activities were conducted at this property until the late 1990s or early 2000s. Currently, the northern adjoining property contains a vacant, light industrial building. The historical use of this adjoining property for industrial activities presents an environmental concern to the subject property.

9. As discussed in Section 4.5, the eastern adjoining property contained a single-family residential house from at least 1884 until the existing light industrial building was constructed between 1897 and 1922. Previous occupants of this adjoining property have included Mueth Iron Works and Aluminum & Architectural Metals. Currently, the eastern adjoining property contains a vacant, light industrial building. In addition, a nearby industrial property (Hayes File Company) located 50 feet east of the subject property contained an acid storage tank identified in Sanborn maps (refer to Section 4.4.2).

10. As discussed in Section 4.5, the southeastern adjoining property, beyond the public alley, contained single-family residential houses from at least 1884 until the homes were demolished and a scrap metal storage yard was constructed between 1897 and 1922. Between 1922 and 1950 this adjoining property was further developed with a light industrial building, which was demolished between 2000 and 2006. Previous occupants of this adjoining property have included Michigan Steel Castings Co. and Michigan Standard Alloy Casting. Currently, the southeastern adjoining property consists of vacant land.

11. As discussed in Sections 4.2.2 and 4.5, industrial activities were conducted on the southern adjoining property from at least 1884 until approximately the 1980s. The southern adjoining property, beyond the public alley, contained a coal storage yard from at least 1884 until an industrial building was constructed between 1922 and 1949. This industrial building was demolished between 1977 and 1980. Previous occupants of this adjoining property have included Hurley Coal Yard, Michigan Steel Castings, and Michigan Standard Alloy Casting. Currently, the southern adjoining property consists of vacant land. According to the EDR Report, one 1,000-gallon gasoline UST was removed from this site in September 1998. The UST was constructed of asphalt-coated or bare steel with bare steel piping material. The installation date for this UST was not reported. A confirmed release (Leak No. C-0820-98)

from the UST was reported to MDEQ in September 1998. The release was likely discovered during removal of the UST. The LUST investigation associated with this release was "closed" in January 1999.

12. As discussed in Section 4.5, the southwestern adjoining property, beyond the public alley, contained single-family residential houses from at least 1884 until a pattern storage and wagon shed were constructed between 1884 and 1897. Between 1922 and 1950 this adjoining property was further developed with an industrial building, which was demolished between 1985 and 1990. Previous occupants of this adjoining property have included Detroit Dry Dock and Engine Works and Central Iron Foundry. Currently, the southwestern adjoining property consists of vacant land.

13. As discussed in Section 4.5, the western adjoining property contained single-family residential houses and a store from at least 1884 until a soap manufacturing building was constructed between 1897 and 1922. These building were demolished, and a steel storage yard was constructed between 1922 and 1949. Identified previous occupants of this adjoining property included National Soap Works Co. Currently, the western adjoining property consists of vacant land.

Because RECs were identified during the performance of the Phase I ESA, further investigation and/or assessment is warranted in order to determine the nature, extent, magnitude, and materiality of the RECs associated with the subject property. AKT Peerless recommends conducting a geophysical survey using ground-penetrating radar (GPR) within the subject building to evaluate the potential for an abandoned UST (including the suspicious pipes and manhole covers). In addition, AKT Peerless recommends removing any abandoned containers in accordance with applicable regulations.

7.2 HISTORICAL RECOGNIZED ENVIRONMENTAL CONDITIONS

AKT Peerless did not identify HRECs in connection with the subject property.

7.3 AREAS OF POTENTIAL CONCERN AND SIGNIFICANT DATA GAPS

AKT Peerless did not identify other areas of potential concern in connection with the subject property during the course of this ESA, except for the following:

- AKT Peerless identified a pipe run along the ceiling of the subject building. This pipe was wrapped in a material that may contain asbestos. Although an asbestos survey was not conducted as part of this Phase I ESA, AKT Peerless recommends properly sampling this material, and if necessary removing it, prior to redevelopment activities.
- As discussed in Section 6.3.5, based on the age of the subject building, fluorescent light ballasts noted during the site inspection may contain PCBs. It is AKT Peerless' opinion these fixtures represent a minimal environmental risk to the subject property. However, upon replacement of the fixtures during future renovations, the ballasts should be evaluated and, if PCB-containing, handled in accordance with applicable regulations.
- As discussed in Section 6.3.13, based on the age of the subject building, the electrical equipment noted during the site inspection may contain mercury. It is AKT Peerless'

opinion these fixtures represent a minimal environmental risk to the subject property. However, upon replacement of the fixtures during future renovations, this equipment should be handled in accordance with applicable regulations.

- Due to data failure, AKT Peerless was unable to determine if any alternative heating fuels (e.g., coal, propane, oil, etc.) were used at the subject property prior to the use of steam heat and installation of natural gas.

AKT Peerless did not identify evidence of an adverse environmental effect upon the subject property in connection with the areas of potential concern listed above. Nevertheless, it is AKT Peerless' opinion that a potential exists for PCB containing light ballasts, mercury electrical equipment, and/or heating oil container to be present at the subject property.

Consequently, AKT Peerless recommends that such items, if identified or encountered during future development activities, be decommissioned, removed, and/or disposed in accordance with applicable federal, state, and local regulations. Additional action beyond that recommended above may be warranted if evidence of actual or historical heating oil USTs is identified at the subject property in the future.

AKT Peerless did not identify or encounter any instances of significant data gaps during the course of this ESA.

8.0 DEVIATIONS

AKT Peerless did not deviate from ASTM Standard Practice E 1527-05 when performing this Phase I ESA (i.e., no components of that practice were deleted, and no additions to it were made).

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9.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

We declare that, to the best of our knowledge and professional belief, we meet the definition of environmental professional as defined in ASTM E-1527-05 and §312.10 of 40 CFR 312 or conducted this inquiry under the supervision or responsible charge of, an environmental professional. We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in ASTM E-1527-05 and 40 CFR Part 312.

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environmental services

QUALIFICATIONS

MEGAN BAHORSKI

PROFESSIONAL PROFILE

Environmental Consultant
Environmental Compliance and Assessment Services

EDUCATION

Michigan State University, East Lansing, Michigan
B.S., Environmental Studies and Applications

PROFESSIONAL EXPERIENCE

Environmental Consultant, AKT Peerless Environmental Services
BB&J Staff Scientist I, NEPA Experience

AREA OF EXPERTISE

Expertise includes: (1) evaluating the potential environmental risk at commercial and raw-land properties, (2) conducting Phase I environmental Assessments, (3) providing oversight of soil and ground water Phase II ESA subsurface investigations.

SUMMARY OF SELECTED PROJECTS

(1) Performed Phase I Environmental Site Assessments (ESA) of commercial and raw-land properties.

(2) Provided oversight of soil and ground water Phase II ESA subsurface investigations.

(3) Completed National Environmental Policy Act Reports for a large telecommunications client.

(4) Participated in writing proposals for Phase II ESA subsurface investigations.

(5) Worked on the TCNS/SHPO process for a large telecommunications client.

SPECIALIZED TRAINING

OSHA – 40-Hour Hazardous Waste Operations Training

OSHA – 8-Hour Hazardous Waste Operations Training

TIMOTHY J. MCGAHEY, CHMM

PROFESSIONAL PROFILE

Senior Project Manager
Environmental Compliance and Assessment Services

EDUCATION

Aquinas College, Michigan
B.S., Environmental Science, 1998

PROFESSIONAL EXPERIENCE

Senior Environmental Consultant, AKT Peerless Environmental Services

AREA OF EXPERTISE

Expertise includes: (1) conducting Phase I environmental site assessments (ESAs), (2) conducting environmental compliance audits, (3) field management and activities coordination, (4) coordinating environmental investigations, and (5) asbestos building inspections.

Additional expertise includes: (1) conducting field operations such as soil, surface water, and groundwater sampling, (2) oversight of field operations such as monitoring well installation, and contaminant delineation, (3) preparing Phase II Subsurface Investigation Reports, (4) preparing Baseline Environmental Assessment Reports, (4) preparing Section 20107a Compliance Evaluations, (5) conducting geophysical surveys, (6) preparing US EPA Work Plan/Sampling Analysis Plans, and (7) creating maps, diagrams, and drawings.

Supporting area of expertise include a working knowledge of state and federal environmental regulations applicable to wastewater discharges, toxic release inventory reporting, and hazardous chemical inventory reporting.

Mr. McGahey has over seven years of experience in investigative activities regarding hazardous materials, substances or contaminants; including environmental site assessment and long-term monitoring and removal activities. Mr. McGahey has conducted subsurface investigations to evaluate the presence and/or extent of soil and groundwater contamination.

SUMMARY OF SELECTED PROJECTS

(1) Performed Phase I ESAs (including project management, site reconnaissance, regulatory and historical records investigations, and report completion) for financial institutions, manufacturing facilities, real estate developers, property managers, and insurance companies. Properties included industrial, commercial, and residential sites. Properties assessed were located in Michigan, Ohio, Indiana, Virginia, Arizona, Texas, Oklahoma, Tennessee, and Nebraska.

(2) Conducted environmental compliance audit for plastics forming facility. Audit focused on determining the facility degree of compliance with applicable federal, state and local environmental regulations and recommending actions to achieve compliance.

(3) Performed Environmental Transaction Screen Assessments (including project management, field activity, site reconnaissance, regulatory historical records investigations, and report completion) for financial institutions.

(4) Prepared annual Toxic Chemical Release Inventory (Form R) and Hazardous Chemical Inventory (Tier II) reports for industrial facilities.

(5) Prepared quarterly Wastewater Discharge Permits for plastics forming facility.

(6) Prepared Storm Water Pollution Prevention Plans for various manufacturing facilities.

(7) Conducted hazardous materials surveys for operating and abandoned industrial facilities.

(8) Supervised drilling and mobile lab operations. Activities included: selecting boring locations, collecting soil samples, field screening soil samples, installing monitoring wells, and selecting samples for laboratory analysis.

(9) Supported USEPA in a critical removal action for an abandoned industrial facility in Hamtramck, Michigan.

(10) Conducted vertical profiling and discrete sampling of groundwater at specific depths to determine the vertical extent of contamination. Conducted delineation procedures to determine the exact location and extent of soil contamination.

(11) Conducted geophysical surveys using an EM-61MK2 metal detector, and prepared scaled, contoured site maps depicting anomalous areas.

(12) Conducted long term monitoring including well development and well sampling procedures.

(13) Provided technical expertise and project management support for the Downriver Area Brownfield Consortium (DABC) USEPA Brownfield Assessment Grants and Detroit/Wayne County Port Authority (DWCPA) Brownfield Assessment Grants. These grants are designed to empower communities in the economic redevelopment of Brownfield sites. Duties include management, oversight, property assessments; participation in monthly meetings; developing USEPA Work Plans, preparing quarterly reports, and communication with USEPA.

(14) Conducted and managed due-diligence investigations for large-scale (more than 40 properties) portfolio property purchases.

REGISTRATIONS/CERTIFICATIONS

Certified Hazardous Materials Manager (CHMM) by the Academy of Certified Hazardous Materials Managers (Certificate No. 010213)
Health and Safety Training for Hazardous Waste Sites (OSHA-mandated 40-hour training)
OSHA 8-Hour refresher courses
Michigan Department of Environmental Quality Certified Storm Water Operator -Industrial
OSHA Confined Space Entrant and Attendant Course
Completed AHERA Asbestos Building Inspector Course
First Aid / CPR

PROFESSIONAL AFFILIATIONS

Academy of Certified Hazardous Materials Managers (ACHMM)
Michigan Chapter, ACHMM

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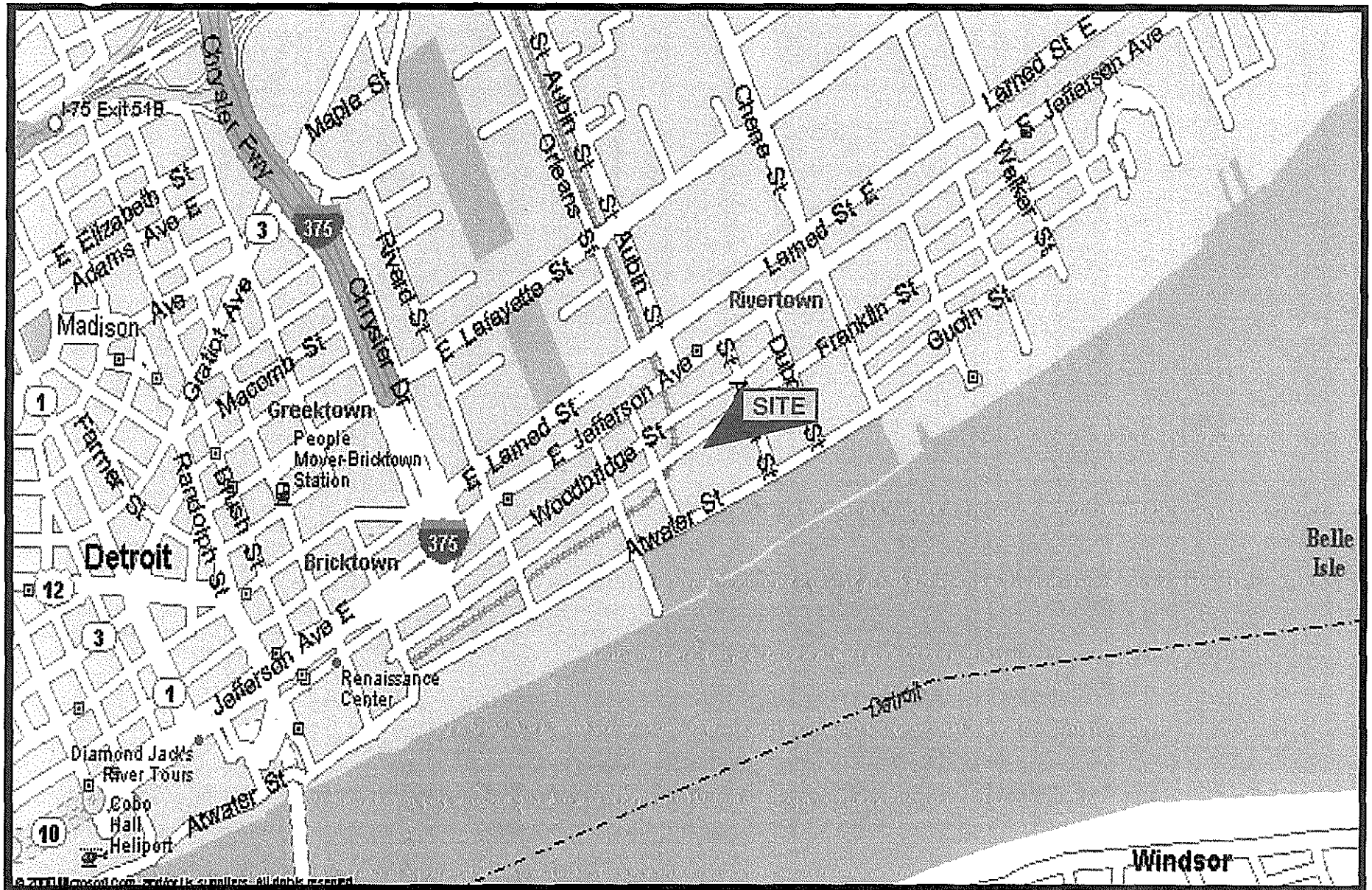
FIGURES



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SUBJECT PROPERTY LOCATION MAP
DWCPA-FORMER DETROIT ELEVATOR COMPANY
1938 FRANKLIN STREET
DETROIT, MICHIGAN
PROJECT NUMBER : 5234D-1-17

LEGEND
N
W E
S

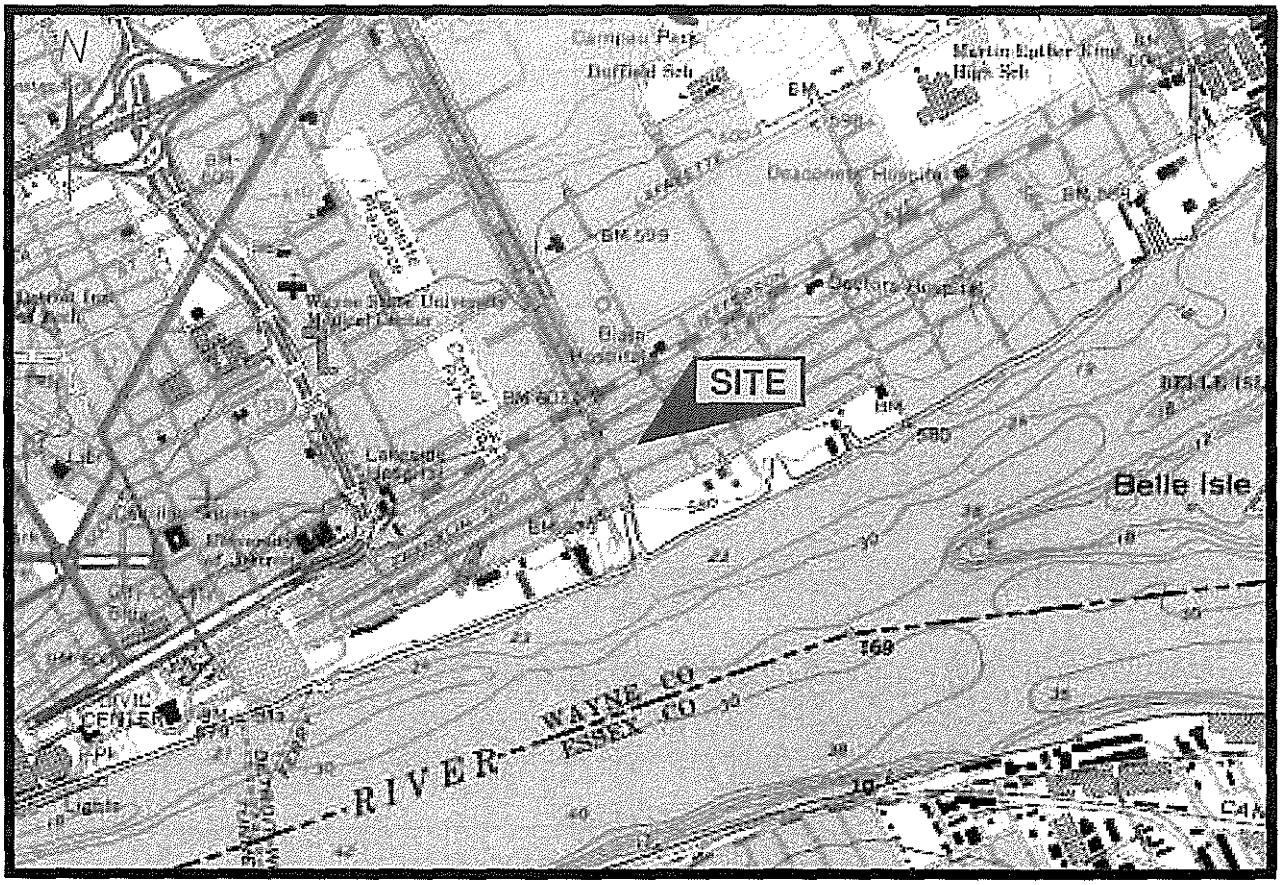
DRAWN BY: JM
DATE: 01.04.07

FIGURE 1

DETROIT QUADRANGLE

MICHIGAN - WAYNE COUNTY

7.5 MINUTE SERIES (TOPOGRAPHIC)



T.2 S. - R.12 E.

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 5 FEET
DATUM IS MEAN SEA LEVEL

MICHIGAN
QUADRANGLE LOCATION

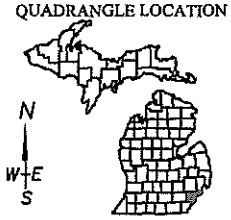


IMAGE TAKEN FROM 1968 U.S.G.S. TOPOGRAPHIC MAP
PHOTOREVISED 1973 AND 1980

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TOPOGRAPHIC LOCATION MAP

DWCPA-FORMER DETROIT ELEVATOR COMPANY

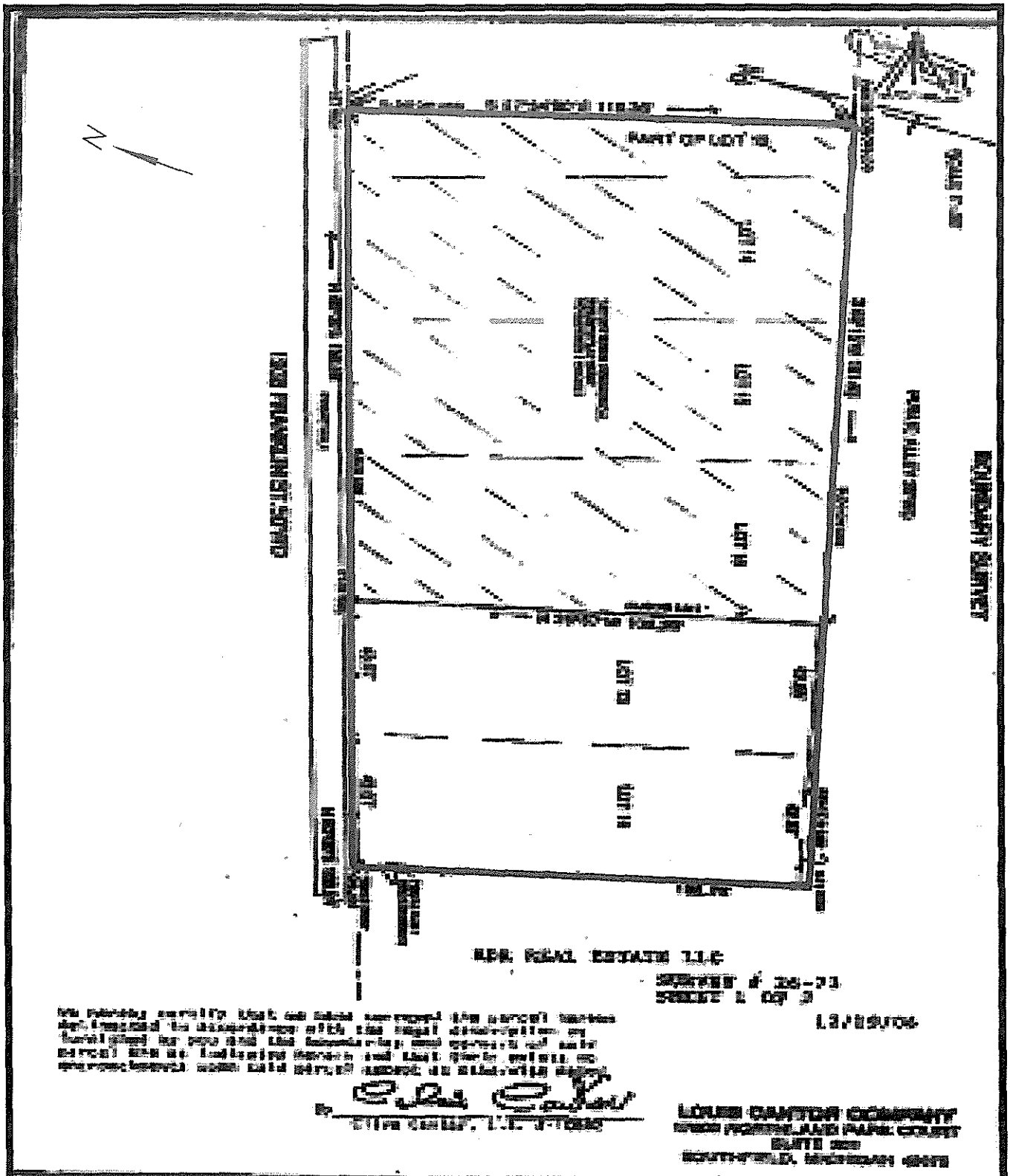
1938 FRANKLIN

DETROIT, MICHIGAN

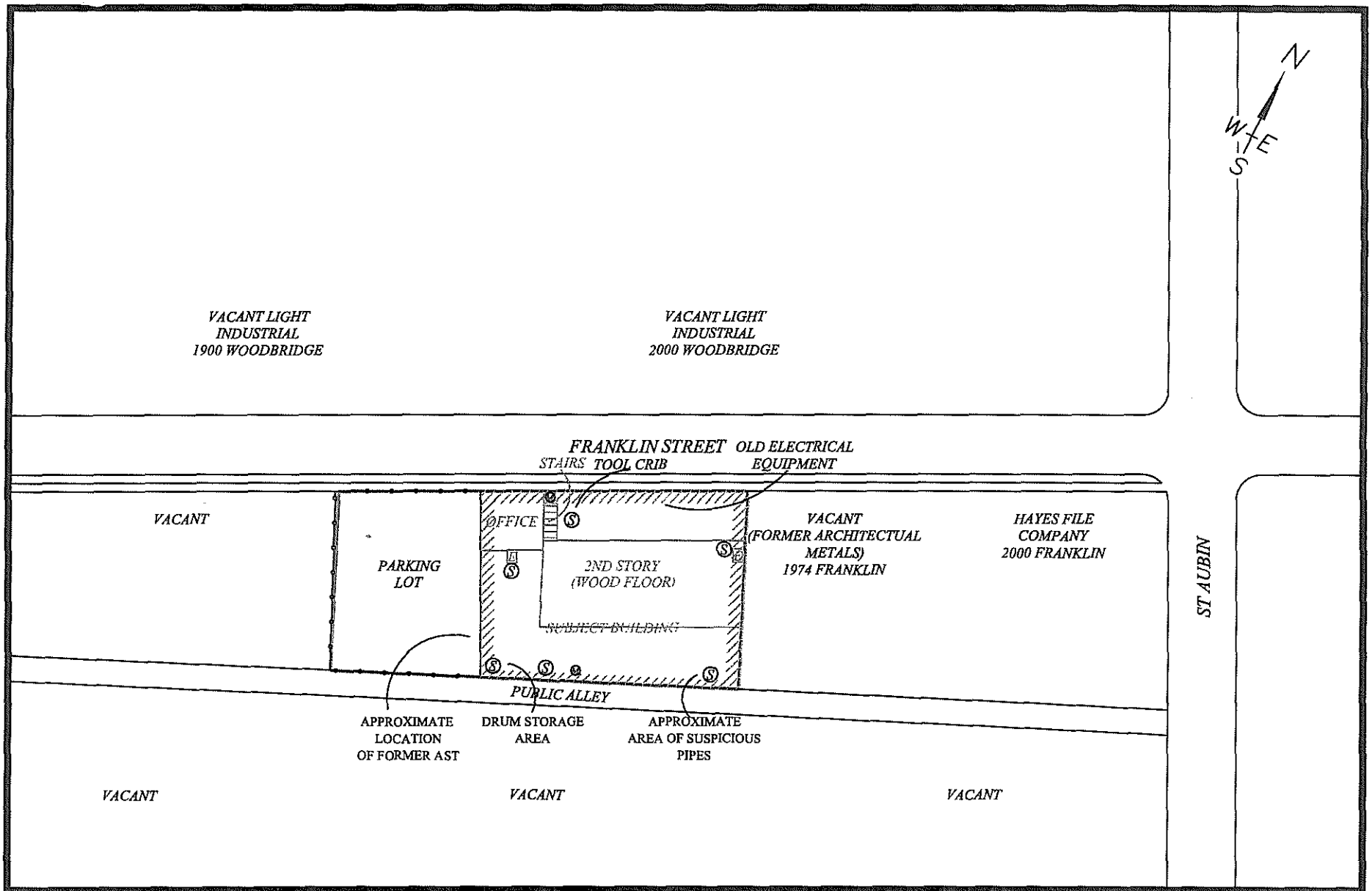
PROJECT NUMBER : 5324D-1-17

DRAWN BY: JM
DATE: 01.04.07

FIGURE 2



AKTPEERLESS environmental services	*PARCEL MAP* *DWCPA-FORMER DETROIT ELEVATOR COMPANY* 1938 FRANKLIN DETROIT, MICHIGAN PROJECT NUMBER : 5324D-1-17	DRAWN BY: JM DATE: 01.04.07 *FIGURE 3*



AKTPEERLESS environmental services

SUBJECT PROPERTY MAP

DWCPA-FORMER DETROIT ELEVATOR COMPANY

1938 FRANKLIN

DETROIT, MICHIGAN

PROJECT NUMBER : 5324D-1-17

LEGEND

= PROPERTY LINE

= FENCE LINE

= ELEVATOR

= STAINED CONCRETE AREAS

= SUSPICIOUS MANHOLE COVER

DRAWN BY: JM

DATE: 01.04.07

0 40 80

SCALE: 1" = 80'±

FIGURE 4

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APPENDIX A

GENERAL LIMITATIONS AND EXCEPTIONS

General Limitations and Exceptions

Subject to the proposal, scope-of-services, and the related terms and conditions referenced in Section 1.0 of this Phase I ESA, AKT Peerless accepts responsibility for the competent performance of its duties in executing the assignment and preparing reports in accordance with the normal standards of the profession, but disclaims any responsibility for consequential damages.

Although AKT Peerless believes that the findings, opinions, and recommendations contained herein are reliable and appropriate, AKT Peerless cannot warrant or guarantee that the information provided is exhaustive, or that the information obtained from any data sources is complete or accurate.

Along with the inherent limitations set forth in various sections of ASTM Standard Practice E 1527-05, the accuracy and completeness of this report may be limited by the following facts or conditions:

- Due to the poor scale of the historical aerial photographs, the presence or absence of small features (e.g., individual drums, fuel dispensers) could not be discerned reliably.
- AKT Peerless made reasonable efforts to determine if USTs or related equipment (collectively referred to as UST systems) are or have been present at the subject property. AKT Peerless defines reasonable efforts as obtaining and evaluating information from visual observations of unobstructed areas and from the secondary sources cited in this report. AKT Peerless recognizes, and suggests users of this assessment acknowledge, that the accuracy of our conclusions relative to the on-site presence or use of UST systems may be directly affected by the presence of physical obstructions at the time of the reconnaissance, or affected by our receipt and evaluation of incorrect information.
- AKT Peerless' evaluation of soil and groundwater features at and near the subject property was based only on published maps and other readily available information. AKT Peerless used this information to assess soil types and groundwater flow directions to determine if conditions at any nearby sites present an environmental threat to the subject property.
- Unless specifically noted otherwise, invasive investigation of any kind has not been performed during this Phase I ESA, nor has observation under floors, above ceilings, behind walls, within the surface and subsurface soil, within groundwater, within confined spaces, roof tops, or inaccessible areas been performed.
- AKT Peerless did not conduct sampling or analysis of air, soil, groundwater, surface water, or building materials as part of this Phase I ESA, unless specifically noted otherwise.
- This Phase I ESA did not include a physical inspection of the adjoining properties, which AKT Peerless observed from the subject property and from readily accessible public rights-of-way.
- AKT Peerless typically does not review historical or environmental information about nearby sites in detail unless known activities or events at a nearby site appear to present an environmental threat to the subject property.
- AKT Peerless' scope of services did not include conducting a review of property title

documentation. AKT Peerless requested property title documentation and environmental cleanup liens from the Client, but was not provided this information, unless specifically noted otherwise. However, as described in this report, AKT Peerless made reasonable attempts to determine if the State Environmental Agency maintains documentation regarding environmental liens recorded against the subject property.

- This assessment did not include a review or audit of operational environmental compliance issues, or of any environmental management systems, that may be associated with the subject property.
- This Phase I ESA did not include any investigation or evaluation of issues not specifically related to petroleum products or hazardous substances as defined in CERCLA (i.e., other areas of potential business environmental risk such as radon, lead in drinking water, etc.).
- The information and opinions contained in the report are given in light of this assignment. The report must be reviewed and relied upon only in conjunction with the terms and conditions expressly agreed-upon by the parties and as limited therein.
- Although AKT Peerless believes the results contained in herein are reliable, AKT Peerless cannot warrant or guarantee that the information provided is exhaustive, or that the information provided by the Client, third parties, or the secondary information sources cited in this report is complete or accurate.
- AKT Peerless is not in a position to provide an opinion regarding the Fair Market Value of the subject property. Therefore, a comparison of the purchase price of the subject property to other similar real estate transactions was not conducted during this assessment.
- Nothing in this report constitutes a legal opinion or legal advice. For information regarding individual or organizational liability, AKT Peerless recommends consultation with independent legal counsel.
- AKT Peerless relied upon specific or common knowledge of the Client, or information provided to the Client, to identify environmental liens, institutional controls, activity use limitations, or property valuation issues. As possible within the time frame and cost of this project, AKT Peerless looked for any obvious environmental information regarding these issues made readily available during the course of this ESA.
- The information and opinions presented in this report are for the exclusive use of the Client. No distribution to or reliance by other parties may occur without the express written permission of AKT Peerless. AKT Peerless will not distribute this report without written consent from the Client, or as required by law, or by a Court order.
- Any third parties to whom the right to rely on the contents of this report have been granted by AKT Peerless, which is explicitly required prior to any third-party release, expressly agrees to be bound by the original terms and conditions entered into by AKT Peerless and the Client.

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APPENDIX B

LEGAL DESCRIPTION

Policy or Policies issued pursuant to this commitment are underwritten by:

First American Title Insurance Company

SCHEDULE A

Commitment No.: 211769
2014 Patty Meadows
December 13, 2006

1. Commitment Date: October 20, 2006 @ 8:00 AM

2. Policy or Policies to be issued: Policy Amount
(a) ALTA Owner's Policy (10-17-92) Without Standard Exceptions $298,000.00

Proposed Insured:
RDR Real Estate, LLC, a Michigan limited liability company

Policy or Policies to be issued: Policy Amount
(b) ALTA Loan Policy (10-17-92)

Proposed Insured:

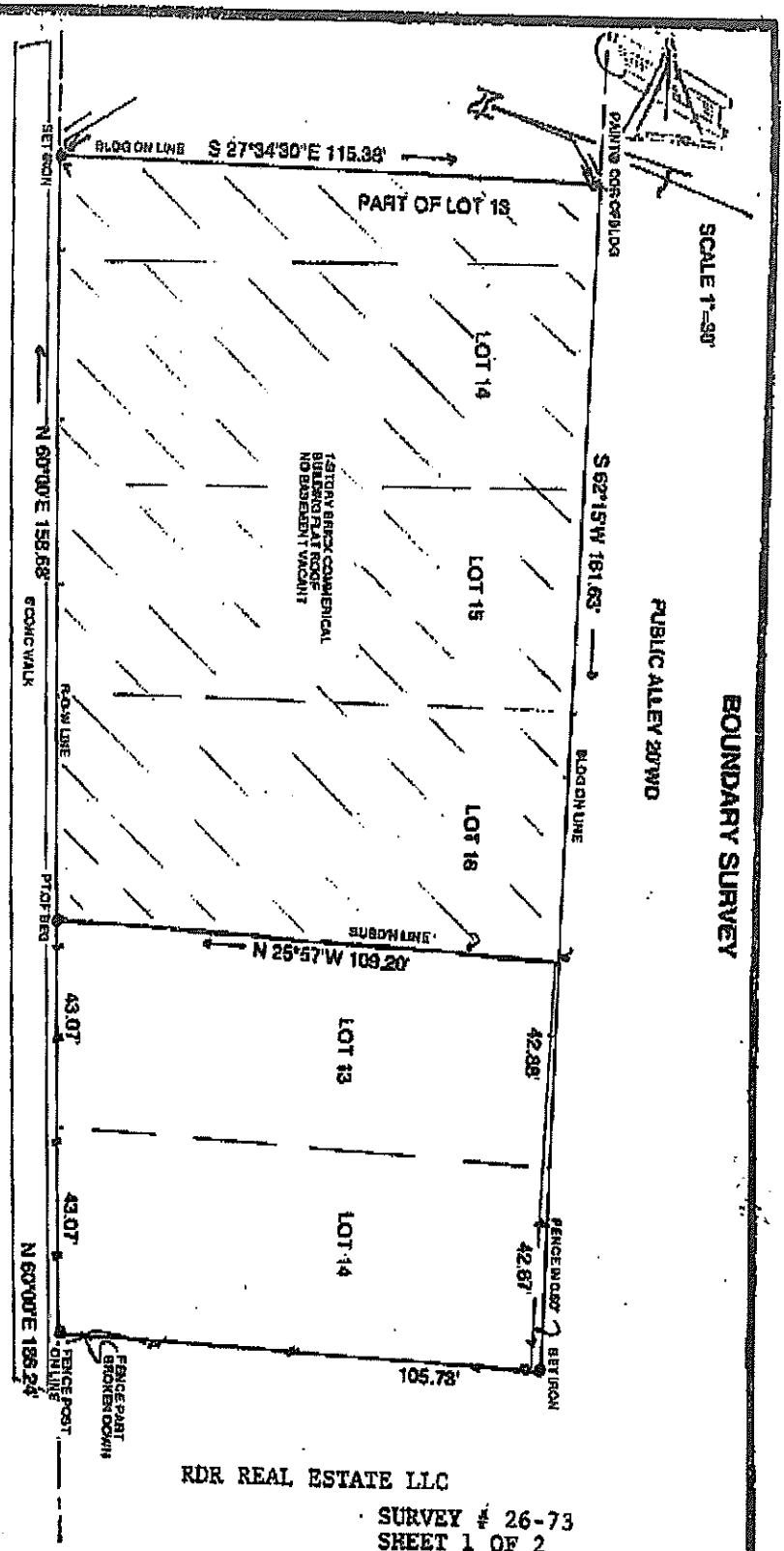
3. The Fee Simple interest in the land described in this Commitment is owned, at the Commitment Date, by:
Rado, Inc., a Michigan corporation

4. The land referred to in this Commitment, situated in the County of Wayne, City of Detroit, State of Michigan, is described as follows:

(SEE EXHIBIT A LEGAL DESCRIPTION)

1938 Franklin Detroit MI

Issuing Agent: Metropolitan Title Company
America's Premier Title Agency
For questions regarding this commitment contact your local
Metropolitan Title Company (248)540-4102 or fax to (248)540-2428
39400 Woodward Ave., Ste. 135A, Bloomfield Hills, MI 48304



RDR REAL ESTATE LLC

SURVEY # 26-73
SHEET 1 OF 2

12/19/06

We hereby certify that we have surveyed the parcel hereon delineated in accordance with the legal description as furnished by you and the boundaries and corners of said parcel are as indicated herein and that there exists no encroachments upon said parcel except as otherwise noted.

By Clive Cantor

Clive Cantor, L.S. #10602

LOUIS CANTOR COMPANY
17600 NORTHLAND PARK COURT
SUITE 201
SOUTHFIELD, MICHIGAN 48075

Metropolitan Title Company
39400 Woodward Ave., Ste. 135A
Bloomfield Hills, MI 48304

Schedule B – Section I
REQUIREMENTS

Commitment No.: 211769

General Requirements

The following requirements must be met:

(a) Payment of the full consideration to, or for the account of, the grantors or mortgagors should be made.

(b) Payment of all taxes, charges, assessments, levied and assessed against subject premises, which are due and payable should be made.

(c) Pay us the premiums, fees and charges for the policy.

(d) You must tell us in writing the name of anyone not referred to in this Commitment who will receive an interest in the land or who will make a loan on the land. We may make additional requirements or exceptions.

(e) Submit completed Owner's Estoppel/Affidavit/ALTA Statement on the form provided by this company and signed by or on behalf of all owners.

Specific Requirements

Documents satisfactory to us creating the interest in the land and/or mortgage to be insured must be signed, delivered and recorded:

1. SUBMIT A COPY OF THE RESOLUTION OF THE BOARD OF DIRECTORS OF RADO, INC., AUTHORIZING THE CONVEYANCE AND IDENTIFYING THE INDIVIDUAL(S) AUTHORIZED TO EXECUTE THE PROPOSED CONVEYANCE ON BEHALF OF THE CORPORATION.

2. WARRANTY DEED FROM OWNER NAMED ON SCHEDULE A TO THE PARTY TO BE INSURED.

3. APPLICATION HAS BEEN MADE FOR THE ISSUANCE OF OWNER'S POLICY WITHOUT STANDARD EXCEPTIONS. SUCH POLICY WILL BE ISSUED UPON RECEIPT OF THE FOLLOWING:
   - A) A FULLY EXECUTED OWNER'S AFFIDAVIT WHICH EVIDENCES THERE HAS BEEN NO WORK COMPLETED ON THE PROPERTY WITHIN THE LAST 90 DAYS OR, IF WORK HAS BEEN COMPLETED, A FINAL SWORN STATEMENT SATISFACTORY TO METROPOLITAN TITLE COMPANY. FULL UNCONDITIONAL WAIVERS OF LIEN MUST ACCOMPANY SUCH AFFIDAVIT; AND
   - B) AN ALTA/SCSM SURVEY OR OTHER SURVEY SATISFACTORY TO METROPOLITAN TITLE COMPANY WHICH IS CERTIFIED TO METROPOLITAN TITLE COMPANY AND THE UNDERWRITER NAMED IN THIS COMMITMENT. ADDITIONAL EXCEPTIONS WILL BE MADE FOR ANY EASEMENTS, ENCROACHMENTS OR OTHER MATTERS WHICH MAY BE DISCLOSED BY THE SURVEY.

Metropolitan Title Company
39400 Woodward Ave., Ste. 135A
Bloomfield Hills, MI 48304

Schedule B – Section II
EXCEPTIONS

Commitment No.: 211769

Schedule B of the policy or policies to be issued will contain exceptions to the following matters unless the same are disposed of to the satisfaction of the Company:

Defects, liens encumbrances adverse claims or other matters, if any, created, first appearing in the public records or attaching subsequent to the effective date hereof but prior to the date the Proposed Insured acquires for value of record the estate or interest or mortgage thereon covered by this Commitment.

General Exceptions

Any policy we issue will have the following exceptions unless they are taken care of to our satisfaction:

1. Rights or claims of parties in possession not shown by the public records.
2. Encroachments, overlaps, boundary line disputes, or other matters which would be disclosed by an accurate survey and inspection of the premises.
3. Easements, or claims of easements, not shown by the public records.
4. Any lien, or right to a lien, for services, labor or material heretofore or hereafter furnished, imposed by law and not shown on the public records.
5. Taxes or special assessments which are not shown as existing liens by the public records.

Specific Exceptions

1. Terms and Conditions contained in Resolution as disclosed by instrument recorded in Liber 17199, page 785.
2. Terms and Conditions contained in Warranty Deed as disclosed by instrument recorded in Liber 14687, page 438.
3. Rights of tenants, if any, under any unrecorded leases.
4. Any lien for water or sewer services.
5. Taxes to follow by revised commitment.

   NOTE: If subject property is connected to public/community water or sewer, furnish a copy of the current bill to Metropolitan Title Company showing that all charges have been paid to date or the Policy to be issued will include an exception on Schedule B for water and sewer charges which became a lien prior to the date of the Policy.

EXHIBIT A
LEGAL DESCRIPTION

File No.: 211769

The land referred to in this Commitment, situated in the County of Wayne, City of Detroit, State of Michigan, is described as follows:

All of Lots 14, 15, 16 and part of Lot 13 of the Subdivision of Lot 2, WITHERALL FARM, according to the plat thereof recorded in Liber 1 of Plats, page 37 of Wayne County Records, beginning at the intersection of the Southerly line of Franklin Street 50.00 feet wide and the Easterly line of Dequindre Street 60.00 feet wide, thence along the Southerly line of Franklin Street on a course North 60 degrees 00 minutes East 186.24 feet distant to a point, said point being the Northwesterly corner of the place of beginning of the parcel herein intended to be described, said point also being the Northwesterly corner of said Lot 16 and the Northwesterly corner of a one-story brick building, thence continuing along the Southerly line of Franklin Street on a course North 60 degrees 00 minutes East 158.68 feet distant to the Westerly face of a three-story brick wall if the same were prolonged Northerly to the Southerly line of Franklin Street, thence South 27 degrees 34 minutes 30 seconds East along the Westerly face of said three-story brick wall and it's Northerly and Southerly prolongation 115.38 feet distant to a point on the Northerly line of a public alley 20 feet wide thence along said Northerly alley line on a course South 62 degrees 15 minutes West 161.63 feet distant to the Southwesterly corner of said Lot 16, thence along the Westerly line of said Lot 16 and along the Westerly face of the Westerly wall of a one-story brick building and on a course North 25 degrees 57 minutes West 109.20 feet distant to the place of beginning subject to the right of the owner of the premises situated Easterly of and adjoining the land parcel as above described to hold the land now occupied by certain brick piers attached to Westerly face of the wall now marking the Easterly boundary line of the land parcel as above described, such right to cease upon the removal of the existing wall.

ALSO Lots 13 and 14 of Subdivision of Lot 1, WITHERALL FARM, between Jefferson Avenue and Atwater Street according to the Plat thereof as recorded in Liber 1 of plats on page 76, Wayne County Records, and being situated on the South side of Franklin Street.

Tax Item No. 31-2, Ward 9

Commitment for Title Insurance
FIRST AMERICAN TITLE INSURANCE COMPANY.

First American Title Insurance Company, a California corporation ("Company"), for a valuable consideration, commits to issue its policy or policies of title insurance, as identified in Schedule A, in favor of the Proposed Insured named in Schedule A, as owner or mortgagee of the estate or interest in the land described or referred to in Schedule A, upon payment of the premiums and charges and compliance with the Requirements; all subject to the provisions of Schedules A and B and to the Conditions of this Commitment.

This Commitment shall be effective only when the identity of the Proposed Insured and the amount of the policy or policies committed for have been inserted in Schedule A by the Company.

All liability and obligation under this Commitment shall cease and terminate six (6) months after the effective Date or when the policy or policies committed for shall issue, whichever first occurs, provided that the failure to issue the policy or policies is not the fault of the Company.

The Company will provide a sample of the policy form upon request.

First American Title Insurance Company

BY Gary L. Kennedy PRESIDENT

ATTEST Mark R. Arnesen SECRETARY

CONDITIONS:

1. The term mortgage, when used herein, shall include deed of trust, trust deed, or other security instrument.
2. If the proposed Insured has or acquired actual knowledge of any defect, lien, encumbrance, adverse claim of other matter affecting the estate or interest or mortgage thereon covered by this Commitment other than those shown in Schedule B hereof, and shall fail to disclose such knowledge to the Company in writing, the Company shall be relieved from liability for any loss or damage resulting from any act of reliance hereon to the extent the Company is prejudiced by failure to so disclose such knowledge. If the proposed Insured shall disclose such knowledge to the Compay, or if the Company otherwise acquires actual knowledge of any such defect, lien, encumbrance, adverse claim or other matter, the Company at its optionmay amend Schedule B of this Commitment accordingly, but such amendment shall not relieve the Company from liability previously incurred pursuant to paragraph 3 of these Conditions and Stipulations.
3. Liability of the Company under this Commitment shall be only to the named proposed Insured and such parties included under the definition of Insured in the form of policy or policies committed for and only for actual loss incured in reliance hereon in undertaking in good faith (a) to comply with the requirements hereof, or (b) to eliminate exceptions shown in Schedule B, or (c) to acquire or create the estate or interest or mortgage thereon covered by this Commitment. In no event shall such liability exceed the amount stated in Scheudle A for the policy or policies committed for and such liability is subject to the insuring provisions and Conditions and Stipualtions and the Exclusions from Coverage of the form of policy or policies commited for in favor of the proposed Insured which are hereby incorporated by reference and are made a part of this Commitment except as expressly modifed herein.
4. This Commitment is a contract to issue one or more title insurance policies and is not an abstract of title or a report of the condition of title. Any action or actions or rights of action that the proposed Insured may have or may bring against the Company arising out of the status of the title to the estate or interest or the status of the mortgage thereon coverd by this Commitment must be based on and are subject to the provisions of this Commitment.
5. The policy to be issed contains an arbitration clause. All arbitrable matters when the Amount of Insurance is $2,000,000 or less shall be arbitrated at the option of either the Company or the Insured as the exclusive remedy of the parties. You may review a copy of the arbitration rules at http://www.alta.org/.

Issued by: **First American Title Insurance Company** through its agent:

Metropolitan Title Company
39400 Woodward Ave., Ste. 135A
Bloomfield Hills, Michigan 48304
Ph: (248)540-4102 or Fax to: (248)540-2428

NOTICE OF YOUR FINANCIAL PRIVACY RIGHTS

We want you to know that the privacy and confidentiality of your personal information is very important to Metropolitan Title Company . We value your business and we want to retain your trust. In the course of providing products and services to you, we may obtain nonpublic personal information about you. We are required by law to provide you with this notice in order to inform you how Metropolitan Title Company collects, uses and safeguards your nonpublic personal information. This notice also tells you how you can limit our disclosure of personal information about you.

What Information Do We Collect

We may obtain nonpublic personal information about you from the following sources:

- Information we receive from you from applications or other forms;
- Information about your transaction with us from our files or from our affiliates;
- Information about your transaction with nonaffiliated third parties such as your real estate agent or lender;

The information we obtain includes, but is not limited to, your name, address, social security number, employer, income, account information from financial institutions, parties to a transaction and credit card usage.

What Information Do We Disclose

To meet your needs with quality products and services we may disclose any of the above information that we collect about our customers or former customers to our affiliates or to nonaffiliated third parties as permitted by law.

AFFILIATES

Our affiliates are the family of companies controlled by Metropolitan Title Company or under common control with another company. We may share the types of information described above, as permitted by law, with our affiliates for purposes of marketing or market research.

NON-AFFILIATES

Nonaffiliated third parties are those not part of the family of companies controlled by Metropolitan Title Company or not under common control with another company.

Service Providers, Contractors

Any service providers or contractors used by Metropolitan Title Company are required to follow the terms of our Privacy Policy. Access to your nonpublic personal information by a service provider or contractor is restricted to the purpose for which they have been retained by Metropolitan Title Company .

Joint Marketing

We may disclose your personal information to a nonaffiliated third party that we have an agreement with to perform joint marketing of products or services that we feel may interest you.

Other Non-Affiliates

We also may disclose this information about our customers or former customers to the following types of nonaffiliated companies:

- Financial service providers such as companies engaged in banking, consumer finance, securities and insurance.
- Non-financial companies such as envelope stuffers and other fulfillment service providers.

METROPOLITAN TITLE COMPANY DOES NOT DISCLOSE ANY NONPUBLIC PERSONAL INFORMATION ABOUT THEIR CUSTOMERS OR FORMER CUSTOMERS EXCEPT, AS PERMITTED OR REQUIRED BY LAW.

The Confidentiality and Security of Your Nonpublic Personal Information

Metropolitan Title Company restricts the access to your nonpublic personal information to those employees who need to know the information in order to provide products and/or services to you. Our employees are required to maintain the confidentiality and privacy of our customers. We maintain physical, electronic and procedural safeguards that comply with federal regulations to guard your nonpublic personal information.

Changes to this policy

We may amend this policy at any time, and we will inform you of any changes as required by law.

Your Privacy Choices

The law allows us to share with our affiliates your personal information and information about our transactions or experiences with you. The law also allows us to share your personal information with our contractors and service providers.

If you prefer that we not disclose information about you to nonaffiliated third parties, you may direct us not to share this information by calling the Corporate Office at 1-800-848-5375 or by writing to us at 622 East Grand River, Howell, Michigan 48843. Please provide your name, address including city and state of the property and our file number.

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APPENDIX C

RECONNAISSANCE PHOTOGRAPHS

PHOTOGRAPH NO. 1:SUBJECT PROPERTY
AS VIEWED FACING EAST

PHOTOGRAPH NO. 2: ***SUBJECT PROPERTY***
AS VIEWED FACING SOUTH

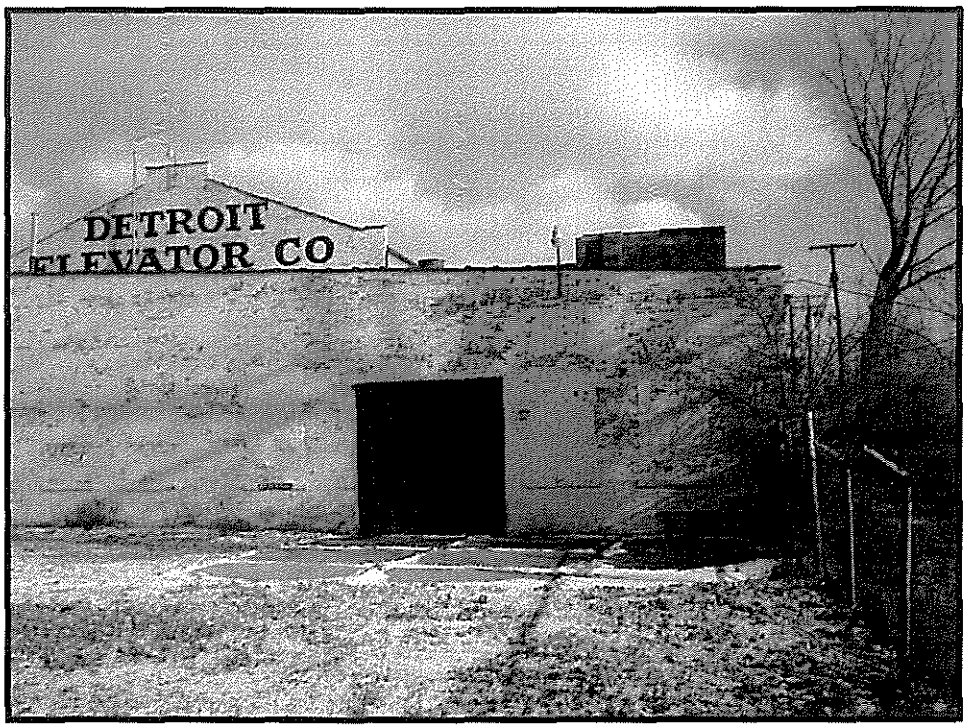
AKTPEERLESS
environmental services

RECONNAISSANCE PHOTOGRAPHS

DWCPA - DETROIT ELEVATOR BUILDING
1938 FRANKLIN STREET
DETROIT, MICHIGAN

TAKEN BY: T. MCGAHEY
DATE: 12/5/2006

PROJECT NUMBER: 5324D-1-17



PHOTOGRAPH NO. 3: ***SUBJECT PROPERTY***
AS VIEWED FACING EAST

PHOTOGRAPH NO. 4: ***SUBJECT PROPERTY***
APPROXIMATE LOCATION OF FORMER AST

AKTPEERLESS
environmental services

RECONNAISSANCE PHOTOGRAPHS

DWCPA - DETROIT ELEVATOR BUILDING
1938 FRANKLIN STREET
DETROIT, MICHIGAN

TAKEN BY: T. MCGAHEY
DATE: 12/5/2006

PROJECT NUMBER: 5324D-1-17

PHOTOGRAPH NO. 5: ***SUBJECT PROPERTY***
PUBLIC ALLEY – FACING EAST

PHOTOGRAPH NO. 6: ***SUBJECT PROPERTY***
SUSPICIOUS MANHOLE COVER

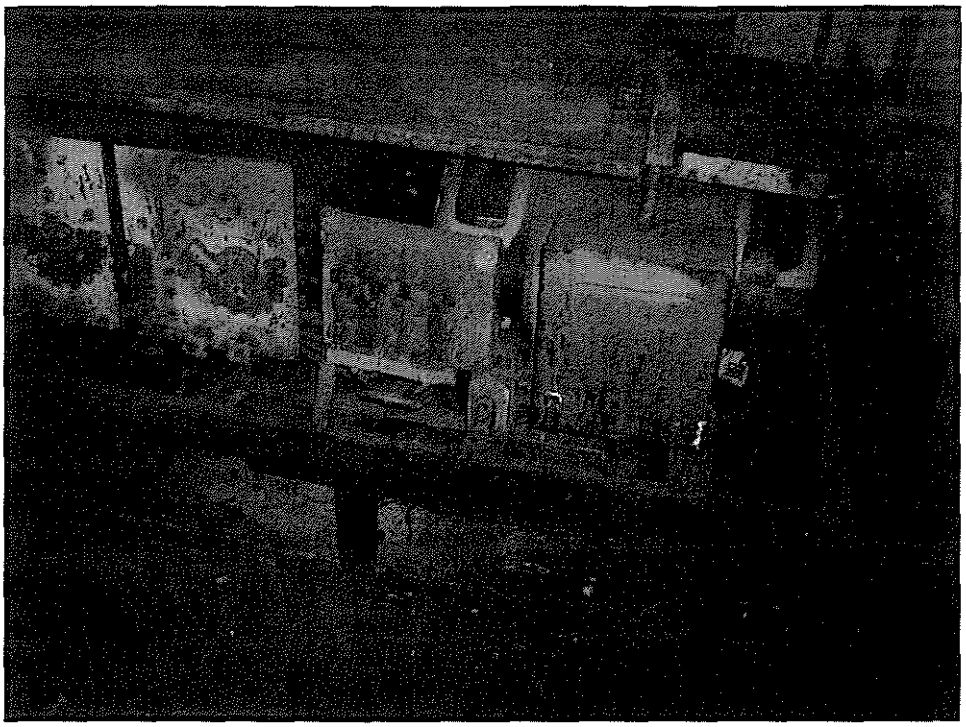
AKTPEERLESS
environmental services

RECONNAISSANCE PHOTOGRAPHS

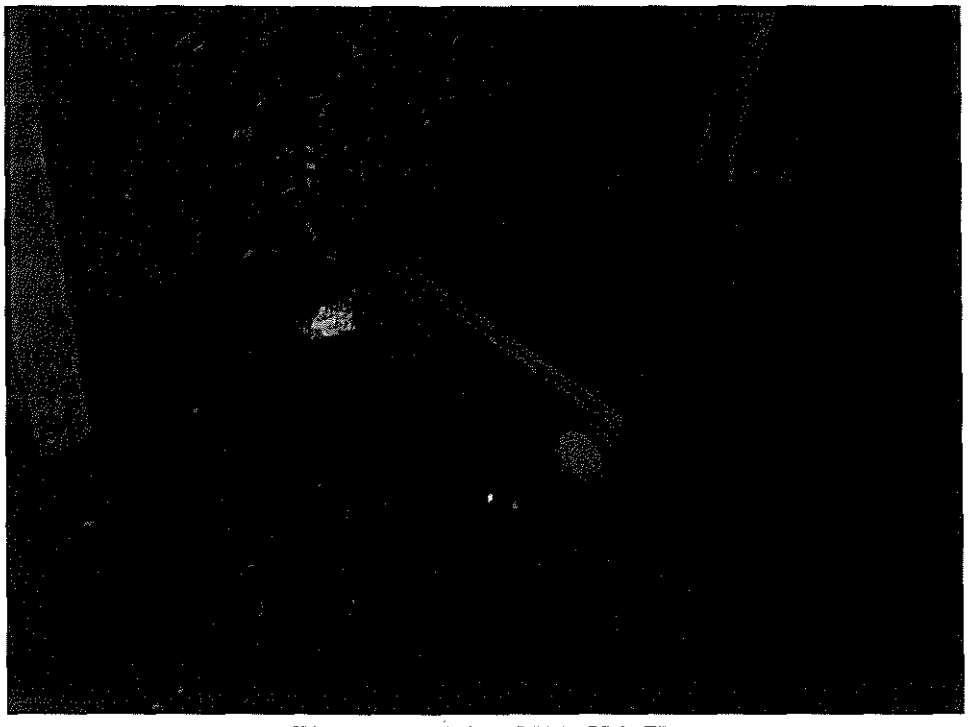
DWCPA - DETROIT ELEVATOR BUILDING
1938 FRANKLIN STREET
DETROIT, MICHIGAN

TAKEN BY: T. MCGAHEY
DATE: 12/5/2006

PROJECT NUMBER: 5324D-1-17



*PHOTOGRAPH NO. 7: **SUBJECT PROPERTY***
OLD ELECTRICAL EQUIPMENT



*PHOTOGRAPH NO. 8: **SUBJECT PROPERTY***
HYDRAULIC ELEVATOR

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environmental services

APPENDIX D

STANDARD ENVIRONMENTAL RECORD DATABASE REPORT

The EDR Radius Map
with GeoCheck®

5324d-1-17
1938 Franklin Street
Detroit, MI 48207

Inquiry Number: 1824822.2s

December 27, 2006

EDR® Environmental
Data Resources Inc

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

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Detail Map	3
Map Findings Summary	4
Map Findings	6
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GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
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Physical Setting Source Records Searched	A-11

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

1938 FRANKLIN STREET
DETROIT, MI 48207

COORDINATES

Latitude (North):	42.334700 - 42' 20' 4.9"
Longitude (West):	83.026600 - 83' 1' 35.8"
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	333036.3
UTM Y (Meters):	4688713.5
Elevation:	583 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	42083-C1 DETROIT, MI
Most Recent Revision:	1980

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

FEDERAL RECORDS

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
Delisted NPL..... National Priority List Deletions
NPL RECOVERY..... Federal Superfund Liens
CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP..... CERCLIS No Further Remedial Action Planned
CORRACTS..... Corrective Action Report
RCRA-TSDF..... Resource Conservation and Recovery Act Information
RCRA-LQG..... Resource Conservation and Recovery Act Information

EXECUTIVE SUMMARY

ERNS..... Emergency Response Notification System
HMIRS..... Hazardous Materials Information Reporting System
US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites
US BROWNFIELDS..... A Listing of Brownfields Sites
CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
UMTRA..... Uranium Mill Tailings Sites
ODI..... Open Dump Inventory
TRIS..... Toxic Chemical Release Inventory System
TSCA..... Toxic Substances Control Act
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
SSTS..... Section 7 Tracking Systems
ICIS..... Integrated Compliance Information System
PADS..... PCB Activity Database System
MLTS..... Material Licensing Tracking System
MINES..... Mines Master Index File
FINDS..... Facility Index System/Facility Registry System
RAATS..... RCRA Administrative Action Tracking System

STATE AND LOCAL RECORDS

DEL SHWS..... Delisted List of Contaminated Sites
SWF/LF..... Solid Waste Facilities Database
HIST LF..... Inactive Solid Waste Facilities
PEAS..... Pollution Emergency Alerting System
AUL..... Engineering and Institutional Controls
DRYCLEANERS..... Drycleaning Establishments
BROWNFIELDS..... Brownfields and USTfield Site Database
NPDES..... List of Active NPDES Permits
AIRS..... Permit and Emissions Inventory Data

TRIBAL RECORDS

INDIAN RESERV..... Indian Reservations
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land
INDIAN UST..... Underground Storage Tanks on Indian Land

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

FEDERAL RECORDS

RCRAInfo: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). The database includes selective information on sites which generate, transport, store , treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-SQG list, as provided by EDR, and dated 06/13/2006 has revealed that there are 17 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
HAYES FILE CO	***1986 FRANKLIN ST***	***0 - 1/8 NE***	***A1***	***6***
HAYES FILE CO	2000 FRANKLIN	0 - 1/8 NE	A2	6
TECHNICOM GROUP THE	***1940 WOODBRIDGE***	***0 - 1/8 N***	***3***	***6***
INTERNATIONAL METAL PROD INC	***2130 FRANKLIN***	***0 - 1/8 NE***	***9***	***9***
MOBIL OIL CORP	***2010 E JEFFERSON***	***0 - 1/8 N***	***C11***	***10***
RIVERSIDE FORD INC	***1833 E JEFFERSON***	***0 - 1/8 NW***	***14***	***14***
JEFFERSON CHEVROLET	***2130 JEFFERSON***	***1/8 - 1/4 NNE***	***G27***	***25***
SEYMOUR CADILLAC	***1522 WOODBRIDGE***	***1/8 - 1/4 WSW***	***33***	***29***
RIVERSIDE FORD TRUCK DEPT	***1555 E JEFFERSON***	***1/8 - 1/4 W***	***34***	***29***
WOLVERINE TOOL	***1480 WOODBRIDGE***	***1/8 - 1/4 WSW***	***37***	***30***
JEFFERSON CHEVROLET BODY SHOP	***2200 E JEFFERSON AVE***	***1/8 - 1/4 NNE***	***K40***	***31***
CRAIN COMMUNICATIONS INC	1400 WOODBRIDGE AVE	1/8 - 1/4 WSW	42	32

Lower Elevation	Address	Dist / Dir	Map ID	Page
CONTAINER MARINE TERM CNSLDTD	***1930 ATWATER***	***0 - 1/8 SE***	***4***	***7***
ST AUBIN PARK MARINA	***1900 ATWATER***	***0 - 1/8 SSE***	***6***	***8***
LAFARGE CORPORATION	***1500 E ATWATER ST***	***1/8 - 1/4 SSW***	***D19***	***19***
INLAND LAKES MANAGEMENT AT LAF	1500 E ATWATER ST	1/8 - 1/4 SSW	D20	21
CEMEX INC	***2122 E ATWATER ST***	***1/8 - 1/4 ESE***	***F24***	***24***

STATE AND LOCAL RECORDS

SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Environmental Quality's' Contaminated Sites List on Diskette With Address.

A review of the SHWS list, as provided by EDR, and dated 08/16/2006 has revealed that there is 1 SHWS site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
A.T. WAGNER PROPERTY	2720 WIGHT STREET	1/4 - 1/2 ENE	M50	37
Facility Status: Inactive - no actions taken to address contamination				

EXECUTIVE SUMMARY

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Environmental Quality's Leaking Underground Storage Tank (LUST) Database.

A review of the LUST list, as provided by EDR, and dated 09/13/2006 has revealed that there are 15 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
MOBIL Facility Status: Open Facility Status: Open	***2010 E JEFFERSON***	***0 - 1/8 N***	***C12***	***10***
RIVERSIDE FORD INC Facility Status: Open Facility Status: Closed	***1833 E JEFFERSON***	***0 - 1/8 NW***	***14***	***14***
JEFFERSON CHEVROLET Facility Status: Open	***2130 JEFFERSON***	***1/8 - 1/4 NNE***	***G27***	***25***
CRAIN COMMUNICATIONS INC Facility Status: Closed	***1370 FRANKLIN ST***	***1/4 - 1/2 WSW***	***46***	***34***
ABANDONED BLDG (DEMOLISHED) Facility Status: Closed	2700 FRANKLIN	1/4 - 1/2 ENE	51	37
SHELL SERVICE STATION Facility Status: Open Facility Status: Closed	***2600 E JEFFERSON***	***1/4 - 1/2 NE***	***N53***	***38***
VACANT PROPERTY Facility Status: Closed Facility Status: Closed	***2661 E JEFFERSON***	***1/4 - 1/2 NE***	***N56***	***42***
COMERICA INC Facility Status: Closed	***2700 E JEFFERSON***	***1/4 - 1/2 NE***	***P57***	***45***

Lower Elevation	Address	Dist / Dir	Map ID	Page
GLOBE TRADING BUILDING PROPERT Facility Status: Open	***1801 EAST ATWATER STREE***	***0 - 1/8 SSW***	***D16***	***18***
LAFARGE CORPORATION Facility Status: Open	***1500 E ATWATER ST***	***1/8 - 1/4 SSW***	***D19***	***19***
MEDUSA CEMENT CO Facility Status: Open	***2122 ATWATER ST***	***1/8 - 1/4 ESE***	***F23***	***23***
KOENIG CONCRETE Facility Status: Closed Facility Status: Open	***1470 ATWATER ST***	***1/8 - 1/4 SSW***	***31***	***27***
AMBASSADOR STEEL CO Facility Status: Open	***1469 ATWATER ST***	***1/8 - 1/4 SW***	***43***	***32***
REN-CEN SERVICE GARAGE Facility Status: Closed Facility Status: Closed	***901 ATWATER ST***	***1/4 - 1/2 SW***	***60***	***46***
PARKER MAJESTIC PROPERTY Facility Status: Closed	***147 JOSEPH CAMPAU***	***1/4 - 1/2 ENE***	***61***	***49***

EXECUTIVE SUMMARY

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Quality's Michigan UST database.

A review of the UST list, as provided by EDR, and dated 09/13/2006 has revealed that there are 7 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
MOBIL	***2010 E JEFFERSON***	***0 - 1/8 N***	***C12***	***10***
RIVERSIDE FORD INC	***1833 E JEFFERSON***	***0 - 1/8 NW***	***14***	***14***
JEFFERSON CHEVROLET	***2130 JEFFERSON***	***1/8 - 1/4 NNE***	***G27***	***25***

Lower Elevation	Address	Dist / Dir	Map ID	Page
LAFARGE CORPORATION	***1500 E ATWATER ST***	***1/8 - 1/4 SSW***	***D19***	***19***
MEDUSA CEMENT CO	***2122 ATWATER ST***	***1/8 - 1/4 ESE***	***F23***	***23***
KOENIG CONCRETE	***1470 ATWATER ST***	***1/8 - 1/4 SSW***	***31***	***27***
AMBASSADOR STEEL CO	***1469 ATWATER ST***	***1/8 - 1/4 SW***	***43***	***32***

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Natural Resources' Michigan AST database.

A review of the AST list, as provided by EDR, and dated 09/18/2006 has revealed that there is 1 AST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
MOBIL OIL	2010 E JEFFERSON AVE	0 - 1/8 N	C10	9

BEA: Baseline Environmental Assessment.

A review of the BEA list, as provided by EDR, and dated 09/14/2006 has revealed that there are 14 BEA sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
Not reported	240 ORLEANS, 1939 1990	0 - 1/8 SW	5	8
EMANUEL STEWARD'S PLACE (FORME	1940 E. JEFFERSON AVENU	0 - 1/8 NNW	B7	8
A.T. WAGNER BUILDING	2720 WIGHT STREET	1/4 - 1/2 ENE	M49	36
2748 FRANKLIN AVENUE	2748 FRANKLIN AVENUE	1/4 - 1/2 ENE	O54	41
WARD 11 ITEM 0000048-57 LOTS 1	2748 FRANKLIN STREET	1/4 - 1/2 ENE	O55	42
US REAL ESTATE LIMITED PARTNER	2730 EAST JEFFERSON AVE	1/4 - 1/2 NE	P58	45
Not reported	965 E. JEFFERSON AVE	1/4 - 1/2 WSW	59	46

Lower Elevation	Address	Dist / Dir	Map ID	Page
Not reported	1801 E. ATWATER	0 - 1/8 SSW	D15	17
GLOBE TRADING BUILDING PROPERT	***1801 EAST ATWATER STREE***	***0 - 1/8 SSW***	***D16***	***18***
LAFARGE CORPORATION	***1500 E ATWATER ST***	***1/8 - 1/4 SSW***	***D19***	***19***
CITY OF DETROIT	2111 EAST ATWATER ST	1/8 - 1/4 ESE	F22	23
CITY OF DETROIT	2122 EAST ATWATER ST	1/8 - 1/4 ESE	F25	25
THE STROH COMPANIES INC	***210 CHENE***	***1/4 - 1/2 E***	***48***	***35***
Not reported	2652 E. ATWATER ST.	1/4 - 1/2 ENE	52	38

EXECUTIVE SUMMARY

EDR PROPRIETARY RECORDS

EDR Manufactured Gas Plants: The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

A review of the Manufactured Gas Plants list, as provided by EDR, has revealed that there is 1 Manufactured Gas Plants site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
DETROIT GAS CO- CHENE STREET S	FRANKLIN AND CHENE	1/4 - 1/2 ENE	47	35

EDR Historical Auto Stations: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

A review of the EDR Historical Auto Stations list, as provided by EDR, has revealed that there are 15 EDR Historical Auto Stations sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
BELTER WM H	1931 E JEFFERSON AVE	0 - 1/8 NW	B8	9
OSBORNE TOM SERVICE	2010 E JEFFERSON AVE	0 - 1/8 N	C13	14
STAUBIN-LARNED GARAGE	432 SAINT AUBIN AVE	1/8 - 1/4 NNE	E17	18
STAUBIN-LARNED GARAGE	434 SAINT AUBIN AVE	1/8 - 1/4 NNE	E18	19
JEFFERSON ST AUBIN SHELL SERVI	2100 E JEFFERSON	1/8 - 1/4 N	E21	23
JEFFERSON CHEVROLET CO	2130 E JEFFERSON AVE	1/8 - 1/4 NNE	G26	25
MORRIS AND WALKER	1932 E LARNED	1/8 - 1/4 NNW	H28	27
BROOKER JOHN W	1930 LARNED E	1/8 - 1/4 NNW	H29	27
WEIGLE GARAGE	1836 LARNED E	1/8 - 1/4 NW	30	27
NOBLE MARION	2000 E LARNED	1/8 - 1/4 N	I32	29
WILLIAMS HARRY	1827 E LARNED	1/8 - 1/4 NW	J35	30
SOMERSET GARAGE	1921 E LARNED	1/8 - 1/4 N	I36	30
MODERN SALES AND SERVICE CO AU	2200 E JEFFERSON AVE	1/8 - 1/4 NNE	K41	32
PASADENA GARAGE	2122 E LARNED	1/8 - 1/4 NNE	L44	34
RENO WM L	2122 LARNED E	1/8 - 1/4 NNE	L45	34

EDR Historical Cleaners: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

A review of the EDR Historical Cleaners list, as provided by EDR, has revealed that there are 2 EDR

EXECUTIVE SUMMARY

Historical Cleaners sites within approximately 0.25 miles of the target property.

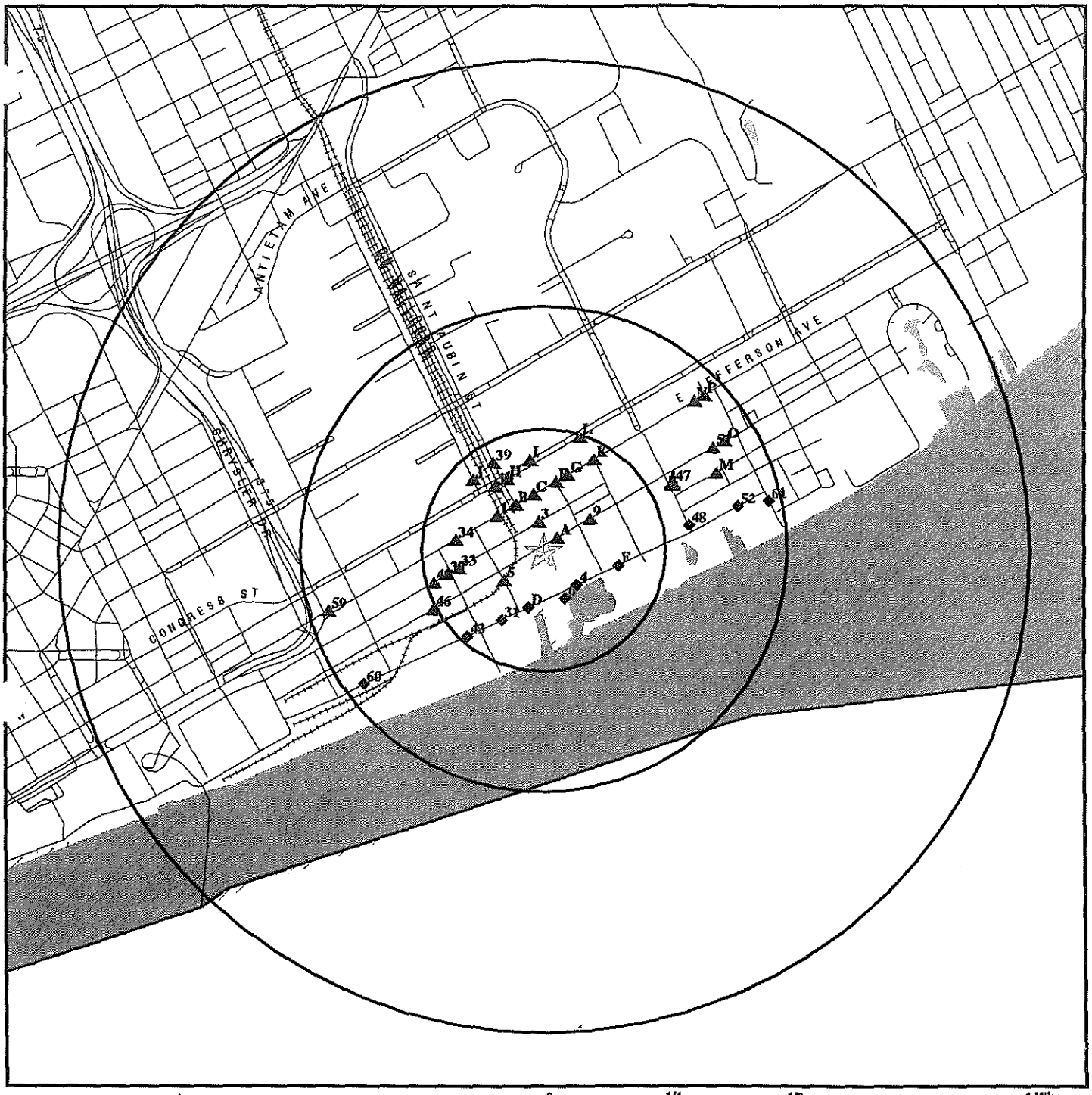
Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
LIBBOS BESSURS	543 ORLEANS	1/8 - 1/4 NW	J38	31
ECONOMY CLEANERS AND DYERS	534 SAINT AUBIN AVE	1/8 - 1/4 NNW	39	31

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
ST. ANNE'S GATE PROPERTIES	SHWS, DEL SHWS
FEDERAL MARINE TERM PROP	CERC-NFRAP
SHELL RETAIL GASOLINE STATION	AUL
FREE PRESS GARAGE	LUST, UST
DETROIT RIVERFRONT CONSERVANCY	RCRA-SQG
DEQUINDRE RAIL LINE	BEA
14100 - 14140 E JEFFERSON	BEA
1340, 1350, 1420, 1440 E. ATWA	BEA
1574 E. JEFFERSON; 1578, 1520, 158	BEA
3000 ASSOCIATES LLC	BEA
542 - 546 E. LARNED	BEA
1461, 1399 AND 1325 E. ATWATER	BEA
1560 AND 1538 FRANKLIN	BEA
CITY OF DETROIT	BEA
ST AUBIN PARK AND MARINA	BEA
1561 E. ATWATER	BEA
AMMORI INVESTMENTS, INC.	BEA
(FORMER) BLAIN HOSPITAL	BEA
0.349 ACRE RIVERWALK EASEMENT PROP	BEA
HEALTH PLAN OF MICHIGAN INC.	BEA

OVERVIEW MAP - 1824822.2s



☆ Target Property

▲ Sites at elevations higher than or equal to the target property

◆ Sites at elevations lower than the target property

♟ Manufactured Gas Plants

National Priority List Sites

Landfill Sites

Dept. Defense Sites

0 1/4 1/2 1 Miles

Indian Reservations BIA

County Boundary

Oil & Gas pipelines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 5324d-1-17 ADDRESS: 1938 Franklin Street Detroit MI 48207 LAT/LONG: 42.3347 / 83.0266	CLIENT: AKT Environmental Consultants CONTACT: Tim McGahey INQUIRY #: 1824822.2s DATE: December 27, 2006 2:15 pm

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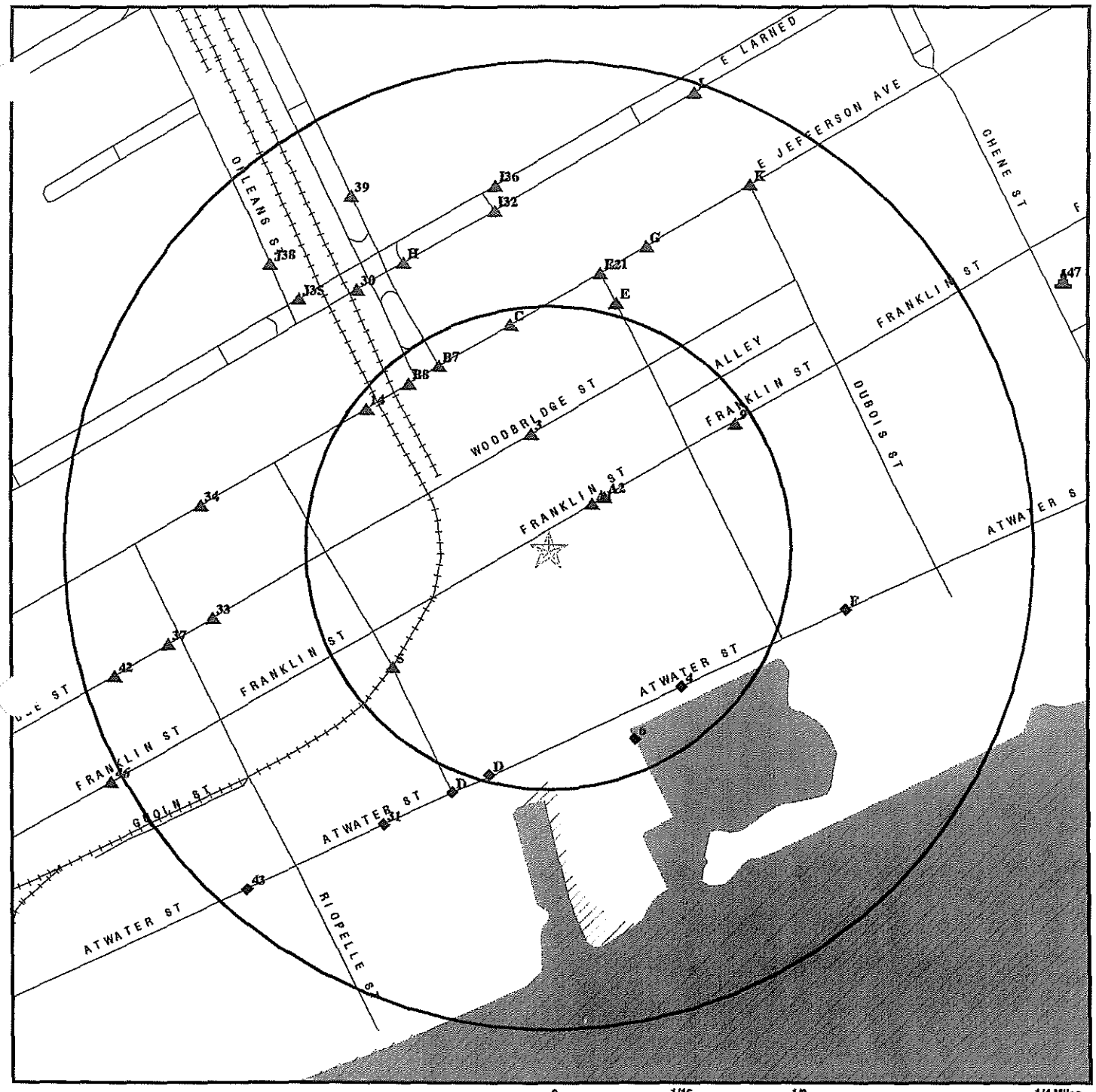
DETAIL MAP - 1824822.2s



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Landfill Sites

Dept. Defense Sites

Indian Reservations BIA

Oil & Gas pipelines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

0 1/16 1/8 1/4 Miles

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 5324d-1-17 ADDRESS: 1938 Franklin Street Detroit MI 48207 LAT/LONG: 42.3347 / 83.0266	CLIENT: AKT Environmental Consultants CONTACT: Tim McGahey INQUIRY #: 1824822.2s DATE: December 27, 2006 2:15 pm

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MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FEDERAL RECORDS								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
NPL RECOVERY		TP	NR	NR	NR	NR	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.500	0	0	0	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRA TSD		0.500	0	0	0	NR	NR	0
RCRA Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRA Sm. Quan. Gen.		0.250	8	9	NR	NR	NR	17
ERNS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
STATE AND LOCAL RECORDS								
State Haz. Waste		1.000	0	0	1	0	NR	1
DEL SHWS		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
HIST LF		0.500	0	0	0	NR	NR	0
LUST		0.500	3	5	7	NR	NR	15
UST		0.250	2	5	NR	NR	NR	7
AST		0.250	1	0	NR	NR	NR	1
PEAS		TP	NR	NR	NR	NR	NR	0
AUL		0.500	0	0	0	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
BROWNFIELDS		0.500	0	0	0	NR	NR	0
NPDES		TP	NR	NR	NR	NR	NR	0
AIRS		TP	NR	NR	NR	NR	NR	0
BEA		0.500	4	3	7	NR	NR	14

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
TRIBAL RECORDS								
INDIAN RESERV		1.000	0	0	0	0	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
EDR PROPRIETARY RECORDS								
Manufactured Gas Plants		1.000	0	0	1	0	NR	1
EDR Historical Auto Stations		0.250	2	13	NR	NR	NR	15
EDR Historical Cleaners		0.250	0	2	NR	NR	NR	2

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID Direction Distance Distance (ft.) Elevation	Site	Database(s)	EDR ID Number EPA ID Number
A1 **NE** **< 1/8** **172 ft.**	**HAYES FILE CO** **1986 FRANKLIN ST** **DETROIT, MI 48207**	**RCRA-SQG** **FINDS**	**1000220896** **MID005318092**

Site 1 of 2 in cluster A

Relative:
Higher

Actual:
584 ft.

RCRAInfo:

Owner: HAYES FILE COMPANY
EPA ID: MID005318092

Contact: M HAYES
(312) 555-1212

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

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A2 **NE** **< 1/8** **209 ft.**	**HAYES FILE CO** **2000 FRANKLIN** **DETROIT, MI 48207**	**RCRA-SQG**	**1008373357** **MIK138834775**

Site 2 of 2 in cluster A

Relative:
Higher

Actual:
584 ft.

RCRAInfo:

Owner: MIRVAN HAYES
EPA ID: MIK138834775

Contact: MIRVAN HAYES
(313) 259-3333

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

---

3 **North** **< 1/8** **319 ft.**	**TECHNICOM GROUP THE** **1940 WOODBRIDGE** **DETROIT, MI 48207**	**RCRA-SQG** **FINDS**	**1001202460** **MIR000026971**

Relative:
Higher

Actual:
591 ft.

TECHNICOM GROUP THE (Continued) **1001202460**

RCRAInfo:
Contact: MICHAEL LEONARD
(313) 259-8270

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

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4
SE
< 1/8
522 ft.

CONTAINER MARINE TERM CNSLDTD DOCK INC
1930 ATWATER
DETROIT, MI 48207

RCRA-SQG **1000395801**
FINDS **MID005538657**

Relative:
Lower

Actual:
581 ft.

RCRAInfo:
Owner: CONTAINER MARINE TERM CONSOLIDATED DOCK
EPA ID: MID005538657

Contact: DAN HERRERA
(313) 259-2060

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

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Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
5		**BEA**	**S105768265**
SW	**240 ORLEANS, 1939 1990 AND 1999 GUION**		**N/A**
< 1/8	**DETROIT, MI**		
533 ft.			

Relative: **Equal**

Actual: **583 ft.**

BEA:

Secondary Address:	Not reported
BEA Number:	1516
District:	Southeast MI
Date Received:	2001-10-15 00:59:00
Submitter Name:	Ecomonic Development Corp
Petition Determination:	No Request
Petition Disclosure:	0
Category:	No Hazardous Substance(s)
Determination 20107A:	No Request
Reviewer:	novake
Division Assigned:	Environmental Response Division

6	**ST AUBIN PARK MARINA**	**RCRA-SQG**	**1000159780**
SSE	**1900 ATWATER**	**FINDS**	**MID985566744**
< 1/8	**DETROIT, MI 48226**		
570 ft.			

Relative: **Lower**

Actual: **580 ft.**

RCRAInfo:

Owner:	DETROIT BUILDING AUTH
EPA ID:	MID985566744
Contact:	JOHN WICKEY (313) 224-3957
Classification:	Small Quantity Generator
TSDF Activities:	Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

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B7	**EMANUEL STEWARD'S PLACE (FORMER)**	**BEA**	**S104911356**
NNW	**1940 E. JEFFERSON AVENUE**		**N/A**
< 1/8	**DETROIT, MI 48207**		
581 ft.			

Site 1 of 2 in cluster B

Relative: **Higher**

Actual: **595 ft.**

BEA:

Secondary Address:	Not reported
BEA Number:	439
District:	Southeast MI
Date Received:	1997-09-18 00:00:00
Submitter Name:	1940 ASSOCIATES, LLC

EMANUEL STEWARD'S PLACE (FORMER) (Continued) **S104911356**

Petition Determination: Affirmed
Petition Disclosure: 1
Category: No Hazardous Substance(s)
Determination 20107A: Pending
Reviewer: russelje
Division Assigned: Environmental Response Division

B8
NW
< 1/8
589 ft.

BELTER WM H **EDR Historical Auto Stations** **1009488841**
1931 E JEFFERSON AVE **N/A**
DETROIT, MI

Site 2 of 2 in cluster B

Relative: Higher

Actual: 593 ft.

EDR Historical Auto Stations:
Name: BELTER WM H
Year: 1964
Type: GASOLINE STATIONS

9
NE
< 1/8
612 ft.

INTERNATIONAL METAL PROD INC **RCRA-SQG** **1000191868**
2130 FRANKLIN **FINDS** **MID982425084**
DETROIT, MI 48207

Relative: Higher

Actual: 585 ft.

RCRAInfo:
Contact: MARK DAVIS
(313) 259-6200

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

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C10
North
< 1/8
619 ft.

MOBIL OIL **AST** **A100269360**
2010 E JEFFERSON AVE **N/A**
DETROIT, MI 48207

Site 1 of 4 in cluster C

Relative: Higher

Actual: 594 ft.

AST:
Type: ACTIVE
Owner Name: Detroit Edison Co
Owner Address: 7940 Livernois WSC Rm H-136
Owner City,St,Zip: Detroit, MI 48210

MOBIL OIL (Continued) **A100269360**

Owner County: USA
Owner Contact: [redacted]
Owner Telephone: [redacted]
Facility ID: 93082573
District: SE Michigan District Office
Contact: LINDA JOHNSON
Facility Phone: (313) 567-8192
Tank ID: 1
Tank Status: Currently In Use
Capacity: 10500
Install Date: Apr 30 1996
Content: CNG
Close Date: Not reported

C11 **MOBIL OIL CORP** **RCRA-SQG** **1000528635**
North **2010 E JEFFERSON** **FINDS** **MID985610542**
< 1/8 **DETROIT, MI 48206**
619 ft.

Site 2 of 4 in cluster C

Relative: Higher

Actual: 594 ft.

RCRAInfo:
Owner: MOBIL OIL CORP
EPA ID: MID985610542
Contact: JOHN HOOVER
(303) 968-8011
Classification: Conditionally Exempt Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

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C12 **MOBIL** **LUST** **U003426025**
North **2010 E JEFFERSON** **UST** **N/A**
< 1/8 **DETROIT, MI 48207**
619 ft.

Site 3 of 4 in cluster C

Relative: Higher

Actual: 594 ft.

LUST:
Facility Status: **Open**
Facility ID: 00016622
Owner Name: Michigan Fuel Retail Operation
Owner Address: 2010 E Jefferson
Owner City,St,Zip: Detroit, MI 48207
Country: USA

MOBIL (Continued) **U003426025**

Owner Contact:	Not reported
Owner Phone:	(248) 388-8072
District:	SE Michigan District Office
Leak Number:	C-0102-95
Release Date:	Feb 23 1995
Site Name:	Mobil Station #03-G91
Substance Released:	Gasoline,Unknown
Closed Date:	Not reported
Facility Status:	**Open**
Facility ID:	00016622
Owner Name:	Michigan Fuel Retail Operation
Owner Address:	2010 E Jefferson
Owner City,St,Zip:	Detroit, MI 48207
Country:	USA
Owner Contact:	Not reported
Owner Phone:	(248) 388-8072
District:	SE Michigan District Office
Leak Number:	C-0698-91
Release Date:	Apr 26 1991
Site Name:	Mobil Station #03-G91
Substance Released:	Not reported
Closed Date:	Not reported
Facility Status:	**Open**
Facility ID:	00016622
Owner Name:	Michigan Fuel Retail Operation
Owner Address:	2010 E Jefferson
Owner City,St,Zip:	Detroit, MI 48207
Country:	USA
Owner Contact:	Not reported
Owner Phone:	(248) 388-8072
District:	SE Michigan District Office
Leak Number:	C-2774-90
Release Date:	Dec 21 1989
Site Name:	Mobil Station #03-G91
Substance Released:	Not reported
Closed Date:	Not reported
Facility Status:	**Open**
Facility ID:	00016622
Owner Name:	Michigan Fuel Retail Operation
Owner Address:	2010 E Jefferson
Owner City,St,Zip:	Detroit, MI 48207
Country:	USA
Owner Contact:	Not reported
Owner Phone:	(248) 388-8072
District:	SE Michigan District Office
Leak Number:	C-0568-91
Release Date:	Apr 3 1991
Site Name:	Mobil Station #03-G91
Substance Released:	Not reported
Closed Date:	Not reported
Facility Status:	**Open**
Facility ID:	00016622
Owner Name:	Michigan Fuel Retail Operation
Owner Address:	2010 E Jefferson
Owner City,St,Zip:	Detroit, MI 48207
Country:	USA
Owner Contact:	Not reported

MOBIL (Continued) **U003426025**

Owner Phone: (248) 388-8072
District: SE Michigan District Office
Leak Number: C-0265-01
Release Date: May 10 2001
Site Name: Mobil Station #03-G91
Substance Released: Gasoline,Unknown
Closed Date: Not reported

UST:
Owner Name: Michigan Fuel Retail Operation
Owner Address: 2010 E Jefferson
Owner City,St,Zip: Detroit, MI 48207
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (248) 388-8072
Facility ID: 00016622
Contact: Scott Jowers
Contact Phone: (248) 388-8072
Tank ID: 5
Tank Status: Currently In Use
Capacity: 20000
Install Date: May 27 2005
Product: Gasoline
Remove Date: Not reported
Tank Release Detection: Tank Tightness Testing, Automatic Tank Gauging, Interstitial Monitoring Double Walled Tank
Pipe Realease Detection: Automatic Line Leak Detectors, Interstitial Monitoring/Second Containment
Piping Material: Double Walled
Piping Type: Pressure
Constr Material: Double Walled
Impressed Device: No

Owner Name: Michigan Fuel Retail Operation
Owner Address: 2010 E Jefferson
Owner City,St,Zip: Detroit, MI 48207
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (248) 388-8072
Facility ID: 00016622
Contact: Scott Jowers
Contact Phone: (248) 388-8072
Tank ID: 6
Tank Status: Currently In Use
Capacity: 12000
Install Date: May 27 2005
Product: Gasoline, Diesel
Remove Date: Not reported
Tank Release Detection: Tank Tightness Testing, Automatic Tank Gauging, Interstitial Monitoring Double Walled Tank
Pipe Realease Detection: Automatic Line Leak Detectors, Interstitial Monitoring Double Walled Piping
Piping Material: Double Walled
Piping Type: Pressure
Constr Material: Double Walled
Impressed Device: No

Owner Name: Michigan Fuel Retail Operation
Owner Address: 2010 E Jefferson
Owner City,St,Zip: Detroit, MI 48207
Owner Country: USA
Owner Contact: Not reported

MOBIL (Continued) **U003426025**

Owner Phone:	(248) 388-8072
Facility ID:	00016622
Contact:	Scott Jowers
Contact Phone:	(248) 388-8072
Tank ID:	4
Tank Status:	**Removed from Ground**
Capacity:	1000
Install Date:	Not reported
Product:	Gasoline
Remove Date:	Dec 22 1990
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Fiberglass Reinforced Plastic
Piping Type:	Pressure, Pressure
Constr Material:	Fiberglass Reinforced Plastic
Impressed Device:	No

Owner Name:	Michigan Fuel Retail Operation
Owner Address:	2010 E Jefferson
Owner City,St,Zip:	Detroit, MI 48207
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	(248) 388-8072
Facility ID:	00016622
Contact:	Scott Jowers
Contact Phone:	(248) 388-8072
Tank ID:	1
Tank Status:	**Removed from Ground**
Capacity:	12000
Install Date:	Jun 1 1980
Product:	Gasoline
Remove Date:	May 13 2005
Tank Release Detection:	Automatic Tank Gauging
Pipe Realease Detection:	Not reported
Piping Material:	Fiberglass reinforced plastic
Piping Type:	Pressure
Constr Material:	Fiberglass Reinforced plastic
Impressed Device:	No

Owner Name:	Michigan Fuel Retail Operation
Owner Address:	2010 E Jefferson
Owner City,St,Zip:	Detroit, MI 48207
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	(248) 388-8072
Facility ID:	00016622
Contact:	Scott Jowers
Contact Phone:	(248) 388-8072
Tank ID:	2
Tank Status:	**Removed from Ground**
Capacity:	8000
Install Date:	Jun 1 1980
Product:	Gasoline
Remove Date:	May 13 2005
Tank Release Detection:	Automatic Tank Gauging
Pipe Realease Detection:	Not reported
Piping Material:	Fiberglass reinforced plastic

MOBIL (Continued) **U003426025**

Piping Type:	Pressure
Constr Material:	Fiberglass Reinforced plastic
Impressed Device:	No

Owner Name:	Michigan Fuel Retail Operation
Owner Address:	2010 E Jefferson
Owner City,St,Zip:	Detroit, MI 48207
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	(248) 388-8072
Facility ID:	00016622
Contact:	Scott Jowers
Contact Phone:	(248) 388-8072
Tank ID:	3
Tank Status:	**Removed from Ground**
Capacity:	6000
Install Date:	Jun 1 1980
Product:	Gasoline
Remove Date:	May 13 2005
Tank Release Detection:	Automatic Tank Gauging
Pipe Realease Detection:	Not reported
Piping Material:	Fiberglass reinforced plastic
Piping Type:	Not reported
Constr Material:	Fiberglass Reinforced plastic
Impressed Device:	No

C13 **OSBORNE TOM SERVICE** **EDR Historical Auto Stations** **1009489086**
North **2010 E JEFFERSON AVE** **N/A**
< 1/8 **DETROIT, MI**
619 ft.

Site 4 of 4 in cluster C

Relative: Higher

EDR Historical Auto Stations:

Name:	OSBORNE TOM SERVICE
Year:	1964
Type:	GASOLINE STATIONS

Actual: 594 ft.

---

14 **RIVERSIDE FORD INC** **RCRA-SQG** **1000218204**
NW **1833 E JEFFERSON** **FINDS** **MID109195412**
< 1/8 **DETROIT, MI 48207** **LUST**
624 ft. **UST**

Relative: Higher

RCRAInfo:

Contact:	NELSON SHIPE (313) 567-0250
Classification:	Small Quantity Generator
TSDF Activities:	Not reported

Actual: 590 ft.

RIVERSIDE FORD INC (Continued) **1000218204**

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

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LUST:

Facility Status:	**Open**
Facility ID:	00010648
Owner Name:	[redacted]
Owner Address:	[redacted]
Owner City,St,Zip:	[redacted]
Country:	USA
Owner Contact:	Not reported
Owner Phone:	[redacted]
District:	SE Michigan District Office
Leak Number:	C-0483-03
Release Date:	Nov 2 2003
Site Name:	Maxey Ford
Substance Released:	Gasoline
Closed Date:	Not reported
Facility Status:	**Closed**
Facility ID:	00010648
Owner Name:	[redacted]
Owner Address:	[redacted]
Owner City,St,Zip:	[redacted]
Country:	USA
Owner Contact:	Not reported
Owner Phone:	[redacted]
District:	SE Michigan District Office
Leak Number:	C-1096-89
Release Date:	Dec 12 1989
Site Name:	Ford Riverside
Substance Released:	Not reported
Closed Date:	Jul 8 1994

UST:

Owner Name:	[redacted]
Owner Address:	[redacted]
Owner City,St,Zip:	[redacted]
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	[redacted]
Facility ID:	00010648
Contact:	Bud Reis
Contact Phone:	(313) 254-0690
Tank ID:	3
Tank Status:	**Removed from Ground**
Capacity:	550

RIVERSIDE FORD INC (Continued) **1000218204**

Install Date: Not reported
Product: UNKNOWN
Remove Date: Nov 11 1989
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Unknown
Piping Type: Not reported
Constr Material: Unknown
Impressed Device: No

Owner Name: [redacted]
Owner Address: [redacted]
Owner City,St,Zip: [redacted]
Owner Country: USA
Owner Contact: Not reported
Owner Phone: [redacted]
Facility ID: 00010648
Contact: Bud Reis
Contact Phone: (313) 254-0690
Tank ID: 1
Tank Status: Removed from Ground
Capacity: 300
Install Date: Not reported
Product: Used Oil
Remove Date: Oct 1 1985
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Constr Material: Unknown
Impressed Device: No

Owner Name: [redacted]
Owner Address: [redacted]
Owner City,St,Zip: [redacted]
Owner Country: USA
Owner Contact: Not reported
Owner Phone: [redacted]
Facility ID: 00010648
Contact: Bud Reis
Contact Phone: (313) 254-0690
Tank ID: 4
Tank Status: Removed from Ground
Capacity: 3000
Install Date: Not reported
Product: Gasoline
Remove Date: Oct 23 2003
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Unknown
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Owner Name: [redacted]
Owner Address: [redacted]
Owner City,St,Zip: [redacted]

RIVERSIDE FORD INC (Continued) **1000218204**

Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	[redacted]
Facility ID:	00010648
Contact:	Bud Reis
Contact Phone:	(313) 254-0690
Tank ID:	2
Tank Status:	**Removed from Ground**
Capacity:	550
Install Date:	Not reported
Product:	Not reported
Remove Date:	Nov 11 1989
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Unknown
Piping Type:	Not reported
Constr Material:	Unknown
Impressed Device:	No

Owner Name:	[redacted]
Owner Address:	[redacted]
Owner City,St,Zip:	[redacted]
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	[redacted]
Facility ID:	00010648
Contact:	Bud Reis
Contact Phone:	(313) 254-0690
Tank ID:	5
Tank Status:	**Removed from Ground**
Capacity:	12000
Install Date:	Not reported
Product:	Gasoline
Remove Date:	Oct 28 2003
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Unknown
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

D15 **BEA** **S105768145**
SSW **1801 E. ATWATER** **N/A**
< 1/8 **DETROIT, MI**
640 ft.

Site 1 of 4 in cluster D

Relative:
Lower

Actual:
579 ft.

BEA:

Secondary Address:	1901 E. Atwater
BEA Number:	1575
District:	Southeast MI
Date Received:	2001-12-17 00:59:00
Submitter Name:	City of Detroit
Petition Determination:	No Request
Petition Disclosure:	0
Category:	No Hazardous Substance(s)
Determination 20107A:	No Request
Reviewer:	novake

(Continued) **S105768145**

Division Assigned: Environmental Response Division

D16 SSW < 1/8 640 ft. | **GLOBE TRADING BUILDING PROPERTY** | **LUST** | **S103028806**
1801 EAST ATWATER STREET | **BEA** | **N/A**
DETROIT, MI 48207

Site 2 of 4 in cluster D

Relative: Lower

Actual: 579 ft.

LUST:

Facility Status:	**Open**
Facility ID:	50000028
Owner Name:	Nrt Owner
Owner Address:	Unknown
Owner City,St,Zip:	Unknown, MI 99999
Country:	USA
Owner Contact:	Not reported
Owner Phone:	Not reported
District:	SE Michigan District Office
Leak Number:	C-0107-98
Release Date:	Jan 1 1990
Site Name:	Globe Trading Company
Substance Released:	Unknown
Closed Date:	Not reported

BEA:

Secondary Address:	Not reported
BEA Number:	529
District:	Southeast MI
Date Received:	1998-02-03 00:00:00
Submitter Name:	GLOBE ASSOCIATES, L.L.C.
Petition Determination:	Affirmed
Petition Disclosure:	1
Category:	No Hazardous Substance(s)
Determination 20107A:	Pending
Reviewer:	temppm
Division Assigned:	Storage Tank Division

E17 NNE 1/8-1/4 692 ft. | **STAUBIN-LARNED GARAGE** | **EDR Historical Auto Stations** | **1009492150**
432 SAINT AUBIN AVE | **N/A**
DETROIT, MI

Site 1 of 3 in cluster E

Relative: Higher

Actual: 594 ft.

EDR Historical Auto Stations:

Name:	STAUBIN-LARNED GARAGE
Year:	1931
Type:	AUTOMOBILE GARAGES

E18 NNE 1/8-1/4 694 ft. — **STAUBIN-LARNED GARAGE**, **434 SAINT AUBIN AVE**, **DETROIT, MI** — **EDR Historical Auto Stations** — **1009492172** / **N/A**

Site 2 of 3 in cluster E

Relative: Higher

Actual: 594 ft.

EDR Historical Auto Stations:

Name:	STAUBIN-LARNED GARAGE
Year:	1935
Type:	AUTOMOBILE REPAIRING

D19 SSW 1/8-1/4 717 ft. — **LAFARGE CORPORATION**, **1500 E ATWATER ST**, **DETROIT, MI 48207** — **RCRA-SQG**, **FINDS**, **LUST**, **UST**, **BEA** — **1000155365** / **MID985581073**

Site 3 of 4 in cluster D

Relative: Lower

Actual: 579 ft.

RCRAInfo:

Owner:	LAFARGE CORP
EPA ID:	MID985581073
Contact:	MICHAEL CAMPBELL (313) 259-0660
Classification:	Conditionally Exempt Small Quantity Generator
TSDF Activities:	Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

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LAFARGE CORPORATION (Continued) **1000155365**

under RCRA.

LUST:

Facility Status:	**Open**
Facility ID:	00017604
Owner Name:	[redacted]
Owner Address:	[redacted]
Owner City,St,Zip:	[redacted]
Country:	USA
Owner Contact:	Not reported
Owner Phone:	[redacted]
District:	SE Michigan District Office
Leak Number:	C-0779-90
Release Date:	May 1 1990
Site Name:	Lafarge Corporation
Substance Released:	Diesel,Gasoline
Closed Date:	Not reported

UST:

Owner Name:	[redacted]
Owner Address:	[redacted]
Owner City,St,Zip:	[redacted]
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	[redacted]
Facility ID:	00017604
Contact:	JERRY JAMES
Contact Phone:	(313) 354-9050
Tank ID:	3
Tank Status:	**Removed from Ground**
Capacity:	6000
Install Date:	Apr 29 1961
Product:	Diesel
Remove Date:	Sep 5 1990
Tank Release Detection:	Manual Tank Gauging,Tank Tightness Testing
Pipe Realease Detection:	Not reported
Piping Material:	Unknown
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

Owner Name:	[redacted]
Owner Address:	[redacted]
Owner City,St,Zip:	[redacted]
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	[redacted]
Facility ID:	00017604
Contact:	JERRY JAMES
Contact Phone:	(313) 354-9050
Tank ID:	2
Tank Status:	**Removed from Ground**

LAFARGE CORPORATION (Continued) **1000155365**

Capacity:	6000
Install Date:	Apr 29 1961
Product:	Diesel
Remove Date:	Sep 5 1990
Tank Release Detection:	Manual Tank Gauging,Tank Tightness Testing
Pipe Realease Detection:	Not reported
Piping Material:	Unknown
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

Owner Name:	[redacted]
Owner Address:	[redacted]
Owner City,St,Zip:	[redacted]
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	[redacted]
Facility ID:	00017604
Contact:	JERRY JAMES
Contact Phone:	(313) 354-9050
Tank ID:	1
Tank Status:	**Removed from Ground**
Capacity:	12000
Install Date:	Apr 29 1961
Product:	Diesel
Remove Date:	Sep 5 1990
Tank Release Detection:	Manual Tank Gauging,Tank Tightness Testing
Pipe Realease Detection:	Not reported
Piping Material:	Unknown
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

BEA:

Secondary Address:	Not reported
BEA Number:	396
District:	Southeast MI
Date Received:	1997-07-23 00:00:00
Submitter Name:	LAFARGE CORPORATION
Petition Determination:	No Request
Petition Disclosure:	0
Category:	Different Hazardous Substance(s)
Determination 20107A:	No Request
Reviewer:	temppm
Division Assigned:	Environmental Response Division

D20 **INLAND LAKES MANAGEMENT AT LAFARGE DOCK** **RCRA-SQG** **1004725472**
SSW **1500 E ATWATER ST** **MIR000046029**
1/8-1/4 **DETROIT, MI 48207**
717 ft.

Site 4 of 4 in cluster D

Relative:
Lower

Actual:
579 ft.

INLAND LAKES MANAGEMENT AT LAFARGE DOCK (Continued) **1004725472**

RCRAInfo:
Owner: LAFARGE CORP
EPA ID: MIR000046029

Contact: MATTHEW STUMP
(313) 259-0660

Classification: Conditionally Exempt Small Quantity Generator
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: Not reported
Area of Violation: COMPLIANCE SCHEDULE VIOLATION
Date Violation Determined: 10/27/1999
Actual Date Achieved Compliance: 02/01/2000

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 10/27/1999
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: GENERATOR-MANIFEST REQUIREMENTS
Date Violation Determined: 10/27/1999
Actual Date Achieved Compliance: 06/01/2000

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 10/27/1999
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 10/27/1999
Actual Date Achieved Compliance: 06/01/2000

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 10/27/1999
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: GENERATOR-RECORDKEEPING REQUIREMENTS
Date Violation Determined: 10/27/1999
Actual Date Achieved Compliance: 06/01/2000

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 10/27/1999
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: GENERATOR-LAND BAN REQUIREMENTS
Date Violation Determined: 10/27/1999
Actual Date Achieved Compliance: 06/01/2000

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 10/27/1999
Penalty Type: Not reported

There are 5 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Non-Financial Record Review	COMPLIANCE SCHEDULE VIOLATION	20000201
	GENERATOR-MANIFEST REQUIREMENTS	20000601
	GENERATOR-GENERAL REQUIREMENTS	20000601

INLAND LAKES MANAGEMENT AT LAFARGE DOCK (Continued) **1004725472**

GENERATOR-RECORDKEEPING REQUIREMENTS 20000601
GENERATOR-LAND BAN REQUIREMENTS 20000601

E21
North
1/8-1/4
763 ft.

JEFFERSON ST AUBIN SHELL SERVICE
2100 E JEFFERSON
DETROIT, MI

EDR Historical Auto Stations **1009489341**
N/A

Site 3 of 3 in cluster E

Relative:
Higher

Actual:
594 ft.

EDR Historical Auto Stations:

Name:	JEFFERSON ST AUBIN SHELL SERVICE
Year:	1964
Type:	GASOLINE STATIONS

F22
ESE
1/8-1/4
809 ft.

CITY OF DETROIT
2111 EAST ATWATER ST
DETROIT, MI

BEA **S107466593**
N/A

Site 1 of 4 in cluster F

Relative:
Lower

Actual:
581 ft.

BEA:

Secondary Address:	2135 East Atwater St
BEA Number:	2930
District:	Southeast MI
Date Received:	2005-10-12 00:59:00
Submitter Name:	City of Detroit
Petition Determination:	No Request
Petition Disclosure:	0
Category:	No Hazardous Substance(s)
Determination 20107A:	No Request
Reviewer:	bahdeh
Division Assigned:	Environmental Response Division

F23
ESE
1/8-1/4
826 ft.

MEDUSA CEMENT CO
2122 ATWATER ST
DETROIT, MI 48207

LUST **U003321070**
UST **N/A**

Site 2 of 4 in cluster F

Relative:
Lower

Actual:
581 ft.

LUST:

Facility Status:	**Open**
Facility ID:	00007374
Owner Name:	Medusa Cement Co
Owner Address:	2122 Atwater St
Owner City,St,Zip:	Detroit, MI 48207-4402
Country:	USA
Owner Contact:	Not reported
Owner Phone:	(313) 259-3110
District:	SE Michigan District Office
Leak Number:	C-1171-98
Release Date:	Nov 23 1998
Site Name:	Medusa Cement Co
Substance Released:	Gasoline
Closed Date:	Not reported

MEDUSA CEMENT CO (Continued) **U003321070**

UST:

Owner Name:	Medusa Cement Co
Owner Address:	2122 Atwater St
Owner City,St,Zip:	Detroit, MI 48207-4402
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	(313) 259-3110
Facility ID:	00007374
Contact:	MR DAN WOODEN
Contact Phone:	(313) 259-3110
Tank ID:	1
Tank Status:	**Removed from Ground**
Capacity:	1000
Install Date:	Mar 17 1980
Product:	Gasoline
Remove Date:	Nov 12 1998
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Bare Steel
Piping Type:	Suction: No Valve At Tank
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

F24 **CEMEX INC** **RCRA-SQG** **1004725484**
ESE **2122 E ATWATER ST** **FINDS** **MIR000046219**
1/8-1/4 **DETROIT, MI 48207**
826 ft.

Site 3 of 4 in cluster F

Relative:
Lower

Actual:
581 ft.

RCRAInfo:

Owner:	SOUTHDOWN INC - NOW CEMEX INC
EPA ID:	MIR000046219
Contact:	CHUCK MARCUM (313) 259-3110
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

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Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
F25 ESE 1/8-1/4 826 ft.	**CITY OF DETROIT 2122 EAST ATWATER ST DETROIT, MI**	**BEA**	**S107466594 N/A**

Site 4 of 4 in cluster F

Relative: Lower

Actual: 581 ft.

BEA:

Secondary Address:	Not reported
BEA Number:	2931
District:	Southeast MI
Date Received:	2005-10-12 00:59:00
Submitter Name:	City of Detroit
Petition Determination:	No Request
Petition Disclosure:	0
Category:	No Hazardous Substance(s)
Determination 20107A:	No Request
Reviewer:	bahdeh
Division Assigned:	Environmental Response Division

G26 NNE 1/8-1/4 864 ft.	**JEFFERSON CHEVROLET CO 2130 E JEFFERSON AVE DETROIT, MI**	**EDR Historical Auto Stations**	**1009489445 N/A**

Site 1 of 2 in cluster G

Relative: Higher

Actual: 594 ft.

EDR Historical Auto Stations:

Name:	JEFFERSON CHEVROLET CO
Year:	1954
Type:	AUTOMOBILE REPAIRING
Name:	JEFFERSON CHEVROLET CO
Year:	1964
Type:	AUTOMOBILE SERVICE
Name:	JEFFERSON CHEVROLET CO
Year:	1965
Type:	AUTOMOBILE REPAIRING

G27 NNE 1/8-1/4 864 ft.	**JEFFERSON CHEVROLET 2130 JEFFERSON DETROIT, MI 48207**	**RCRA-SQG FINDS LUST UST**	**1000228355 MID006534598**

Site 2 of 2 in cluster G

Relative: Higher

Actual: 594 ft.

RCRAInfo:

Owner:	TESSMER RAY
EPA ID:	MID006534598
Contact:	JAMES TELLIER (313) 259-1200
Classification:	Small Quantity Generator
TSDF Activities:	Not reported

JEFFERSON CHEVROLET (Continued) **1000228355**

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

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LUST:

Facility Status:	**Open**
Facility ID:	00018548
Owner Name:	Jefferson Chev Col
Owner Address:	2130 E Jefferson Ave
Owner City,St,Zip:	Detroit, MI 48207-4102
Country:	USA
Owner Contact:	Not reported
Owner Phone:	(313) 259-1200
District:	SE Michigan District Office
Leak Number:	C-0120-90
Release Date:	Jan 18 1990
Site Name:	Jefferson Chevrolet
Substance Released:	Not reported
Closed Date:	Not reported

UST:

Owner Name:	Jefferson Chev Col
Owner Address:	2130 E Jefferson Ave
Owner City,St,Zip:	Detroit, MI 48207-4102
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	(313) 259-1200
Facility ID:	00018548
Contact:	GERALD DEWAELE
Contact Phone:	(313) 259-1200
Tank ID:	1
Tank Status:	**Removed from Ground**
Capacity:	500
Install Date:	Apr 8 1950
Product:	Used Oil
Remove Date:	Sep 30 1990
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Unknown
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
H28 NNW 1/8-1/4 872 ft.	**MORRIS AND WALKER 1932 E LARNED DETROIT, MI**	**EDR Historical Auto Stations**	**1009488848 N/A**

Site 1 of 2 in cluster H

Relative: Higher

Actual: 592 ft.

EDR Historical Auto Stations:

Name:	PATTERSONS AUTOMOBILE SERVICE
Year:	1931
Type:	AUTOMOBILE REPAIRING
Name:	MORRIS AND WALKER
Year:	1935
Type:	AUTOMOBILE REPAIRING

H29 NNW 1/8-1/4 872 ft.	**BROOKER JOHN W 1930 LARNED E DETROIT, MI**	**EDR Historical Auto Stations**	**1009488835 N/A**

Site 2 of 2 in cluster H

Relative: Higher

Actual: 591 ft.

EDR Historical Auto Stations:

Name:	BROOKER JOHN W
Year:	1921
Type:	AUTOMOBILE REPAIRING

---

30 NW 1/8-1/4 876 ft.	**WEIGLE GARAGE 1836 LARNED E DETROIT, MI**	**EDR Historical Auto Stations**	**1009488576 N/A**

Relative: Higher

Actual: 589 ft.

EDR Historical Auto Stations:

Name:	WEIGLE GARAGE
Year:	1921
Type:	AUTOMOBILE GARAGES

---

31 SSW 1/8-1/4 881 ft.	**KOENIG CONCRETE 1470 ATWATER ST DETROIT, MI 48207**	**LUST UST**	**U000267129 N/A**

Relative: Lower

Actual: 580 ft.

LUST:

Facility Status:	**Closed**
Facility ID:	00033414
Owner Name:	Lafarge Corp
Owner Address:	1435 FORD AVE PO BOX 396
Owner City,St,Zip:	SOUTHFIELD, MI 48037
Country:	USA
Owner Contact:	Not reported
Owner Phone:	(313) 354-9050
District:	SE Michigan District Office
Leak Number:	C-0284-90
Release Date:	Oct 3 1994
Site Name:	Lafarge Corporation - Detroit Te
Substance Released:	Unknown,Unknown
Closed Date:	Aug 22 1995
Facility Status:	**Open**

KOENIG CONCRETE (Continued) **U000267129**

Facility ID:	00033414
Owner Name:	Lafarge Corp
Owner Address:	1435 FORD AVE PO BOX 396
Owner City,St,Zip:	SOUTHFIELD, MI 48037
Country:	USA
Owner Contact:	Not reported
Owner Phone:	(313) 354-9050
District:	SE Michigan District Office
Leak Number:	C-1226-95
Release Date:	Apr 16 1990
Site Name:	Lafarge Detroit Terminal
Substance Released:	Gasoline
Closed Date:	Not reported

UST:

Owner Name:	Lafarge Corp
Owner Address:	1435 FORD AVE PO BOX 396
Owner City,St,Zip:	SOUTHFIELD, MI 48037
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	(313) 354-9050
Facility ID:	00033414
Contact:	JERRY JAMES
Contact Phone:	(313) 354-9050
Tank ID:	2
Tank Status:	**Removed from Ground**
Capacity:	6000
Install Date:	Dec 28 1961
Product:	Gasoline
Remove Date:	Sep 5 1990
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Unknown
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

Owner Name:	Lafarge Corp
Owner Address:	1435 FORD AVE PO BOX 396
Owner City,St,Zip:	SOUTHFIELD, MI 48037
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	(313) 354-9050
Facility ID:	00033414
Contact:	JERRY JAMES
Contact Phone:	(313) 354-9050
Tank ID:	1
Tank Status:	**Removed from Ground**
Capacity:	12000
Install Date:	Dec 28 1961
Product:	Diesel
Remove Date:	Sep 5 1990
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Unknown
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

Map ID Direction Distance Distance (ft.) Elevation	Site	Database(s)	EDR ID Number EPA ID Number
I32 **North** **1/8-1/4** **930 ft.**	**NOBLE MARION** **2000 E LARNED** **DETROIT, MI**	**EDR Historical Auto Stations**	**1009489039** **N/A**

Site 1 of 2 in cluster I

Relative:
Higher

Actual:
595 ft.

EDR Historical Auto Stations:
Name: NOBLE MARION
Year: 1940
Type: AUTOMOBILE REPAIRING

---

33 **WSW** **1/8-1/4** **932 ft.**	**SEYMOUR CADILLAC** **1522 WOODBRIDGE** **DETROIT, MI 48207**	**RCRA-SQG** **FINDS**	**1000302099** **MID981788318**

Relative:
Higher

Actual:
589 ft.

RCRAInfo:
Contact: ED TAUBE
(313) 259-9000

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

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34 **West** **1/8-1/4** **954 ft.**	**RIVERSIDE FORD TRUCK DEPT** **1555 E JEFFERSON** **DETROIT, MI 48207**	**RCRA-SQG** **FINDS**	**1000828039** **MID985650852**

Relative:
Higher

Actual:
594 ft.

RCRAInfo:
Contact: LES CASEY
(313) 567-0250

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

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RIVERSIDE FORD TRUCK DEPT (Continued) **1000828039**

under RCRA.

J35
NW
1/8-1/4
960 ft.

WILLIAMS HARRY
1827 E LARNED
DETROIT, MI

EDR Historical Auto Stations **1009488548**
N/A

Site 1 of 2 in cluster J

Relative:
Higher

Actual:
587 ft.

EDR Historical Auto Stations:

Name:	WILLIAMS HARRY
Year:	1926
Type:	AUTOMOBILE REPAIRING

I36
North
1/8-1/4
996 ft.

SOMERSET GARAGE
1921 E LARNED
DETROIT, MI

EDR Historical Auto Stations **1009488809**
N/A

Site 2 of 2 in cluster I

Relative:
Higher

Actual:
596 ft.

EDR Historical Auto Stations:

Name:	SOMERSET GARAGE
Year:	1926
Type:	AUTOMOBILE GARAGES

37
WSW
1/8-1/4
1067 ft.

WOLVERINE TOOL
1480 WOODBRIDGE
DETROIT, MI 48207

RCRA-SQG **1004723585**
FINDS **MID985628924**

Relative:
Higher

Actual:
589 ft.

RCRAInfo:

Owner:	GRENZKE GEORGE
EPA ID:	MID985628924
Contact:	NORMAN GRENZKE (313) 259-0330
Classification:	Conditionally Exempt Small Quantity Generator
TSDF Activities:	Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
J38 NW 1/8-1/4 1083 ft.	**LIBBOS BESSURS 543 ORLEANS DETROIT, MI**	**EDR Historical Cleaners**	**1009481534 N/A**

Site 2 of 2 in cluster J

Relative: Higher

Actual: 587 ft.

EDR Historical Cleaners:

Name:	LIBBOS BESSURS
Year:	1940
Type:	CLOTHES PRESSERS AND CLEANERS

---

39 NNW 1/8-1/4 1097 ft.	**ECONOMY CLEANERS AND DYERS 534 SAINT AUBIN AVE DETROIT, MI**	**EDR Historical Cleaners**	**1009481468 N/A**

Relative: Higher

Actual: 592 ft.

EDR Historical Cleaners:

Name:	ECONOMY CLEANERS AND DYERS
Year:	1935
Type:	CLOTHES PRESSERS AND CLEANERS
Name:	ECONOMY CLEANERS AND DYERS
Year:	1940
Type:	CLEANERS-GARMENTS CURTAINS AND DRAPERIES

K40 NNE 1/8-1/4 1128 ft.	**JEFFERSON CHEVROLET BODY SHOP 2200 E JEFFERSON AVE DETROIT, MI 48207**	**RCRA-SQG FINDS**	**1000866279 MID985664333**

Site 1 of 2 in cluster K

Relative: Higher

Actual: 595 ft.

RCRAInfo:

Owner:	JEFFERSON CHEVROLET INC
EPA ID:	MID985664333
Contact:	JAMES TELLIER (313) 259-1200
Classification:	Small Quantity Generator
TSDF Activities:	Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
K41 NNE 1/8-1/4 1128 ft.	**MODERN SALES AND SERVICE CO AUTHORIZED FORD AGENTS** **2200 E JEFFERSON AVE** **DETROIT, MI**	**EDR Historical Auto Stations**	**1009489567** **N/A**

Site 2 of 2 in cluster K

Relative: Higher

Actual: 595 ft.

EDR Historical Auto Stations:

Name:	MODERN SALES AND SERVICE CO AUTHORIZED FORD AGTS
Year:	1926
Type:	AUTOMOBILE REPAIRING
Name:	MODERN SALES AND SERVICE CO AUTHORIZED FORD AGENTS
Year:	1931
Type:	AUTOMOBILE REPAIRING

---

42 WSW 1/8-1/4 1233 ft.	**CRAIN COMMUNICATIONS INC** **1400 WOODBRIDGE AVE** **DETROIT, MI 48207**	**RCRA-SQG**	**1007099256** **MIK643569379**

Relative: Higher

Actual: 590 ft.

RCRAInfo:

Owner:	CRAIN COMMUNICATIONS INC
EPA ID:	MIK643569379
Contact:	LINDA HUTTON (313) 446-0390
Classification:	Conditionally Exempt Small Quantity Generator
TSDF Activities:	Not reported

Violation Status: No violations found

---

43 SW 1/8-1/4 1245 ft.	**AMBASSADOR STEEL CO** **1469 ATWATER ST** **DETROIT, MI 48207**	**LUST** **UST**	**U000267128** **N/A**

Relative: Lower

Actual: 580 ft.

LUST:

Facility Status:	**Open**
Facility ID:	00006356
Owner Name:	Ambassador Steel Co
Owner Address:	1469 Atwater St
Owner City,St,Zip:	Detroit, MI 48207-4015
Country:	USA
Owner Contact:	Not reported
Owner Phone:	(313) 259-6600
District:	SE Michigan District Office
Leak Number:	C-1501-92
Release Date:	Sep 1 1992
Site Name:	Ambassador Steel Co
Substance Released:	Diesel
Closed Date:	Not reported

UST:

Owner Name:	Ambassador Steel Co
Owner Address:	1469 Atwater St
Owner City,St,Zip:	Detroit, MI 48207-4015
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	(313) 259-6600

AMBASSADOR STEEL CO (Continued) **U000267128**

Facility ID:	00006356
Contact:	RONALD POCHINCO
Contact Phone:	(313) 259-6600
Tank ID:	1
Tank Status:	**Removed from Ground**
Capacity:	5500
Install Date:	Feb 4 1966
Product:	Diesel
Remove Date:	Sep 1 1992
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Unknown
Piping Type:	Not reported
Constr Material:	Unknown
Impressed Device:	No

Owner Name:	Ambassador Steel Co
Owner Address:	1469 Atwater St
Owner City,St,Zip:	Detroit, MI 48207-4015
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	(313) 259-6600
Facility ID:	00006356
Contact:	RONALD POCHINCO
Contact Phone:	(313) 259-6600
Tank ID:	3
Tank Status:	**Removed from Ground**
Capacity:	Not reported
Install Date:	Feb 4 1966
Product:	Not reported
Remove Date:	Jan 1 1980
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Unknown
Piping Type:	Not reported
Constr Material:	Unknown
Impressed Device:	No

Owner Name:	Ambassador Steel Co
Owner Address:	1469 Atwater St
Owner City,St,Zip:	Detroit, MI 48207-4015
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	(313) 259-6600
Facility ID:	00006356
Contact:	RONALD POCHINCO
Contact Phone:	(313) 259-6600
Tank ID:	2
Tank Status:	**Removed from Ground**
Capacity:	955
Install Date:	Feb 4 1966
Product:	Gasoline
Remove Date:	Sep 1 1992
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Unknown
Piping Type:	Not reported

AMBASSADOR STEEL CO (Continued) **U000267128**

Constr Material: Unknown
Impressed Device: No

L44
NNE
1/8-1/4
1295 ft.

PASADENA GARAGE
2122 E LARNED
DETROIT, MI

EDR Historical Auto Stations **1009489430**
N/A

Site 1 of 2 in cluster L

Relative:
Higher

Actual:
595 ft.

EDR Historical Auto Stations:
Name: PASADENA GARAGE
Year: 1926
Type: AUTOMOBILE GARAGES

L45
NNE
1/8-1/4
1295 ft.

RENO WM L
2122 LARNED E
DETROIT, MI

EDR Historical Auto Stations **1009489431**
N/A

Site 2 of 2 in cluster L

Relative:
Higher

Actual:
595 ft.

EDR Historical Auto Stations:
Name: RENO WM L
Year: 1921
Type: AUTOMOBILE GARAGES

46
WSW
1/4-1/2
1353 ft.

CRAIN COMMUNICATIONS INC
1370 FRANKLIN ST
DETROIT, MI 48207

LUST **U000267009**
UST **N/A**

Relative:
Higher

Actual:
584 ft.

LUST:
Facility Status: **Closed**
Facility ID: 00034982
Owner Name: Crain Communications Inc
Owner Address: 1155 Gratiot Ave
Owner City,St,Zip: Detroit, MI 48207-2913
Country: USA
Owner Contact: Not reported
Owner Phone: 313-446-6000
District: SE Michigan District Office
Leak Number: C-0149-92
Release Date: Jan 27 1992
Site Name: Crain Communications Inc.
Substance Released: Gasoline
Closed Date: May 6 1994

UST:
Owner Name: Crain Communications Inc
Owner Address: 1155 Gratiot Ave
Owner City,St,Zip: Detroit, MI 48207-2913
Owner Country: USA
Owner Contact: Not reported
Owner Phone: 313-446-6000
Facility ID: 00034982
Contact: PETER JOHNSON

CRAIN COMMUNICATIONS INC (Continued) **U000267009**

Contact Phone:	(313) 446-1685
Tank ID:	1
Tank Status:	**Removed from Ground**
Capacity:	1000
Install Date:	Dec 15 1952
Product:	Gasoline
Remove Date:	Jan 27 1992
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Unknown
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

47
ENE
1/4-1/2
1577 ft.

Relative:
Higher

Actual:
584 ft.

DETROIT GAS CO- CHENE STREET STATION
FRANKLIN AND CHENE
DETROIT, MI 48207

Manufactured Gas Plants **1008408098**
N/A

48
East
1/4-1/2
1599 ft.

Relative:
Lower

Actual:
581 ft.

THE STROH COMPANIES INC
210 CHENE
DETROIT, MI 48207

RCRA-SQG **1000528542**
FINDS **MID985609619**
BEA

RCRAInfo:
Contact: RICHARD SIMPSON
(313) 555-1212

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated:	Not reported
Area of Violation:	GENERATOR-OTHER REQUIREMENTS
Date Violation Determined:	05/13/1993
Actual Date Achieved Compliance:	06/08/1993
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	05/13/1993
Penalty Type:	Not reported

Regulation Violated:	Not reported
Area of Violation:	GENERATOR-LAND BAN REQUIREMENTS
Date Violation Determined:	05/13/1993
Actual Date Achieved Compliance:	06/08/1993
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	05/13/1993
Penalty Type:	Not reported

There are 2 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-OTHER REQUIREMENTS	19930608
	GENERATOR-LAND BAN REQUIREMENTS	19930608

THE STROH COMPANIES INC (Continued) **1000528542**

FINDS:
Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

BEA:

Secondary Address:	Not reported
BEA Number:	420
District:	Southeast MI
Date Received:	1997-09-02 00:00:00
Submitter Name:	STROH COMPANIES, INC.
Petition Determination:	Affirmed
Petition Disclosure:	1
Category:	Different Hazardous Substance(s)
Determination 20107A:	Affirmed
Reviewer:	temppm
Division Assigned:	Environmental Response Division

M49 **A.T. WAGNER BUILDING** **BEA** **S104910345**
ENE **2720 WIGHT STREET** **N/A**
1/4-1/2 **DETROIT, MI 48207**
2050 ft.

Site 1 of 2 in cluster M

Relative:
Equal

Actual:
583 ft.

BEA:

Secondary Address:	2733 Guoin Street
BEA Number:	2292
District:	Southeast MI
Date Received:	2004-02-13 00:59:00
Submitter Name:	The Stroh Companies Inc.
Petition Determination:	Affirmed
Petition Disclosure:	1
Category:	No Hazardous Substance(s)
Determination 20107A:	No Request
Reviewer:	novake
Division Assigned:	Environmental Response Division

Secondary Address:	Not reported
BEA Number:	177
District:	Southeast MI
Date Received:	1996-09-12 00:00:00
Submitter Name:	[redacted]
Petition Determination:	Affirmed
Petition Disclosure:	1
Category:	No Hazardous Substance(s)
Determination 20107A:	Pending
Reviewer:	russelje
Division Assigned:	Environmental Response Division

Secondary Address:	Not reported

A.T. WAGNER BUILDING (Continued) **S104910345**

BEA Number: 176
District: Southeast MI
Date Received: 1996-09-12 00:00:00
Submitter Name: [redacted]
Petition Determination: Affirmed
Petition Disclosure: 1
Category: No Hazardous Substance(s)
Determination 20107A: Pending
Reviewer: russelje
Division Assigned: Environmental Response Division

M50
ENE
1/4-1/2
2050 ft.

A.T. WAGNER PROPERTY **SHWS** **S105144850**
2720 WIGHT STREET **N/A**
DETROIT, MI 48207

Site 2 of 2 in cluster M

Relative:
Equal

Actual:
583 ft.

SHWS:
Facility ID: 82001588
Source: Industrial Organic Chemicals
SAM Score: 28 out of 48
SAM Score Date: 08/17/2004
Township: 2S
Range: 12E
Section: 10
Quarter: SW
Quarter/Quarter: NE
Facility Status: **Inactive - no actions taken to address contamination**
Pollutant(s): PCE; TCE; VC

51
ENE
1/4-1/2
2151 ft.

ABANDONED BLDG (DEMOLISHED) **LUST** **S104872563**
2700 FRANKLIN **N/A**
DETROIT, MI 48238

Relative:
Higher

Actual:
585 ft.

LUST:
Facility Status: **Closed**
Facility ID: 50002643
Owner Name: City Of Detroit-Demolition Dept
Owner Address: 8221 W Davison
Owner City,St,Zip: Detroit, MI 48238-3181
Country: USA
Owner Contact: Not reported
Owner Phone: (313) 935-2000
District: SE Michigan District Office
Leak Number: C-0618-00
Release Date: Jun 23 2000
Site Name: Abandoned Bldg (demolished)
Substance Released: Unknown
Closed Date: Nov 28 2000

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
52 ENE 1/4-1/2 2158 ft.	**2652 E. ATWATER ST. DETROIT, MI**	**BEA**	**S105768256 N/A**

Relative: Lower

Actual: 579 ft.

BEA:

Secondary Address:	Not reported
BEA Number:	1673
District:	Southeast MI
Date Received:	2002-04-12 00:59:00
Submitter Name:	City of Detroit
Petition Determination:	No Request
Petition Disclosure:	0
Category:	No Hazardous Substance(s)
Determination 20107A:	No Request
Reviewer:	novake
Division Assigned:	Environmental Response Division

N53 NE 1/4-1/2 2193 ft.	**SHELL SERVICE STATION 2600 E JEFFERSON DETROIT, MI 48207**	**LUST UST**	**U003321915 N/A**

Site 1 of 2 in cluster N

Relative: Higher

Actual: 594 ft.

LUST:

Facility Status:	**Open**
Facility ID:	00010493
Owner Name:	Dannaovi Brothers Enterprises LLC
Owner Address:	2600 E Jefferson
Owner City,St,Zip:	Detroit, Mi 48207
Country:	USA
Owner Contact:	Not reported
Owner Phone:	(313) 259-3235
District:	SE Michigan District Office
Leak Number:	C-0491-03
Release Date:	Nov 18 2003
Site Name:	Shell Service Station
Substance Released:	Gasoline,Gasoline,Gasoline
Closed Date:	Not reported
Facility Status:	**Closed**
Facility ID:	00010493
Owner Name:	Dannaovi Brothers Enterprises LLC
Owner Address:	2600 E Jefferson
Owner City,St,Zip:	Detroit, Mi 48207
Country:	USA
Owner Contact:	Not reported
Owner Phone:	(313) 259-3235
District:	SE Michigan District Office
Leak Number:	C-0962-96
Release Date:	Nov 25 1996
Site Name:	Shell Service Station
Substance Released:	Gasoline
Closed Date:	Jan 28 1998

UST:

Owner Name:	Dannaovi Brothers Enterprises LLC
Owner Address:	2600 E Jefferson
Owner City,St,Zip:	Detroit, Mi 48207
Owner Country:	USA
Owner Contact:	Not reported

SHELL SERVICE STATION (Continued) **U003321915**

Owner Phone:	(313) 259-3235
Facility ID:	00010493
Contact:	Ghassan Dannaoui
Contact Phone:	(313) 259-3235
Tank ID:	8
Tank Status:	**Currently In Use**
Capacity:	12000
Install Date:	Jun 1 1987
Product:	Gasoline
Remove Date:	Not reported
Tank Release Detection:	Manual Tank Gauging, Tank Tightness Testing, Inventory Control, Automatic Tank Gauging, Vapor Monitoring, (
Pipe Realease Detection:	Automatic Line Leak Detectors, GroundWater Monitoring, Interstitial Monitoring Double Walled Piping, Interstitia
Piping Material:	Unknown
Piping Type:	Not reported
Constr Material:	Fiberglass Reinforced Plastic
Impressed Device:	No

Owner Name:	Dannaovi Brothers Enterprises LLC
Owner Address:	2600 E Jefferson
Owner City,St,Zip:	Detroit, Mi 48207
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	(313) 259-3235
Facility ID:	00010493
Contact:	Ghassan Dannaoui
Contact Phone:	(313) 259-3235
Tank ID:	4
Tank Status:	**Currently In Use**
Capacity:	10000
Install Date:	Dec 1 1970
Product:	Gasoline
Remove Date:	Not reported
Tank Release Detection:	Manual Tank Gauging, Tank Tightness Testing, Inventory Control, Automatic Tank Gauging, Vapor Monitoring, (
Pipe Realease Detection:	Automatic Line Leak Detectors, GroundWater Monitoring, Interstitial Monitoring Double Walled Piping, Interstitia
Piping Material:	Unknown
Piping Type:	Not reported
Constr Material:	Fiberglass Reinforced Plastic
Impressed Device:	No

Owner Name:	Dannaovi Brothers Enterprises LLC
Owner Address:	2600 E Jefferson
Owner City,St,Zip:	Detroit, Mi 48207
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	(313) 259-3235
Facility ID:	00010493
Contact:	Ghassan Dannaoui
Contact Phone:	(313) 259-3235
Tank ID:	5
Tank Status:	**Removed from Ground**
Capacity:	1000
Install Date:	Apr 21 1984
Product:	Used Oil,Hazardous Substance
Remove Date:	Nov 7 1993
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Fiberglass reinforced plastic

SHELL SERVICE STATION (Continued) **U003321915**

Piping Type: Pressure
Constr Material: Fiberglass Reinforced plastic
Impressed Device: No

Owner Name: Dannaovi Brothers Enterprises LLC
Owner Address: 2600 E Jefferson
Owner City,St,Zip: Detroit, Mi 48207
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (313) 259-3235
Facility ID: 00010493
Contact: Ghassan Dannaoui
Contact Phone: (313) 259-3235
Tank ID: 9
Tank Status: Currently In Use
Capacity: 12000
Install Date: Jun 1 1987
Product: Gasoline
Remove Date: Not reported
Tank Release Detection: Manual Tank Gauging, Tank Tightness Testing, Inventory Control, Automatic Tank Gauging, Vapor Monitoring, (
Pipe Realease Detection: Automatic Line Leak Detectors, GroundWater Monitoring, Interstitial Monitoring Double Walled Piping, Interstitia
Piping Material: Unknown
Piping Type: Not reported
Constr Material: Fiberglass Reinforced Plastic
Impressed Device: No

Owner Name: Dannaovi Brothers Enterprises LLC
Owner Address: 2600 E Jefferson
Owner City,St,Zip: Detroit, Mi 48207
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (313) 259-3235
Facility ID: 00010493
Contact: Ghassan Dannaoui
Contact Phone: (313) 259-3235
Tank ID: 1
Tank Status: Removed from Ground
Capacity: 4000
Install Date: Apr 21 1962
Product: Gasoline
Remove Date: Jun 1 1987
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Owner Name: Dannaovi Brothers Enterprises LLC
Owner Address: 2600 E Jefferson
Owner City,St,Zip: Detroit, Mi 48207
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (313) 259-3235
Facility ID: 00010493
Contact: Ghassan Dannaoui
Contact Phone: (313) 259-3235

SHELL SERVICE STATION (Continued) **U003321915**

Tank ID:	3
Tank Status:	**Removed from Ground**
Capacity:	6000
Install Date:	Apr 21 1962
Product:	Gasoline
Remove Date:	Jun 1 1987
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Galvanized Steel
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

Owner Name:	Dannaovi Brothers Enterprises LLC
Owner Address:	2600 E Jefferson
Owner City,St,Zip:	Detroit, Mi 48207
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	(313) 259-3235
Facility ID:	00010493
Contact:	Ghassan Dannaoui
Contact Phone:	(313) 259-3235
Tank ID:	2
Tank Status:	**Removed from Ground**
Capacity:	6000
Install Date:	Apr 21 1964
Product:	Gasoline
Remove Date:	Jun 1 1987
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Galvanized Steel
Piping Type:	Not reported
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

O54 **2748 FRANKLIN AVENUE** **BEA** **S105966667**
ENE **2748 FRANKLIN AVENUE** **N/A**
1/4-1/2 **DETROIT, MI 48226**
2291 ft.

Site 1 of 2 in cluster O

Relative:
Higher

Actual:
585 ft.

BEA:

Secondary Address:	Not reported
BEA Number:	2012
District:	Southeast MI
Date Received:	2003-05-13 00:59:00
Submitter Name:	2748 Franklin Avenue LLC
Petition Determination:	Affirmed
Petition Disclosure:	1
Category:	No Hazardous Substance(s)
Determination 20107A:	Affirmed
Reviewer:	novake
Division Assigned:	Environmental Response Division

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
O55 ENE 1/4-1/2 2291 ft.	**WARD 11 ITEM 0000048-57 LOTS 1-10 BOCK 6 2748 FRANKLIN STREET DETROIT CITY, MI 48207**	**BEA**	**S106896604 N/A**

Site 2 of 2 in cluster O

Relative: Higher

Actual: 585 ft.

BEA:

Secondary Address:	Not reported
BEA Number:	2765
District:	Southeast MI
Date Received:	2005-04-27 00:59:00
Submitter Name:	Wight-Franklin Land, LLC
Petition Determination:	Affirmed
Petition Disclosure:	1
Category:	No Hazardous Substance(s)
Determination 20107A:	No Request
Reviewer:	williakt
Division Assigned:	Environmental Response Division

N56 NE 1/4-1/2 2300 ft.	**VACANT PROPERTY 2661 E JEFFERSON DETROIT, MI 48207**	**RCRA-SQG FINDS LUST UST**	**1000909139 MI0000567719**

Site 2 of 2 in cluster N

Relative: Higher

Actual: 595 ft.

RCRAInfo:

Owner:	DETROIT CITY OF CEDD
EPA ID:	MI0000567719
Contact:	RICHARD RYBINSKI (313) 224-3894
Classification:	Conditionally Exempt Small Quantity Generator
TSDF Activities:	Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

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LUST:

Facility Status:	**Closed**
Facility ID:	00037795
Owner Name:	City Of Detroit
Owner Address:	ATTN RAMESH PATEL 150 W MICHIGAN AVE 7TH FLOOR
Owner City,St,Zip:	DETROIT, MI 48226-2619
Country:	USA
Owner Contact:	Not reported
Owner Phone:	(313) 224-0154
District:	SE Michigan District Office
Leak Number:	C-0491-94

VACANT PROPERTY (Continued) **1000909139**

Release Date: May 20 1994
Site Name: City Of Detroit - Vacant Lot
Substance Released: Gasoline
Closed Date: Aug 16 1994
Facility Status: Closed
Facility ID: 00037795
Owner Name: City Of Detroit
Owner Address: ATTN RAMESH PATEL 150 W MICHIGAN AVE 7TH FLOOR
Owner City,St,Zip: DETROIT, MI 48226-2619
Country: USA
Owner Contact: Not reported
Owner Phone: (313) 224-0154
District: SE Michigan District Office
Leak Number: C-1438-93
Release Date: Nov 11 1993
Site Name: City Of Detroit - Vacant Lot
Substance Released: Diesel
Closed Date: Aug 16 1994

UST:
Owner Name: City Of Detroit
Owner Address: ATTN RAMESH PATEL 150 W MICHIGAN AVE 7TH FLOOR
Owner City,St,Zip: DETROIT, MI 48226-2619
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (313) 224-0154
Facility ID: 00037795
Contact: RICHARD RYBINSKI
Contact Phone: (313) 224-3894
Tank ID: 1
Tank Status: Removed from Ground
Capacity: 1000
Install Date: Not reported
Product: UNK
Remove Date: Dec 16 1993
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Owner Name: City Of Detroit
Owner Address: ATTN RAMESH PATEL 150 W MICHIGAN AVE 7TH FLOOR
Owner City,St,Zip: DETROIT, MI 48226-2619
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (313) 224-0154
Facility ID: 00037795
Contact: RICHARD RYBINSKI
Contact Phone: (313) 224-3894
Tank ID: 2
Tank Status: Removed from Ground
Capacity: 1000
Install Date: Not reported
Product: MOTOR/OIL
Remove Date: Apr 20 1994
Tank Release Detection: Not reported

VACANT PROPERTY (Continued) **1000909139**

Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Owner Name: City Of Detroit
Owner Address: ATTN RAMESH PATEL 150 W MICHIGAN AVE 7TH FLOOR
Owner City,St,Zip: DETROIT, MI 48226-2619
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (313) 224-0154
Facility ID: 00037795
Contact: RICHARD RYBINSKI
Contact Phone: (313) 224-3894
Tank ID: 4
Tank Status: Removed from Ground
Capacity: 1000
Install Date: Not reported
Product: Gasoline
Remove Date: May 20 1994
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Owner Name: City Of Detroit
Owner Address: ATTN RAMESH PATEL 150 W MICHIGAN AVE 7TH FLOOR
Owner City,St,Zip: DETROIT, MI 48226-2619
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (313) 224-0154
Facility ID: 00037795
Contact: RICHARD RYBINSKI
Contact Phone: (313) 224-3894
Tank ID: 3
Tank Status: Removed from Ground
Capacity: 2000
Install Date: Not reported
Product: Gasoline
Remove Date: Apr 20 1994
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported
Constr Material: Asphalt Coated or Bare Steel
Impressed Device: No

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
P57 NE 1/4-1/2 2369 ft.	**COMERICA INC** 2700 E JEFFERSON DETROIT, MI 48326	LUST UST	U001147907 N/A

Site 1 of 2 in cluster P

Relative: Higher

Actual: 595 ft.

LUST:

Facility Status:	**Closed**
Facility ID:	00036469
Owner Name:	Comerica Inc
Owner Address:	C/O PETER FLEMING 3701 HAMLIN RD
Owner City,St,Zip:	AUBURN HILLS, MI 48326
Country:	USA
Owner Contact:	Not reported
Owner Phone:	(313) 370-5213
District:	SE Michigan District Office
Leak Number:	C-1269-92
Release Date:	Jul 30 1992
Site Name:	Comerica Bank
Substance Released:	Gasoline
Closed Date:	Oct 19 1993

UST:

Owner Name:	Comerica Inc
Owner Address:	C/O PETER FLEMING 3701 HAMLIN RD
Owner City,St,Zip:	AUBURN HILLS, MI 48326
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	(313) 370-5213
Facility ID:	00036469
Contact:	PETER FLEMING
Contact Phone:	(313) 370-5213
Tank ID:	1
Tank Status:	**Removed from Ground**
Capacity:	10000
Install Date:	Not reported
Product:	UNK
Remove Date:	Aug 1 1992
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Unknown
Piping Type:	Not reported
Constr Material:	Unknown
Impressed Device:	No

P58 NE 1/4-1/2 2423 ft.	**US REAL ESTATE LIMITED PARTNERSHIP** 2730 EAST JEFFERSON AVE DETROIT, MI 48207	BEA	S108084497 N/A

Site 2 of 2 in cluster P

Relative: Higher

Actual: 595 ft.

BEA:

Secondary Address:	a Texas limited partnership
BEA Number:	3192
District:	Southeast MI
Date Received:	2006-07-13 00:59:00
Submitter Name:	US Real Estate Limited Partnership
Petition Determination:	No Request
Petition Disclosure:	0
Category:	No Hazardous Substance(s)

US REAL ESTATE LIMITED PARTNERSHIP (Continued) **S108084497**

Determination 20107A: No Request
Reviewer: williakt
Division Assigned: Environmental Response Division

59
WSW
1/4-1/2
2424 ft.

965 E. JEFFERSON AVE
DETROIT, MI

BEA **S105768147**
N/A

Relative:
Higher

Actual:
604 ft.

BEA:
Secondary Address: Not reported
BEA Number: 1571
District: Southeast MI
Date Received: 2001-12-11 00:59:00
Submitter Name: 965 Associates LLC
Petition Determination: Affirmed
Petition Disclosure: 1
Category: No Hazardous Substance(s)
Determination 20107A: Affirmed
Reviewer: novake
Division Assigned: Environmental Response Division

60
SW
1/4-1/2
2432 ft.

REN-CEN SERVICE GARAGE
901 ATWATER ST
DETROIT, MI 48207

LUST **U000268985**
UST **N/A**

Relative:
Lower

Actual:
580 ft.

LUST:
Facility Status: **Closed**
Facility ID: 00002121
Owner Name: Riverfront Holdings Inc
Owner Address: 485 W Milwaukee St
Owner City,St,Zip: Detroit, MI 48202-3220
Country: USA
Owner Contact: Not reported
Owner Phone: (313) 556-0818
District: SE Michigan District Office
Leak Number: C-0470-94
Release Date: May 13 1994
Site Name: Ford Ren Cen Service Garage
Substance Released: Used Oil
Closed Date: Dec 28 1995
Facility Status: **Closed**
Facility ID: 00002121
Owner Name: Riverfront Holdings Inc
Owner Address: 485 W Milwaukee St
Owner City,St,Zip: Detroit, MI 48202-3220
Country: USA
Owner Contact: Not reported
Owner Phone: (313) 556-0818
District: SE Michigan District Office
Leak Number: C-0764-92
Release Date: May 12 1992
Site Name: Ford Ren Cen Service Garage
Substance Released: Gasoline
Closed Date: Nov 16 1995

REN-CEN SERVICE GARAGE (Continued) **U000268985**

Facility Status:	**Closed**
Facility ID:	00002121
Owner Name:	Riverfront Holdings Inc
Owner Address:	485 W Milwaukee St
Owner City,St,Zip:	Detroit, MI 48202-3220
Country:	USA
Owner Contact:	Not reported
Owner Phone:	(313) 556-0818
District:	SE Michigan District Office
Leak Number:	C-0788-99
Release Date:	Aug 6 1999
Site Name:	Ren-cen Service Garage
Substance Released:	Unknown
Closed Date:	Oct 28 1999

UST:

Owner Name:	Riverfront Holdings Inc
Owner Address:	485 W Milwaukee St
Owner City,St,Zip:	Detroit, MI 48202-3220
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	(313) 556-0818
Facility ID:	00002121
Contact:	ANN M GRANITI
Contact Phone:	(313) 556-0818
Tank ID:	1
Tank Status:	**Removed from Ground**
Capacity:	2000
Install Date:	Apr 24 1978
Product:	NEW MOTOR OIL
Remove Date:	May 12 1994
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Cathodically Protected,Galvanized Steel
Piping Type:	Suction: No Valve At Tank
Constr Material:	Fiberglass Reinforced plastic
Impressed Device:	No

Owner Name:	Riverfront Holdings Inc
Owner Address:	485 W Milwaukee St
Owner City,St,Zip:	Detroit, MI 48202-3220
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	(313) 556-0818
Facility ID:	00002121
Contact:	ANN M GRANITI
Contact Phone:	(313) 556-0818
Tank ID:	2
Tank Status:	**Removed from Ground**
Capacity:	2000
Install Date:	Apr 24 1978
Product:	Used Oil
Remove Date:	May 12 1994
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	CAST IRON
Piping Type:	Not reported
Constr Material:	Fiberglass Reinforced plastic

REN-CEN SERVICE GARAGE (Continued) **U000268985**

Impressed Device:	No

Owner Name:	Riverfront Holdings Inc
Owner Address:	485 W Milwaukee St
Owner City,St,Zip:	Detroit, MI 48202-3220
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	(313) 556-0818
Facility ID:	00002121
Contact:	ANN M GRANITI
Contact Phone:	(313) 556-0818
Tank ID:	5
Tank Status:	**Removed from Ground**
Capacity:	16000
Install Date:	Jan 1 1992
Product:	Gasoline
Remove Date:	Jul 29 1999
Tank Release Detection:	Automatic Tank Gauging,Inter Monitoring Double Walled Tank,Inter Monitoring/Second Containment
Pipe Realease Detection:	Not reported
Piping Material:	Secondary Containment
Piping Type:	Suction: Valve at Tank
Constr Material:	Epoxy Coated Steel
Impressed Device:	No

Owner Name:	Riverfront Holdings Inc
Owner Address:	485 W Milwaukee St
Owner City,St,Zip:	Detroit, MI 48202-3220
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	(313) 556-0818
Facility ID:	00002121
Contact:	ANN M GRANITI
Contact Phone:	(313) 556-0818
Tank ID:	4
Tank Status:	**Removed from Ground**
Capacity:	10000
Install Date:	Apr 24 1978
Product:	Gasoline
Remove Date:	Feb 14 1992
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Cathodically Protected,Galvanized Steel
Piping Type:	Not reported
Constr Material:	Fiberglass Reinforced plastic
Impressed Device:	No

Owner Name:	Riverfront Holdings Inc
Owner Address:	485 W Milwaukee St
Owner City,St,Zip:	Detroit, MI 48202-3220
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	(313) 556-0818
Facility ID:	00002121
Contact:	ANN M GRANITI
Contact Phone:	(313) 556-0818
Tank ID:	3
Tank Status:	**Removed from Ground**

REN-CEN SERVICE GARAGE (Continued) **U000268985**

Capacity:	10000
Install Date:	Apr 24 1978
Product:	Gasoline
Remove Date:	Feb 14 1992
Tank Release Detection:	Not reported
Pipe Realease Detection:	Not reported
Piping Material:	Cathodically Protected,Galvanized Steel
Piping Type:	Not reported
Constr Material:	Fiberglass Reinforced plastic
Impressed Device:	No

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61 ENE 1/4-1/2 2500 ft. **PARKER MAJESTIC PROPERTY** **LUST U002303454**
147 JOSEPH CAMPAU **UST N/A**
DETROIT, MI 48207

Relative: Lower

Actual: 578 ft.

LUST:

Facility Status:	**Closed**
Facility ID:	00038448
Owner Name:	Stroh Prop Inc
Owner Address:	300 RIVER PLACE
Owner City,St,Zip:	DETROIT, MI 48207
Country:	USA
Owner Contact:	Not reported
Owner Phone:	(313) 446-5000
District:	SE Michigan District Office
Leak Number:	C-1644-94
Release Date:	Dec 21 1994
Site Name:	Parker-majestic Property
Substance Released:	Diesel
Closed Date:	Jun 28 1995

UST:

Owner Name:	Stroh Prop Inc
Owner Address:	300 RIVER PLACE
Owner City,St,Zip:	DETROIT, MI 48207
Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	(313) 446-5000
Facility ID:	00038448
Contact:	GREGORY MILLER
Contact Phone:	(313) 446-2121
Tank ID:	2
Tank Status:	**Removed from Ground**
Capacity:	4000
Install Date:	Not reported
Product:	BOILER/FUEL
Remove Date:	Jan 20 1995
Tank Release Detection:	Manual Tank Gauging
Pipe Realease Detection:	Not reported
Piping Material:	Bare Steel
Piping Type:	Suction: No Valve At Tank
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

Owner Name:	Stroh Prop Inc
Owner Address:	300 RIVER PLACE
Owner City,St,Zip:	DETROIT, MI 48207

PARKER MAJESTIC PROPERTY (Continued) **U002303454**

Owner Country:	USA
Owner Contact:	Not reported
Owner Phone:	(313) 446-5000
Facility ID:	00038448
Contact:	GREGORY MILLER
Contact Phone:	(313) 446-2121
Tank ID:	1
Tank Status:	**Removed from Ground**
Capacity:	6000
Install Date:	Not reported
Product:	Diesel
Remove Date:	Jan 23 1995
Tank Release Detection:	Manual Tank Gauging
Pipe Realease Detection:	Not reported
Piping Material:	Bare Steel
Piping Type:	Suction: No Valve At Tank
Constr Material:	Asphalt Coated or Bare Steel
Impressed Device:	No

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
DETROIT	S104911715	3000 ASSOCIATES LLC	3000, 3105, 3113 FRANKLIN STRE		BEA
DETROIT	S107031694	CITY OF DETROIT	AREA BOUND BY GRATIOT AVE, GUO		BEA
DETROIT	S107544038	SHELL RETAIL GASOLINE STATION	9645 JEFFERSON AVE		AUL
DETROIT	S104910991	AMMORI INVESTMENTS, INC.	2650, E. JEFFERSON AVENUE /		BEA
DETROIT	S104911640	(FORMER) BLAIN HOSPITAL	2151 JEFFERSON AVENUE		BEA
DETROIT	U003329752	FREE PRESS GARAGE	1201 E LAFAYETTE BLVD	48226	LUST, UST
DETROIT	S107031713	0.349 ACRE RIVERWALK EASEMENT PROP	MCDOUGALL AVE/ATWATER STREET		BEA
DETROIT	S106521783	HEALTH PLAN OF MICHIGAN INC.	2604 WIGHT / 2669 GUOIN STRE		BEA
DETROIT	S104912165	DEQUINDRE RAIL LINE	(JEFFERSON TO GRATIOT)		BEA
DETROIT	S105768184		14100 - 14140 E JEFFERSON		BEA
DETROIT	S105768227		1340, 1350, 1420, 1440 E. ATWA		BEA
DETROIT	S105254695	1574 E. JEFFERSON; 1578, 1520, 158	1568, 1522, 1570 E. WOODBRIDGE		BEA
DETROIT	S103594610	ST. ANNE'S GATE PROPERTIES	16TH / 18TH STREET OF LAFAYE		SHWS, DEL SHWS
DETROIT	S105768178		542 - 546 E. LARNED		BEA
DETROIT	S105768144		1461, 1399 AND 1325 E. ATWATER		BEA
DETROIT	S105768151		1560 AND 1538 FRANKLIN		BEA
DETROIT	1009312174	DETROIT RIVERFRONT CONSERVANCY	2155 EAST ATWATER	48207	RCRA-SQG
DETROIT	S105254688	ST AUBIN PARK AND MARINA	1980 E. ATWATER	48207	BEA
DETROIT	S105768167		1561 E. ATWATER	48207	BEA
DETROIT	1003871625	FEDERAL MARINE TERM PROP	1350 E ATWATER	48207	CERC-NFRAP

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

FEDERAL RECORDS

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 09/27/2006
Date Data Arrived at EDR: 11/01/2006
Date Made Active in Reports: 11/22/2006
Number of Days to Update: 21

Source: EPA
Telephone: N/A
Last EDR Contact: 11/01/2006
Next Scheduled EDR Contact: 01/29/2007
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 10
Telephone 206-553-8665

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

Proposed NPL: Proposed National Priority List Sites

Date of Government Version: 09/27/2006
Date Data Arrived at EDR: 11/01/2006
Date Made Active in Reports: 11/22/2006
Number of Days to Update: 21

Source: EPA
Telephone: N/A
Last EDR Contact: 11/01/2006
Next Scheduled EDR Contact: 01/29/2007
Data Release Frequency: Quarterly

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 09/27/2006
Date Data Arrived at EDR: 11/01/2006
Date Made Active in Reports: 11/22/2006
Number of Days to Update: 21

Source: EPA
Telephone: N/A
Last EDR Contact: 11/01/2006
Next Scheduled EDR Contact: 01/29/2007
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NPL RECOVERY: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: No Update Planned

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 08/09/2006
Date Data Arrived at EDR: 09/21/2006
Date Made Active in Reports: 11/22/2006
Number of Days to Update: 62

Source: EPA
Telephone: 703-603-8960
Last EDR Contact: 12/19/2006
Next Scheduled EDR Contact: 03/19/2007
Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 10/10/2006
Date Data Arrived at EDR: 10/25/2006
Date Made Active in Reports: 11/22/2006
Number of Days to Update: 28

Source: EPA
Telephone: 703-603-8960
Last EDR Contact: 12/18/2006
Next Scheduled EDR Contact: 03/19/2007
Data Release Frequency: Quarterly

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/27/2006
Date Data Arrived at EDR: 10/11/2006
Date Made Active in Reports: 12/13/2006
Number of Days to Update: 63

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/04/2006
Next Scheduled EDR Contact: 03/05/2007
Data Release Frequency: Quarterly

RCRA: Resource Conservation and Recovery Act Information

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/13/2006
Date Data Arrived at EDR: 06/28/2006
Date Made Active in Reports: 08/23/2006
Number of Days to Update: 56

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/13/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Quarterly

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 01/12/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 40

Source: National Response Center, United States Coast Guard
Telephone: 202-260-2342
Last EDR Contact: 10/24/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: Annually

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 08/01/2006
Date Data Arrived at EDR: 10/18/2006
Date Made Active in Reports: 11/22/2006
Number of Days to Update: 35

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 10/18/2006
Next Scheduled EDR Contact: 01/15/2007
Data Release Frequency: Annually

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 03/21/2006
Date Data Arrived at EDR: 03/27/2006
Date Made Active in Reports: 05/22/2006
Number of Days to Update: 56

Source: Environmental Protection Agency
Telephone: 703-603-8905
Last EDR Contact: 09/07/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 03/21/2006
Date Data Arrived at EDR: 03/27/2006
Date Made Active in Reports: 05/22/2006
Number of Days to Update: 56

Source: Environmental Protection Agency
Telephone: 703-603-8905
Last EDR Contact: 09/07/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOD: Department of Defense Sites
This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 02/08/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 177

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 11/10/2006
Next Scheduled EDR Contact: 02/05/2007
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites
The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 09/20/2006
Date Made Active in Reports: 11/22/2006
Number of Days to Update: 63

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 09/18/2006
Next Scheduled EDR Contact: 01/01/2007
Data Release Frequency: Varies

US BROWNFIELDS: A Listing of Brownfields Sites
Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 10/17/2006
Date Data Arrived at EDR: 10/20/2006
Date Made Active in Reports: 12/13/2006
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/11/2006
Next Scheduled EDR Contact: 03/12/2007
Data Release Frequency: Semi-Annually

CONSENT: Superfund (CERCLA) Consent Decrees
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/14/2004
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 04/25/2005
Number of Days to Update: 69

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: Varies

ROD: Records Of Decision
Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 10/07/2006
Date Data Arrived at EDR: 10/13/2006
Date Made Active in Reports: 12/13/2006
Number of Days to Update: 61

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 10/02/2006
Next Scheduled EDR Contact: 01/01/2007
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 11/04/2005
Date Data Arrived at EDR: 11/28/2005
Date Made Active in Reports: 01/30/2006
Number of Days to Update: 63

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 12/18/2006
Next Scheduled EDR Contact: 03/19/2007
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 06/22/2006
Date Made Active in Reports: 08/23/2006
Number of Days to Update: 62

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 12/19/2006
Next Scheduled EDR Contact: 03/19/2007
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 10/18/2006
Next Scheduled EDR Contact: 01/15/2007
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 10/27/2006
Date Made Active in Reports: 11/22/2006
Number of Days to Update: 26

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 12/18/2006
Next Scheduled EDR Contact: 03/19/2007
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 10/27/2006
Date Made Active in Reports: 11/22/2006
Number of Days to Update: 26

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 12/18/2006
Next Scheduled EDR Contact: 03/19/2007
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SSTS: Section 7 Tracking Systems
Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 05/11/2006
Date Made Active in Reports: 05/22/2006
Number of Days to Update: 11

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 11/07/2006
Next Scheduled EDR Contact: 01/15/2007
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 02/13/2006
Date Data Arrived at EDR: 04/21/2006
Date Made Active in Reports: 05/11/2006
Number of Days to Update: 20

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 07/17/2006
Next Scheduled EDR Contact: 10/16/2006
Data Release Frequency: Quarterly

PADS: PCB Activity Database System
PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 07/07/2006
Date Data Arrived at EDR: 08/09/2006
Date Made Active in Reports: 09/06/2006
Number of Days to Update: 28

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 11/29/2006
Next Scheduled EDR Contact: 02/05/2007
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 10/31/2006
Date Made Active in Reports: 12/13/2006
Number of Days to Update: 43

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 10/02/2006
Next Scheduled EDR Contact: 01/01/2007
Data Release Frequency: Quarterly

MINES: Mines Master Index File
Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/09/2006
Date Data Arrived at EDR: 09/27/2006
Date Made Active in Reports: 11/27/2006
Number of Days to Update: 61

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 09/27/2006
Next Scheduled EDR Contact: 12/25/2006
Data Release Frequency: Semi-Annually

FINDS: Facility Index System/Facility Registry System
Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 10/11/2006
Date Data Arrived at EDR: 10/18/2006
Date Made Active in Reports: 12/13/2006
Number of Days to Update: 56

Source: EPA
Telephone: N/A
Last EDR Contact: 10/02/2006
Next Scheduled EDR Contact: 01/01/2007
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 12/04/2006
Next Scheduled EDR Contact: 03/05/2007
Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2003
Date Data Arrived at EDR: 06/17/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 48

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 12/15/2006
Next Scheduled EDR Contact: 03/12/2007
Data Release Frequency: Biennially

STATE AND LOCAL RECORDS

SHWS: Contaminated Sites

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 08/16/2006
Date Data Arrived at EDR: 08/23/2006
Date Made Active in Reports: 09/14/2006
Number of Days to Update: 22

Source: Department of Environmental Quality
Telephone: 517-373-9541
Last EDR Contact: 11/22/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Semi-Annually

DEL SHWS: Delisted List of Contaminated Sites

Sites that have been delisted or deleted from the List of Contaminated Sites. The available documentation for the site does not support it's listing or the site no longer meets criteria specified in rules.

Date of Government Version: 08/28/2006
Date Data Arrived at EDR: 08/29/2006
Date Made Active in Reports: 09/14/2006
Number of Days to Update: 16

Source: Department of Environmental Quality
Telephone: 517-373-9541
Last EDR Contact: 11/20/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Varies

SWF/LF: Solid Waste Facilities Database

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 08/01/2006
Date Data Arrived at EDR: 08/08/2006
Date Made Active in Reports: 09/14/2006
Number of Days to Update: 37

Source: Department of Environmental Quality
Telephone: 517-335-4035
Last EDR Contact: 11/06/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: Semi-Annually

HIST LF: Inactive Solid Waste Facilities
The database contains historical information and is no longer updated.

Date of Government Version: 03/01/1997
Date Data Arrived at EDR: 02/28/2003
Date Made Active in Reports: 03/06/2003
Number of Days to Update: 6

Source: Department of Environmental Quality
Telephone: 517-335-4034
Last EDR Contact: 02/28/2003
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

LUST: Leaking Underground Storage Tank Sites
Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 09/13/2006
Date Data Arrived at EDR: 09/13/2006
Date Made Active in Reports: 10/19/2006
Number of Days to Update: 36

Source: Department of Environmental Quality
Telephone: 517-373-9837
Last EDR Contact: 12/13/2006
Next Scheduled EDR Contact: 03/12/2007
Data Release Frequency: Annually

UST: Underground Storage Tank Facility List
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 09/13/2006
Date Data Arrived at EDR: 09/13/2006
Date Made Active in Reports: 10/19/2006
Number of Days to Update: 36

Source: Department of Environmental Quality
Telephone: 517-373-8168
Last EDR Contact: 12/13/2006
Next Scheduled EDR Contact: 03/12/2007
Data Release Frequency: Annually

AST: Aboveground Tanks
Registered Aboveground Storage Tanks.

Date of Government Version: 09/18/2006
Date Data Arrived at EDR: 09/18/2006
Date Made Active in Reports: 10/20/2006
Number of Days to Update: 32

Source: Department of Environmental Quality
Telephone: 517-373-8168
Last EDR Contact: 12/11/2006
Next Scheduled EDR Contact: 03/12/2007
Data Release Frequency: No Update Planned

PEAS: Pollution Emergency Alerting System
Environmental pollution emergencies reported to the Department of Environmental Quality such as tanker accidents, pipeline breaks, and release of reportable quantities of hazardous substances.

Date of Government Version: 10/25/2006
Date Data Arrived at EDR: 10/27/2006
Date Made Active in Reports: 12/12/2006
Number of Days to Update: 46

Source: Department of Environmental Quality
Telephone: 517-373-8427
Last EDR Contact: 10/02/2006
Next Scheduled EDR Contact: 01/01/2007
Data Release Frequency: Quarterly

AUL: Engineering and Institutional Controls
A listing of sites with institutional and/or engineering controls in place.

Date of Government Version: 06/30/2006
Date Data Arrived at EDR: 06/30/2006
Date Made Active in Reports: 08/09/2006
Number of Days to Update: 40

Source: Department of Environmental Quality
Telephone: 517-373-4828
Last EDR Contact: 12/27/2006
Next Scheduled EDR Contact: 03/26/2007
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DRYCLEANERS: Drycleaning Establishments
A listing of drycleaning facilities in Michigan.

Date of Government Version: 08/01/2006
Date Data Arrived at EDR: 08/31/2006
Date Made Active in Reports: 09/14/2006
Number of Days to Update: 14

Source: Department of Environmental Quality
Telephone: 517-335-4586
Last EDR Contact: 11/13/2006
Next Scheduled EDR Contact: 02/12/2007
Data Release Frequency: Varies

BROWNFIELDS: Brownfields and USTfield Site Database
All state funded Part 201 and 213 sites, as well as LUST sites that have been redeveloped by private entities using the BEA process. Be aware that this is not a list of all of the potential brownfield sites in Michigan.

Date of Government Version: 09/18/2006
Date Data Arrived at EDR: 09/20/2006
Date Made Active in Reports: 10/19/2006
Number of Days to Update: 29

Source: Department of Environmental Quality
Telephone: 517-373-4805
Last EDR Contact: 11/20/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Varies

NPDES: List of Active NPDES Permits
General information regarding NPDES (National Pollutant Discharge Elimination System) permits and NPDES Storm Water permits.

Date of Government Version: 10/12/2006
Date Data Arrived at EDR: 11/01/2006
Date Made Active in Reports: 12/12/2006
Number of Days to Update: 41

Source: Department of Environmental Quality
Telephone: 517-241-1300
Last EDR Contact: 11/01/2006
Next Scheduled EDR Contact: 01/29/2007
Data Release Frequency: Varies

AIRS: Permit and Emissions Inventory Data
Permit and emissions inventory data.

Date of Government Version: 11/08/2006
Date Data Arrived at EDR: 11/16/2006
Date Made Active in Reports: 12/12/2006
Number of Days to Update: 26

Source: Department of Environmental Quality
Telephone: 517-373-7074
Last EDR Contact: 12/13/2006
Next Scheduled EDR Contact: 01/15/2007
Data Release Frequency: Varies

BEA: BASELINE ENVIRONMENTAL ASSESSMENT DATABASE

Date of Government Version: 09/14/2006
Date Data Arrived at EDR: 09/15/2006
Date Made Active in Reports: 10/19/2006
Number of Days to Update: 34

Source: DEPT. OF ENVIRONMENTAL QUALITY
Telephone: 517-373-9541
Last EDR Contact: 12/11/2006
Next Scheduled EDR Contact: 03/12/2007
Data Release Frequency: Semi-Annually

TRIBAL RECORDS

INDIAN RESERV: Indian Reservations
This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 02/08/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 177

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 11/10/2006
Next Scheduled EDR Contact: 02/05/2007
Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 09/07/2006
Date Data Arrived at EDR: 09/08/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 61

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Minnesota, Mississippi and North Carolina.

Date of Government Version: 08/24/2006
Date Data Arrived at EDR: 09/11/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 58

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Semi-Annually

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 01/04/2005
Date Data Arrived at EDR: 01/21/2005
Date Made Active in Reports: 02/28/2005
Number of Days to Update: 38

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/30/2006
Date Data Arrived at EDR: 09/06/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 63

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 09/11/2006
Date Data Arrived at EDR: 09/11/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 58

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 09/06/2006
Date Data Arrived at EDR: 10/04/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 35

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 09/06/2006
Date Data Arrived at EDR: 10/04/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 35

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R4: Underground Storage Tanks on Indian Land

Date of Government Version: 08/24/2006
Date Data Arrived at EDR: 09/11/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 58

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Semi-Annually

INDIAN UST R9: Underground Storage Tanks on Indian Land

Date of Government Version: 09/06/2006
Date Data Arrived at EDR: 10/04/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 35

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

Date of Government Version: 09/11/2006
Date Data Arrived at EDR: 09/11/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 58

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Quarterly

INDIAN UST R5: Underground Storage Tanks on Indian Land

Date of Government Version: 12/02/2004
Date Data Arrived at EDR: 12/29/2004
Date Made Active in Reports: 02/04/2005
Number of Days to Update: 37

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

Date of Government Version: 08/30/2006
Date Data Arrived at EDR: 09/06/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 63

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Quarterly

INDIAN UST R6: Underground Storage Tanks on Indian Land

Date of Government Version: 08/28/2006
Date Data Arrived at EDR: 08/29/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 71

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land
A listing of underground storage tank locations on Indian Land.

Date of Government Version: 09/07/2006
Date Data Arrived at EDR: 09/08/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 61

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

Date of Government Version: 09/06/2006
Date Data Arrived at EDR: 10/04/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 35

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR PROPRIETARY RECORDS

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Historical Auto Stations: EDR Proprietary Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Historical Cleaners: EDR Proprietary Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 02/17/2006
Date Made Active in Reports: 04/07/2006
Number of Days to Update: 49

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 12/11/2006
Next Scheduled EDR Contact: 03/12/2007
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 11/01/2006
Date Data Arrived at EDR: 11/13/2006
Date Made Active in Reports: 12/13/2006
Number of Days to Update: 30

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 11/13/2006
Next Scheduled EDR Contact: 01/01/2007
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 08/01/2006
Date Data Arrived at EDR: 08/30/2006
Date Made Active in Reports: 10/16/2006
Number of Days to Update: 47

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/29/2006
Next Scheduled EDR Contact: 02/26/2007
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 06/06/2006
Number of Days to Update: 81

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 12/11/2006
Next Scheduled EDR Contact: 03/12/2007
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 04/11/2006
Date Data Arrived at EDR: 10/31/2006
Date Made Active in Reports: 12/18/2006
Number of Days to Update: 48

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 12/18/2006
Next Scheduled EDR Contact: 03/19/2007
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 05/02/2006
Number of Days to Update: 46

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/08/2007
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data
Source: PennWell Corporation
Telephone: (800) 823-6277
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Day Care Centers, Group & Family Homes
Source: Bureau of REgulatory Services
Telephone: 517-373-8300

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory
Source: Department of Natural Resources
Telephone: 517-241-2254

STREET AND ADDRESS INFORMATION

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GEOCHECK®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

5324D-1-17
1938 FRANKLIN STREET
DETROIT, MI 48207

TARGET PROPERTY COORDINATES

Latitude (North):	42.33470 - 42˚ 20' 4.9"
Longitude (West):	83.0266 - 83˚ 1' 35.8"
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	333036.3
UTM Y (Meters):	4688713.5
Elevation:	583 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	42083-C1 DETROIT, MI
Most Recent Revision:	1980

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

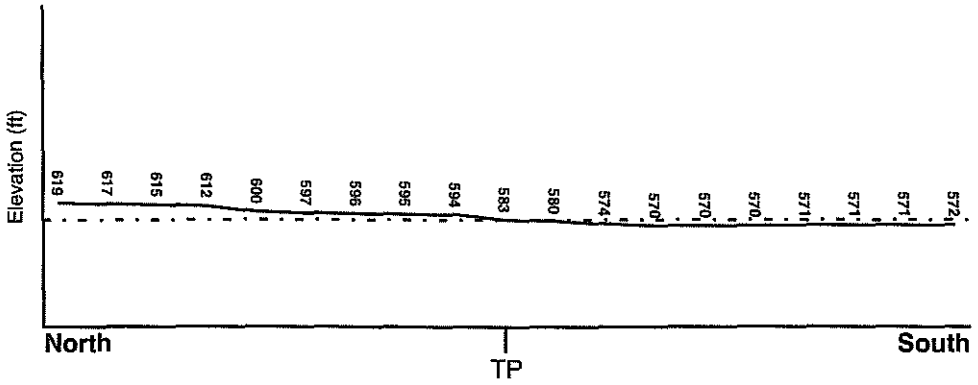
TOPOGRAPHIC INFORMATION

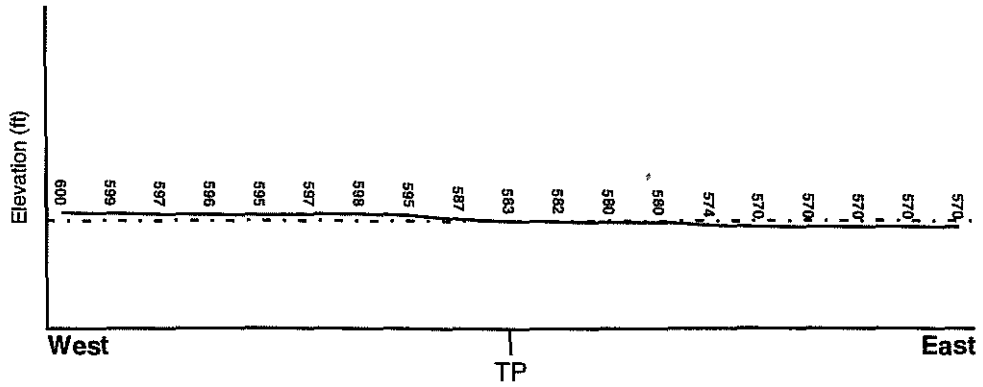
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SSE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Target Property Elevation: 583 ft.

0 1/2 1 Miles

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
WAYNE, MI	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 2602220035B

Additional Panels in search area: 2602220030B

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
DETROIT	Not Available

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius: 1.25 miles
Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
A1	1/8 - 1/4 Mile SW	NE
A2	1/8 - 1/4 Mile SW	NE
3	1/4 - 1/2 Mile East	Not Reported
4	1/4 - 1/2 Mile SW	Varies
5	1/2 - 1 Mile WSW	NE

For additional site information, refer to Physical Setting Source Map Findings.

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Paleozoic
System:	Devonian
Series:	Middle Devonian
Code:	D2 *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name:	URBANLAND
Soil Surface Texture:	variable
Hydrologic Group:	Not reported
Soil Drainage Class:	Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel:	Not Reported
Depth to Bedrock Min:	> 0 inches
Depth to Bedrock Max:	> 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	60 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: clay loam
loamy fine sand
loamy sand

Surficial Soil Types: clay loam
loamy fine sand
loamy sand

Shallow Soil Types: sand
silty clay

Deeper Soil Types: silt loam
sand
clay loam
silty clay

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

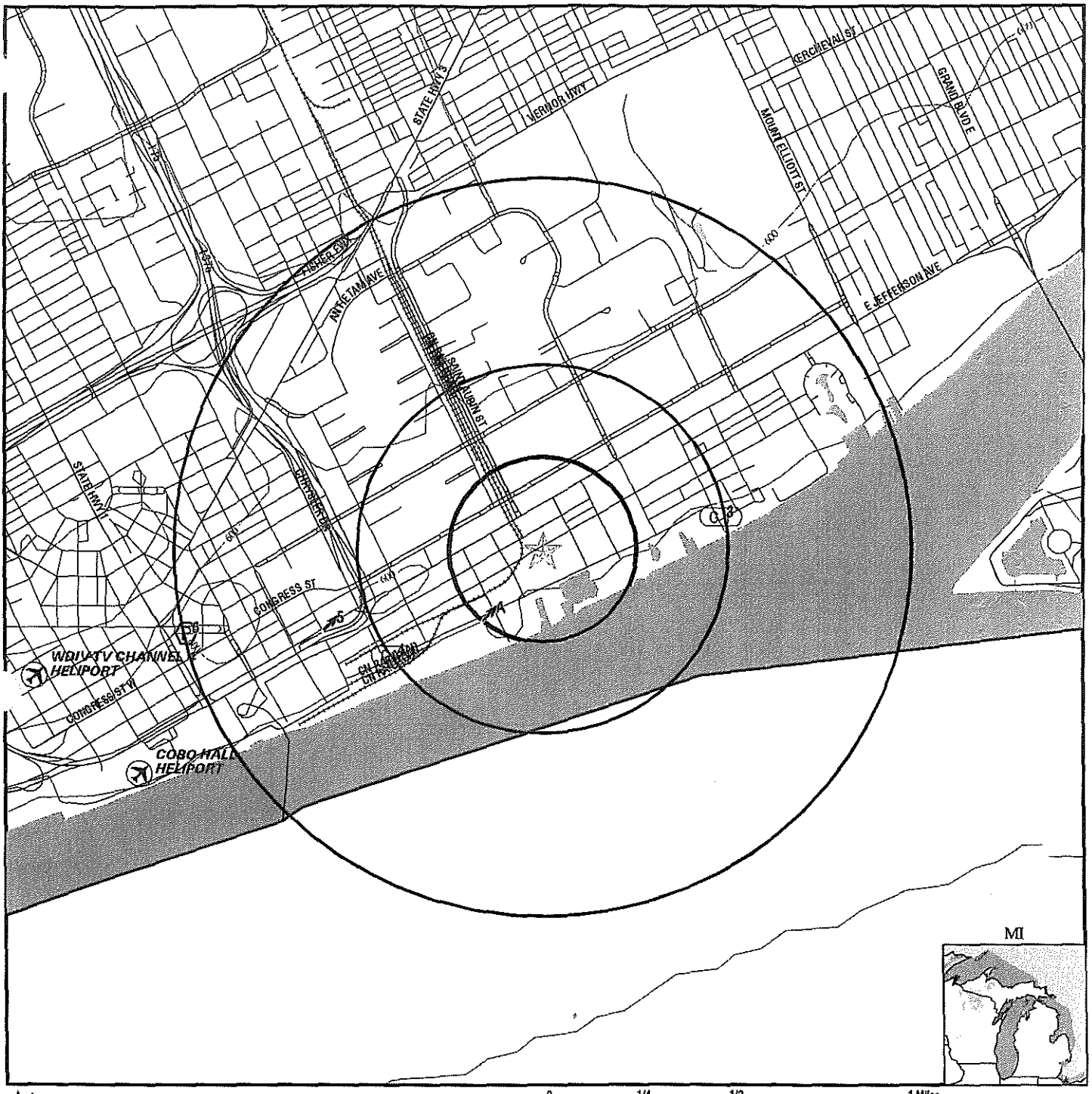
MAP ID	WELL ID	LOCATION FROM TP
6	MI0081801	1/2 - 1 Mile WSW

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 1824822.2s



County Boundary
Major Roads
Contour Lines
Airports
Earthquake epicenter, Richter 5 or greater
Water Wells
Public Water Supply Wells
Cluster of Multiple Icons

0 1/4 1/2 1 Miles

Groundwater Flow Direction
GI Indeterminate Groundwater Flow at Location
GV Groundwater Flow Varies at Location
HD Closest Hydrogeological Data
Oil, gas or related wells

SITE NAME: 5324d-1-17 ADDRESS: 1938 Franklin Street Detroit MI 48207 LAT/LONG: 42.3347 / 83.0266	CLIENT: AKT Environmental Consultants CONTACT: Tim McGahey INQUIRY #: 1824822.2s DATE: December 27, 2006 2:15 pm

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
A1 **SW** **1/8 - 1/4 Mile** **Lower**	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	826884 NE 1 5.5 Not Reported 07/08/1991	**AQUIFLOW**	**34943**
A2 **SW** **1/8 - 1/4 Mile** **Lower**	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	826561 NE 1 5.5 Not Reported 07/08/1991	**AQUIFLOW**	**34944**
3 **East** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	826740 Not Reported 1 3 2 02/20/1995	**AQUIFLOW**	**34936**
4 **SW** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	820663 Varies 1 3.5 Not Reported 02/28/1995	**AQUIFLOW**	**35327**
5 **WSW** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	820077 NE 2 3 Not Reported 06/05/1998	**AQUIFLOW**	**35417**

6
WSW
1/2 - 1 Mile
Higher

FRDS PWS **MI0081801**

PWS ID:	MI0081801	PWS Status:	Active
Date Initiated:	7412	Date Deactivated:	Not Reported
PWS Name:	DETROIT WATER BOARD 735 RANDOLF ST DETROIT, MI 48226		
Addressee / Facility:	System Owner/Responsible Party DETROIT LAKE HURON PLANT 3993 METCALF RD NORTH STREET, MI 48048		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Facility Latitude:	42 19 53	Facility Longitude:	083 02 44
City Served:	DETROIT COMM		
Treatment Class:	Treated	Population:	00000000

PWS currently has or had major violation(s) or enforcement: No

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: MI Radon

Radon Test Results

Test Type	Zip	Floor	Stop Date	Can 1 Res pCi/L	Can 1 Error	Can 2 Res pCi/L	Can 2 Error
Random	48207	0	1/14/88	1.3	23.4%		

State Database: MI Radon

Radon Test Results

Zip	Less than sign	Pci/L
48207	<	0.30
48207		2.30
48207		1.30
48207	<	0.30

Federal EPA Radon Zone for WAYNE County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 48207

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	Not Reported	Not Reported	Not Reported	Not Reported
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	1.300 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory
Source: Department of Natural Resources
Telephone: 517-241-2254

HYDROGEOLOGIC INFORMATION

AQUIFLOW[R] Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Data
Source: Department of Environmental Quality
Telephone: 517-335-9218

OTHER STATE DATABASE INFORMATION

Michigan Oil and Gas Wells
Source: Michigan Department of Natural Resources
Locations of oil and gas wells are compiled from permit records on file at the Geological Survey Division (GSD), Michigan Department of Natural Resources.

RADON

State Database: MI Radon
Source: Department of Environmental Quality
Telephone: 517-335-9551
Radon Test Results

Michigan Radon Test Results
Source: Department of Environmental Quality
Telephone: 517-335-8037
These results are from test kits distributed by the local health departments and used by Michigan residents. There is no way of knowing whether the devices were used properly, whether there are duplicates (or repeat verification) test (i.e., more than one sample per home), etc.

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

STREET AND ADDRESS INFORMATION

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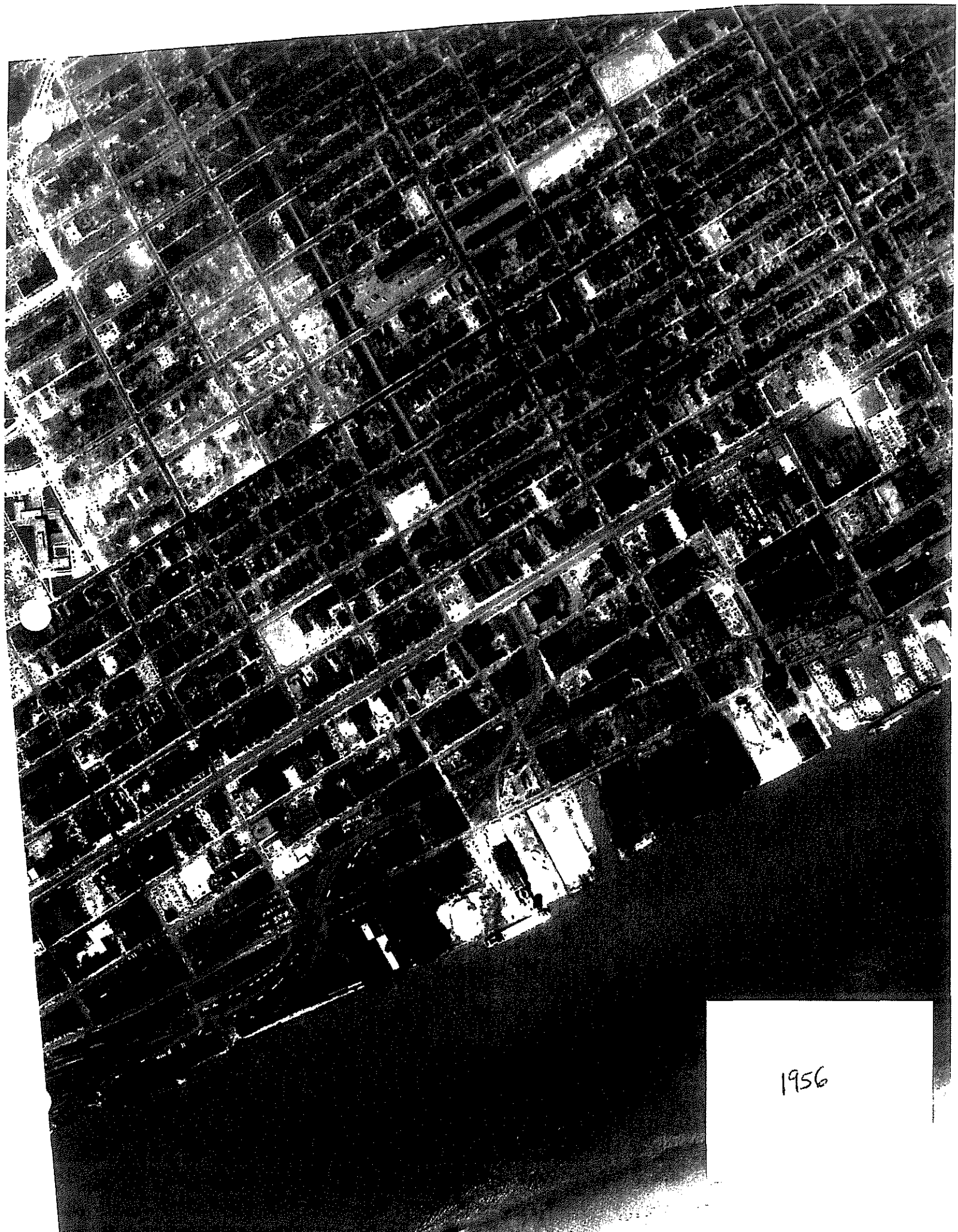
AKTPEERLESS
environmental services

APPENDIX E

AERIAL PHOTOGRAPH DOCUMENTATION

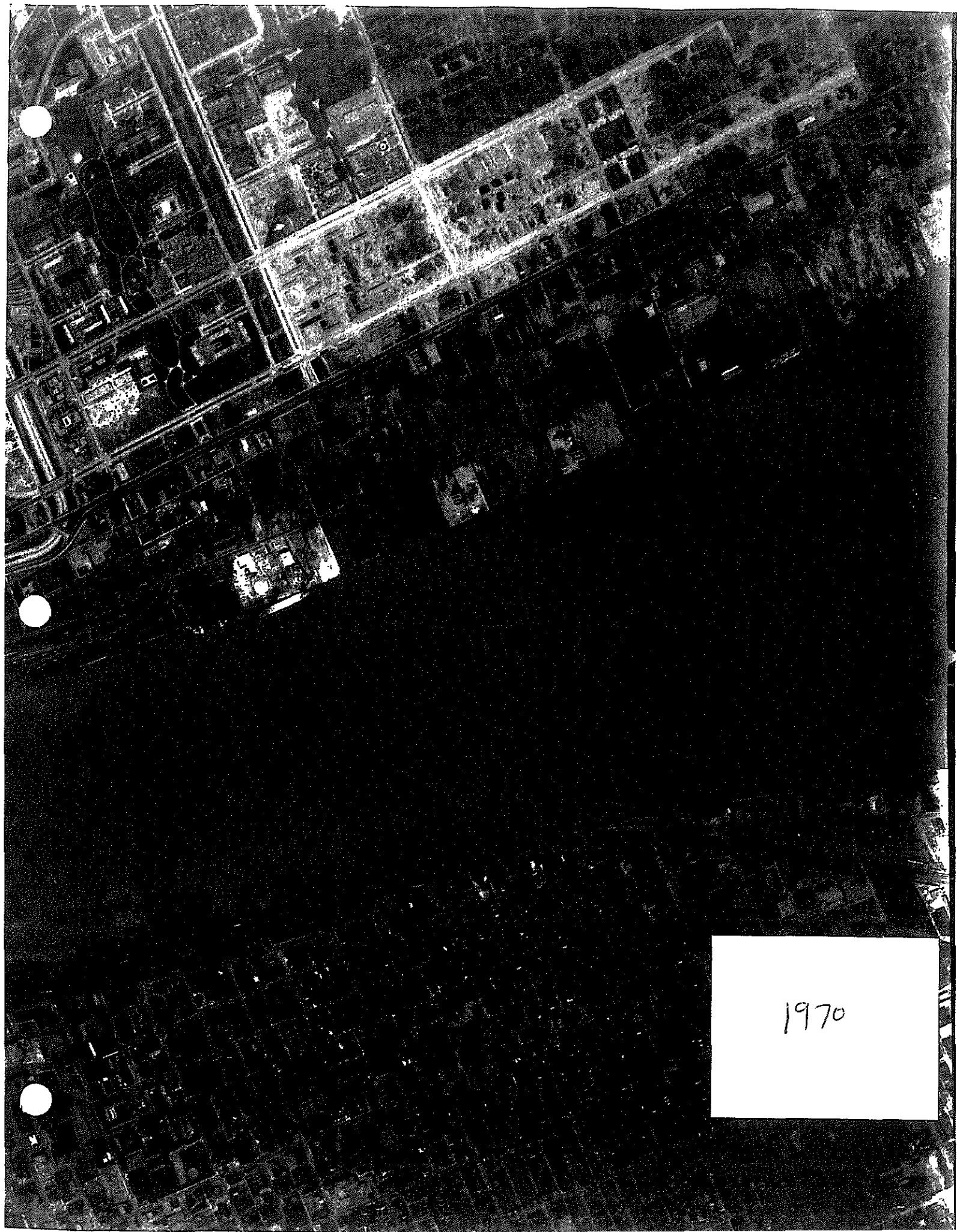
1949

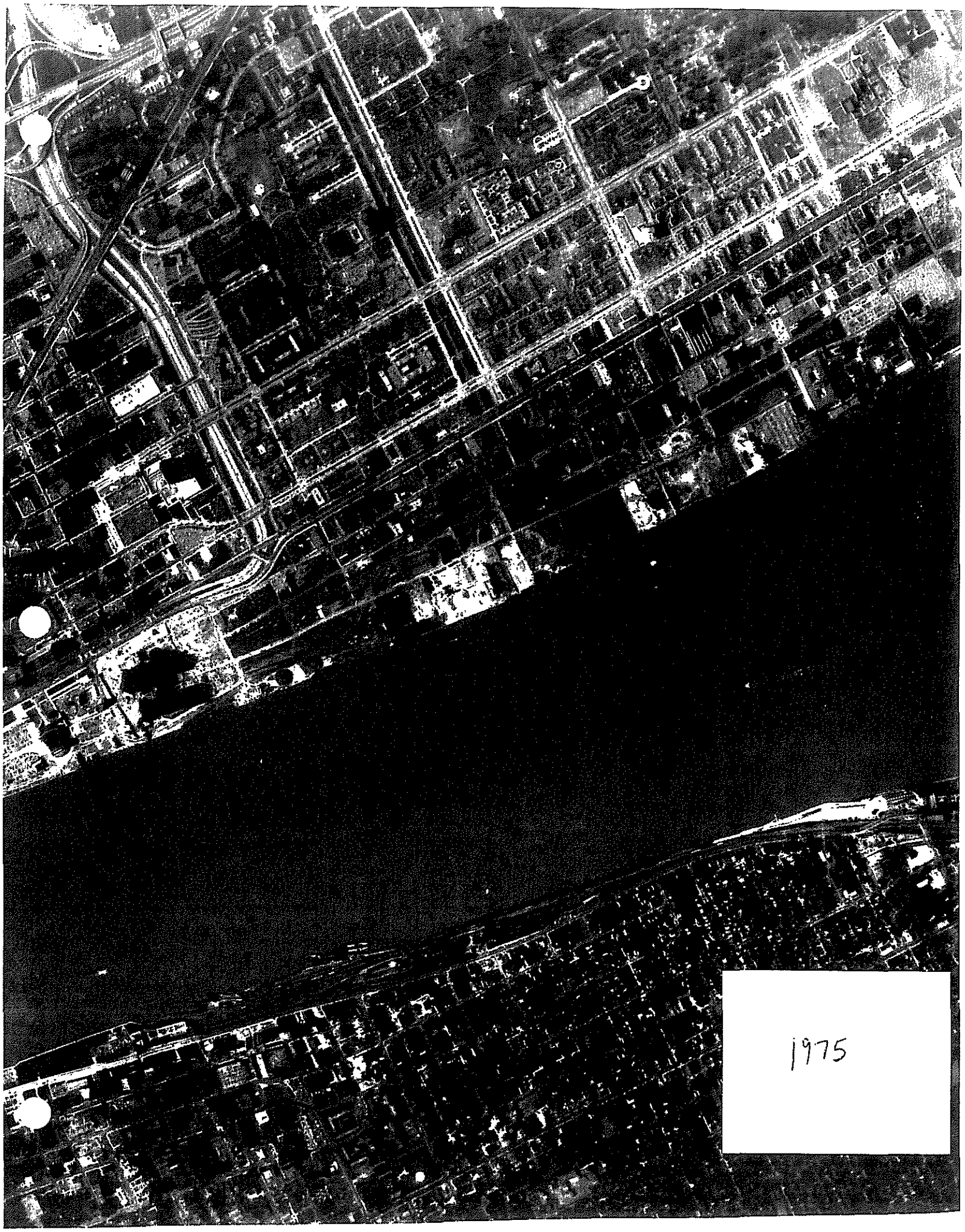
1952


1956

1961

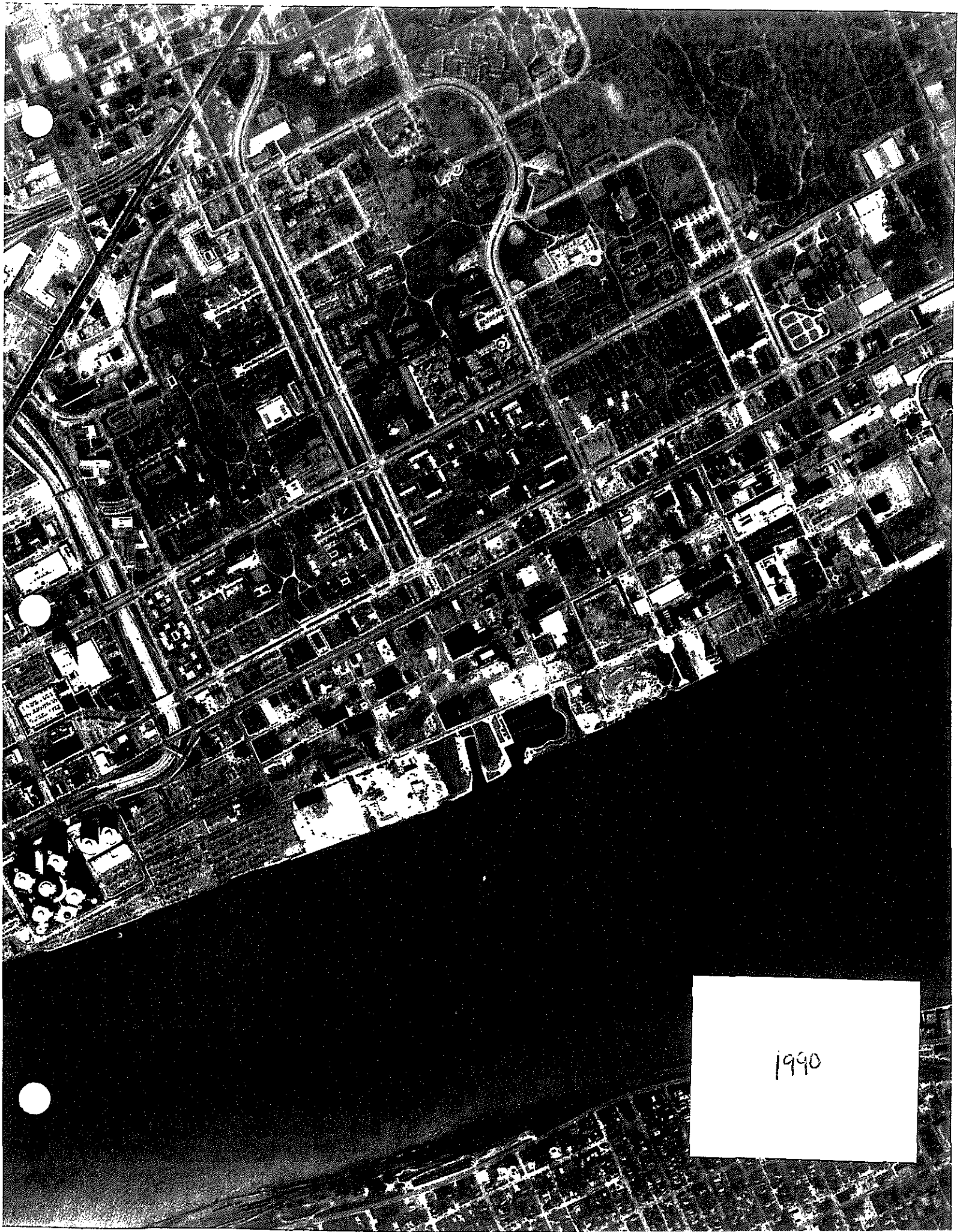
152.06
1966

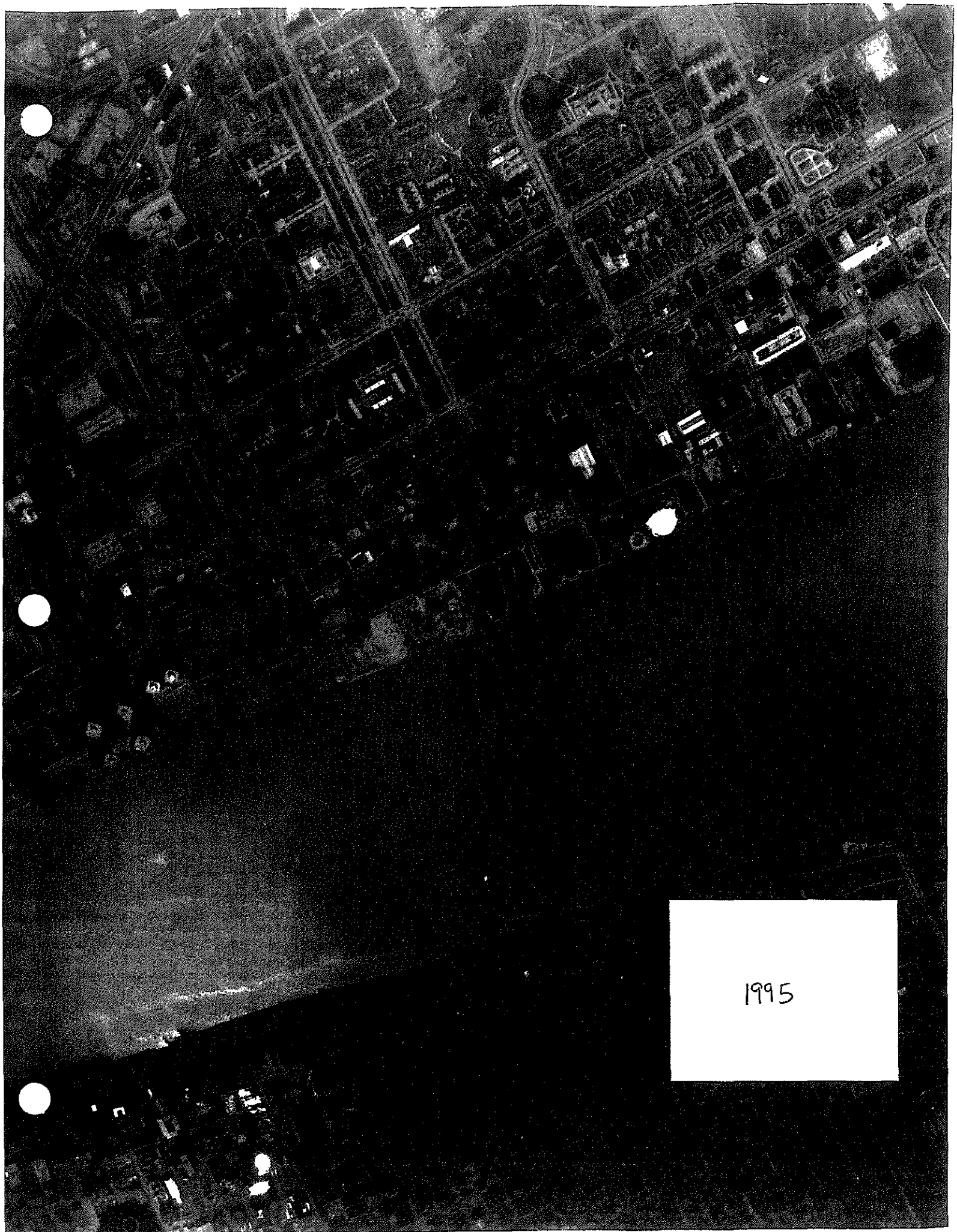

1970


1975

1980

1985


1990


1995

2000

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APPENDIX F

HISTORICAL RESEARCH DOCUMENTATION

EDR® Environmental Data Resources Inc

"Linking Technology with Tradition"®

Sanborn® Map Report

Ship To: Tim McGahey
AKT Environmental
22725 Orchard Lake Road
Farmington Hills, MI

Order Date: 12/27/2006 **Completion Date:** 12/28/2006
Inquiry #: 1824822.3s
P.O. #: 5324d-1-17
Site Name: 5324d-1-17
Address: 1938 Franklin Street
City/State: Detroit, MI 48207
Cross Streets:

Customer Project: 5324d-1-17
1013685MEN 248-615-1333

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

1884 - 1 Map
1897 - 2 Maps
1922 - 2 Maps
1950 - 2 Maps
1953 - 2 Maps
1957 - 2 Maps
1961 - 2 Maps
1977 - 2 Maps
1988 - 2 Maps
1991 - 2 Maps

Limited Permission to Photocopy Total Maps: 19

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USER'S GUIDE

This User's Guide provides guidelines for accessing Sanborn Map® images and for transferring them to your Word Processor.

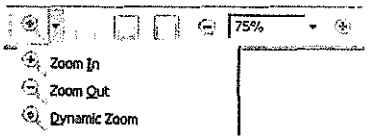
Reading Sanborn Maps

Sanborn Maps document historical property use by displaying property information through words, abbreviations, and map symbols. The Sanborn Map Key provides information to help interpret the symbols and abbreviations used on Sanborn Maps. The Key is available from EDR's Web Site at: http://www.edrnet.com/reports/samples/key.pdf

Organization of Electronic Sanborn Image File

- Sanborn Map Report, listing years of coverage
- User's Guide
- Oldest Sanborn Map Image
- Most recent Sanborn Map Image

Navigating the Electronic Sanborn Image File



1. Open file on screen.
2. Identify TP (Target Property) on the most recent map.
3. Find TP on older printed images.
4. Using Acrobat® Reader®, zoom to 250% in order to view more clearly. (200-250% is the approximate equivalent scale of hardcopy Sanborn Maps.)
   A. On the menu bar, click "View" and then "Zoom to..."
   B. Or, use the magnifying tool and drag a box around the TP

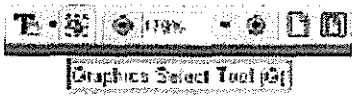
Printing a Sanborn Map From the Electonic File

- EDR recommends printing images at 300 dpi (300 dpi prints faster than 600 dpi)
- To print only the TP area, cut and paste from Acrobat to your word processor application.

Acrobat Versions 6 and 7

1. Go to the menu bar
2. Click the "Select Tool"
3. Draw a box around the area selected
4. "Right click" on your mouse
5. Select "Copy Image to Clipboard"
6. Go to Word Processor such as Microsoft Word, paste and print.

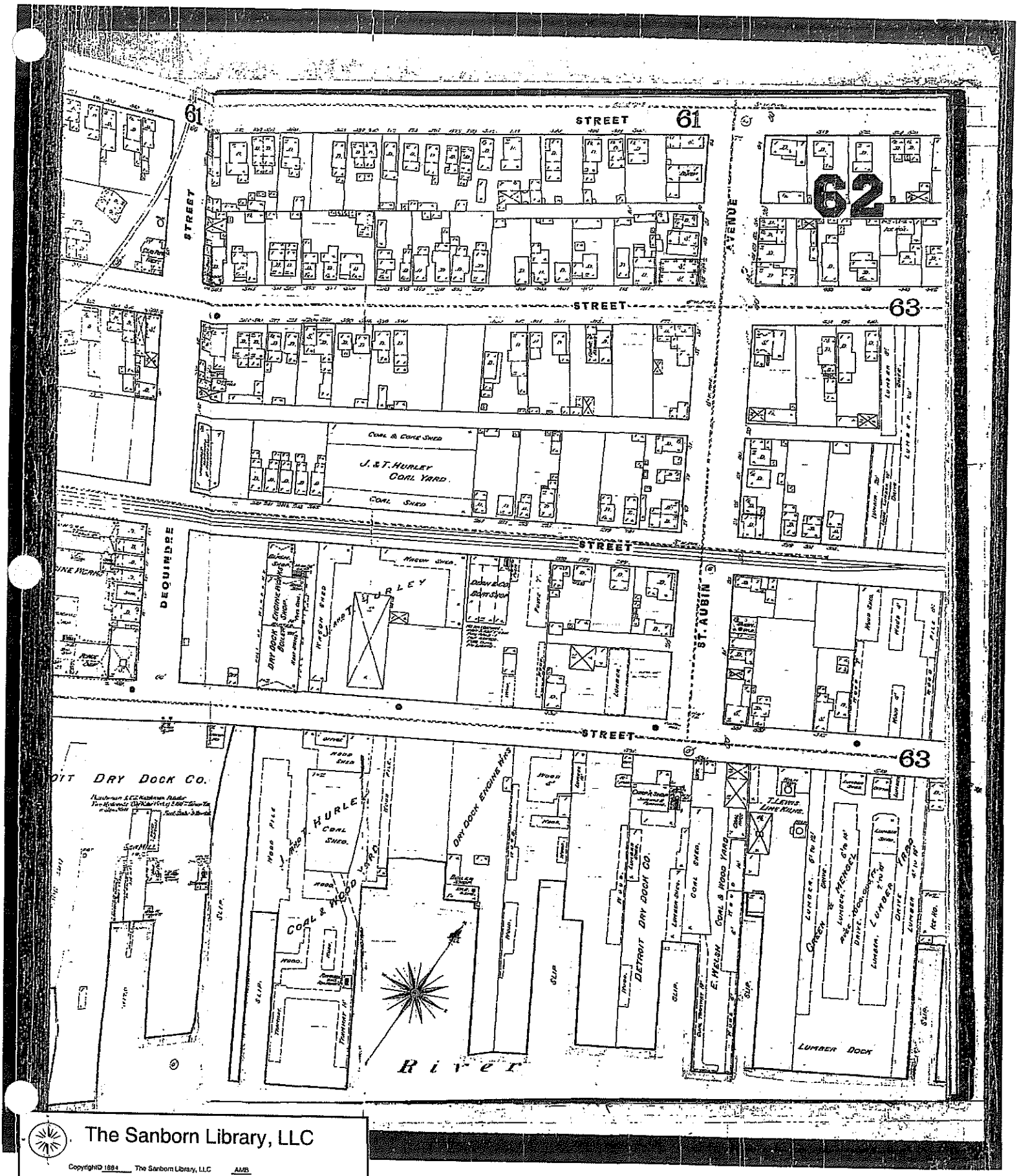
Acrobat Version 5



1. Go to the menu bar
2. Click the "Graphics Select Tool"
3. Draw a box around the area selected
4. Go to "Menu"
5. Highlight "Edit"
6. Highlight "Copy"
7. Go to Word Processor such as Microsoft Word, paste and print.

Important Information about Email Delivery of Electronic Sanborn Map Images

- Images are grouped intro one file, up to 2MB.
- In cases where in excess of 6-7 map years are available, the file size typically exceeds 2MB. In these cases, you will receive multiple files, labeled as "1 of 3", "2 of 3", etc. including all available map years.
- Due to file size limitations, certain ISPs, including AOL, may occasionally delay or decline to deliver files. Please contact your ISP to identify their specific file size limitations.



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Year EDR Research Associate

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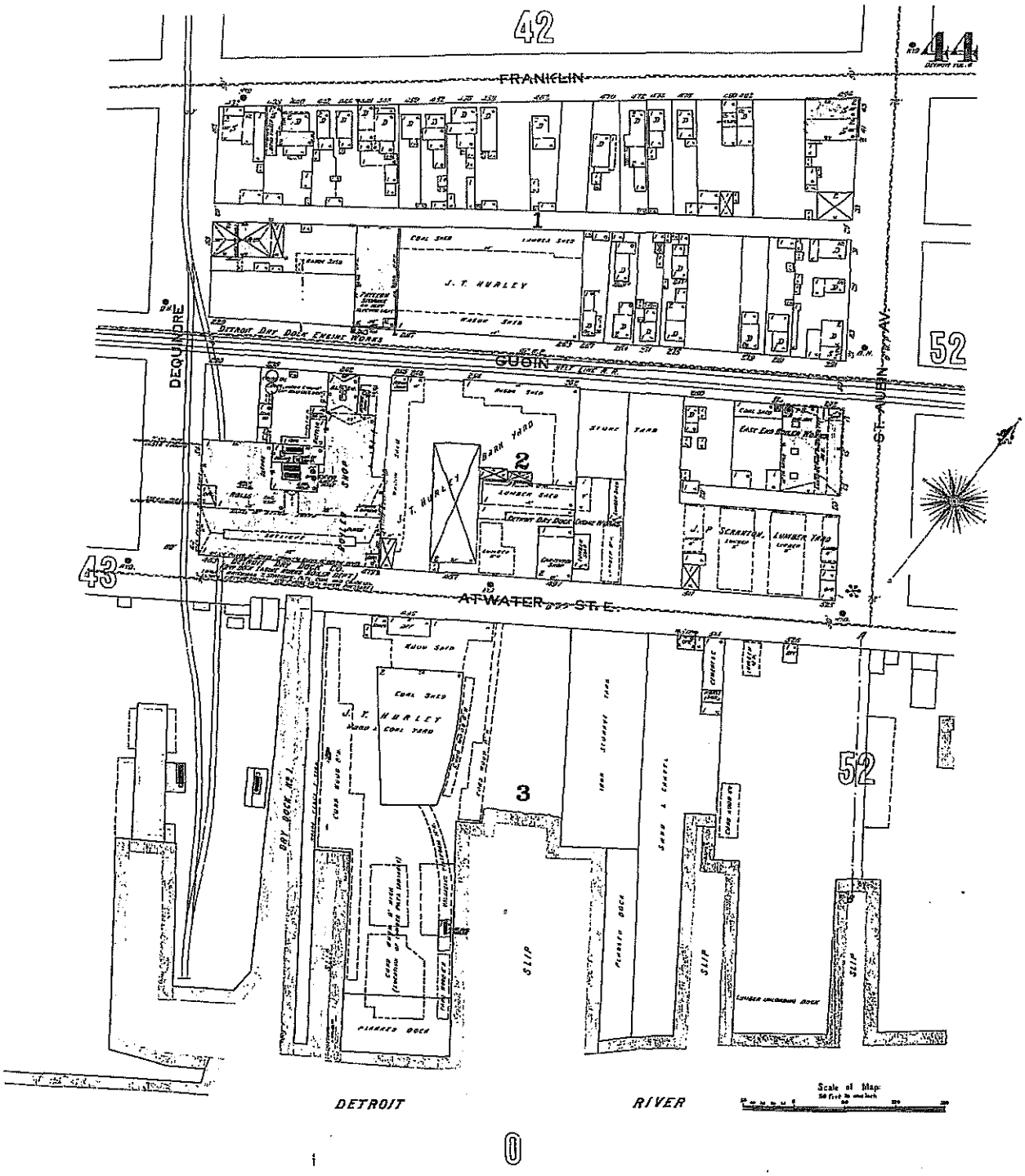

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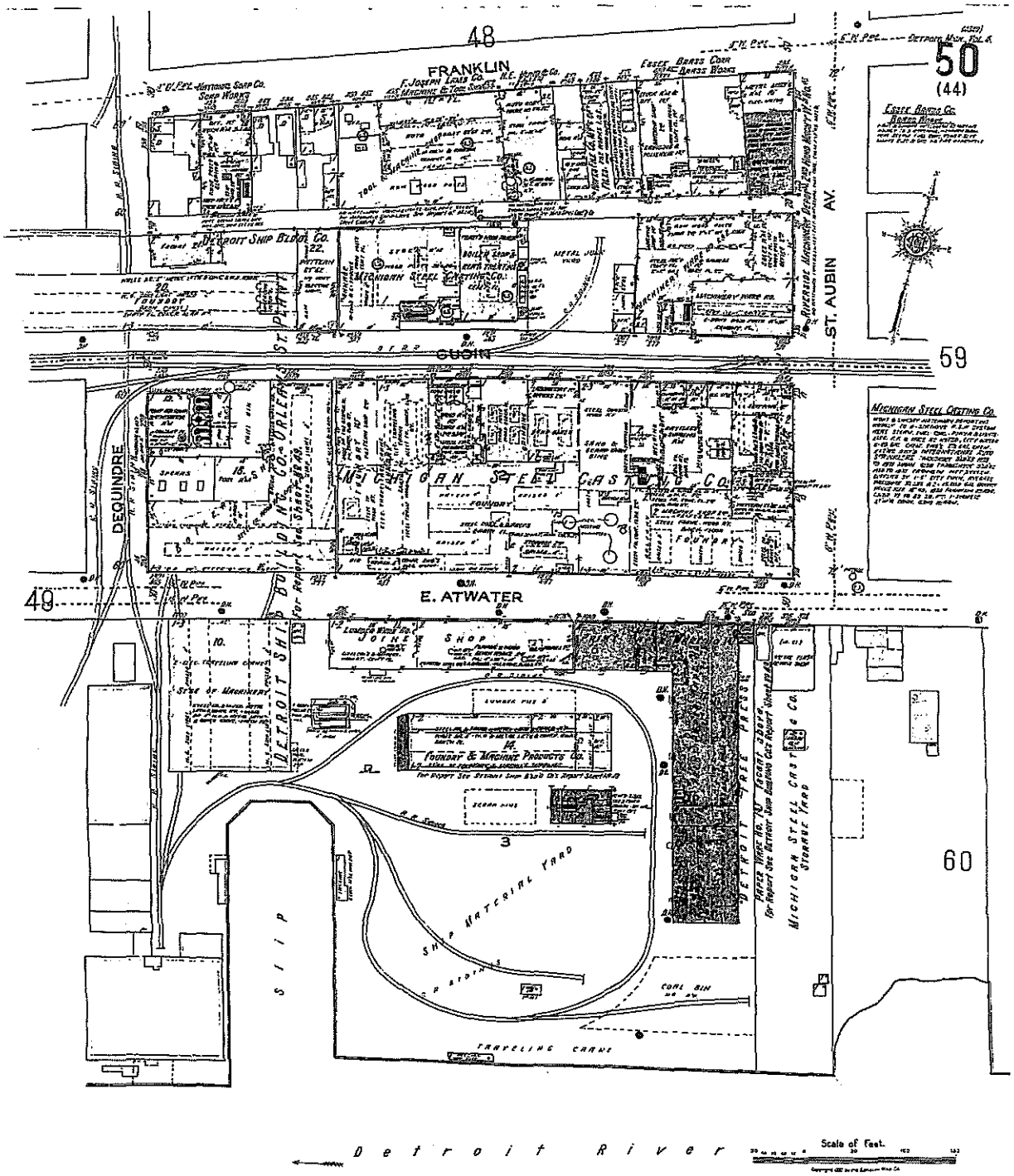

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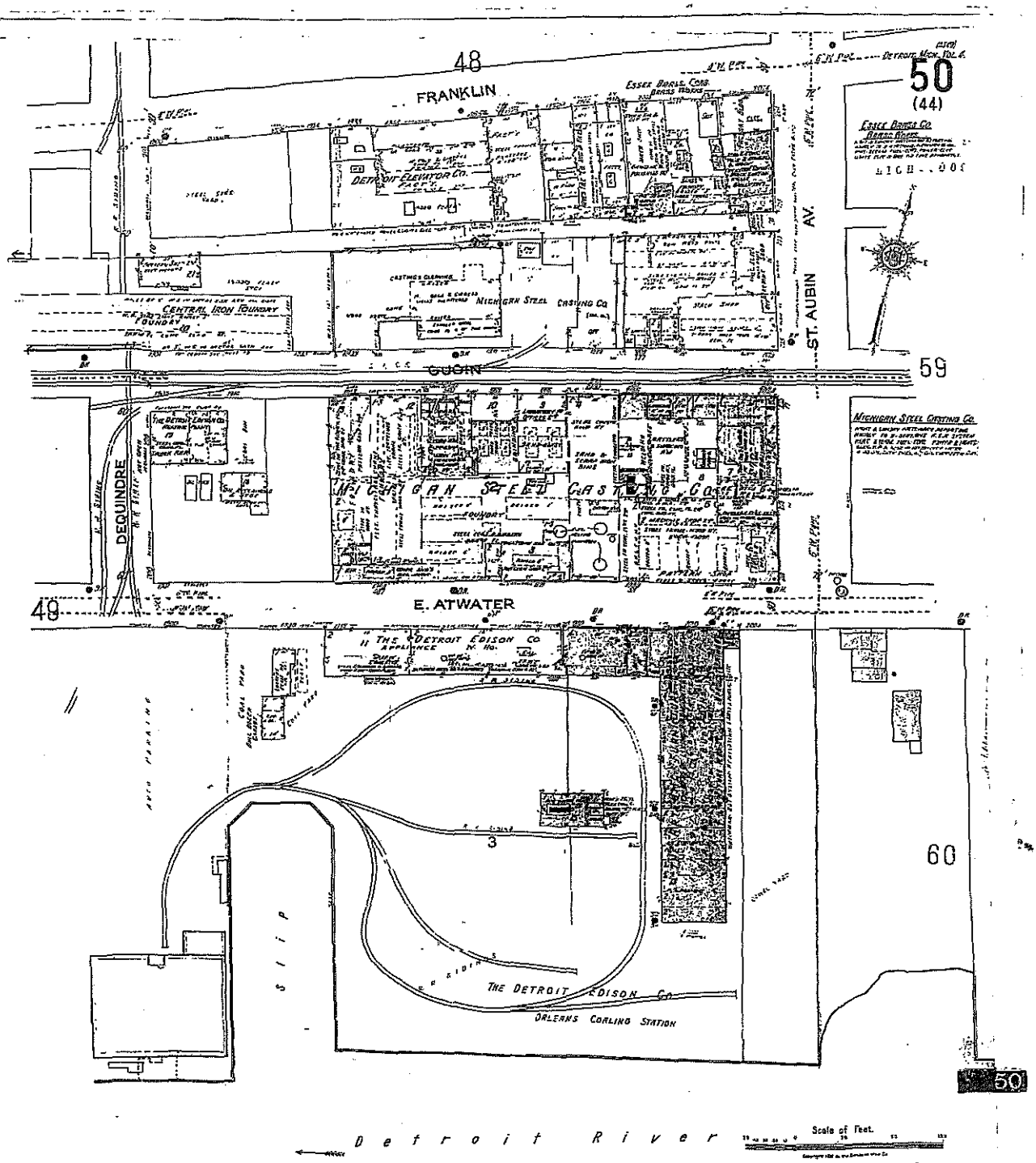

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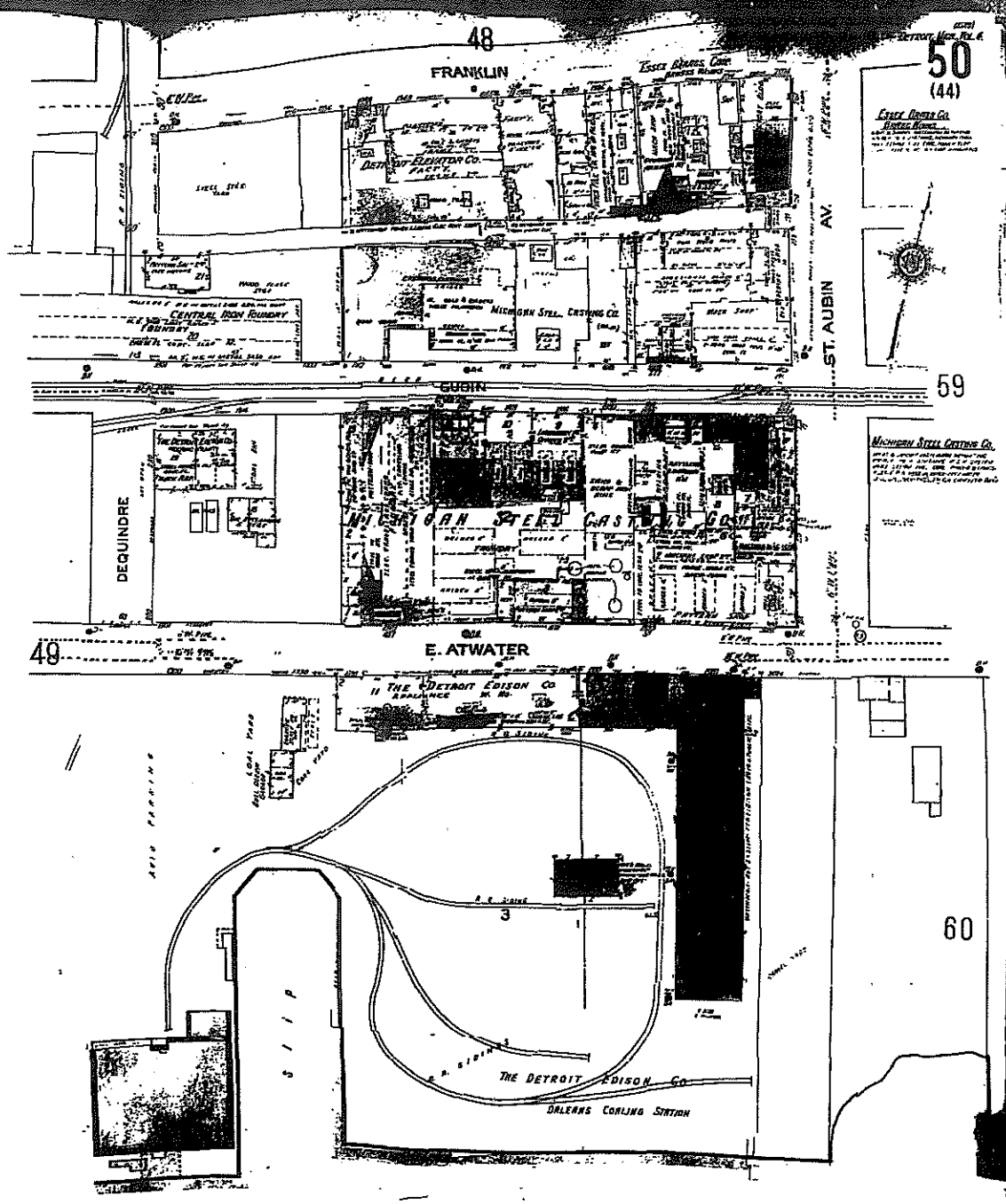

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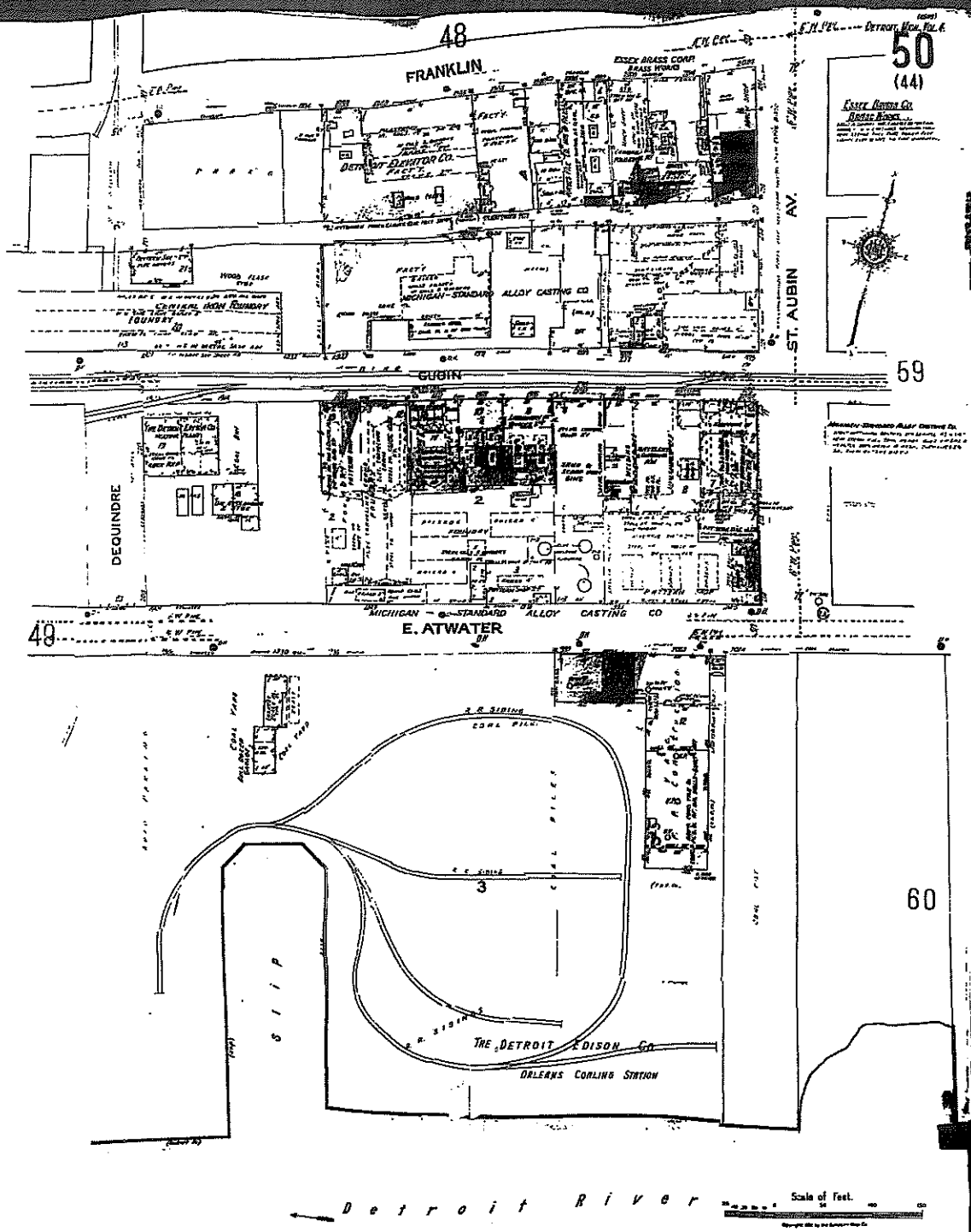

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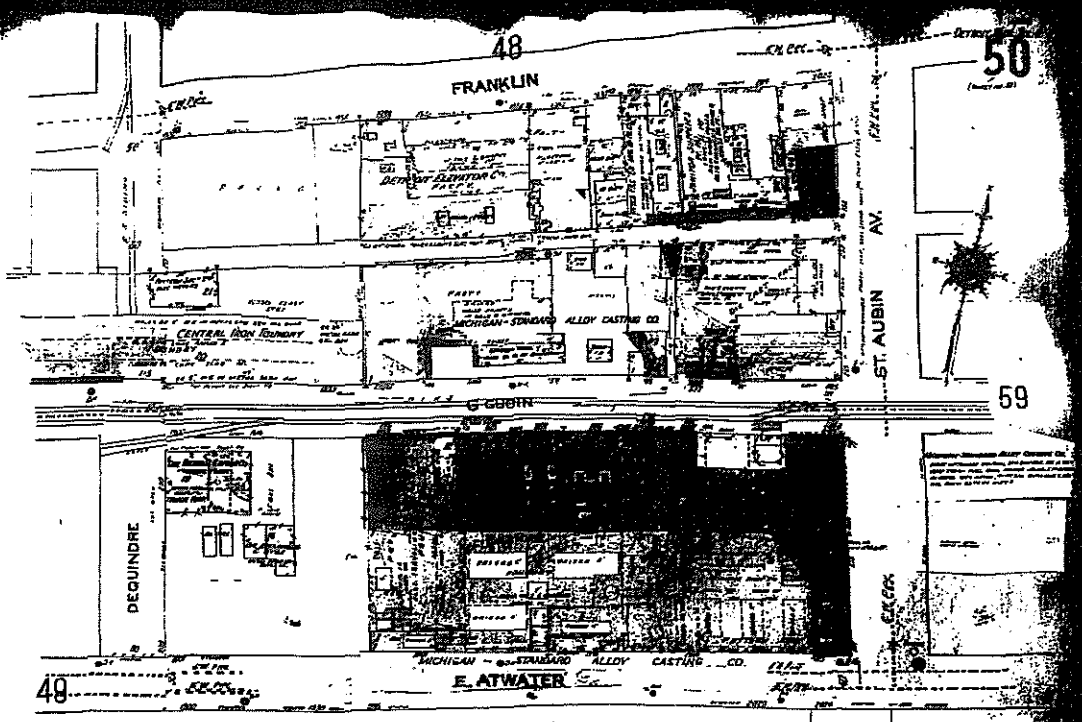

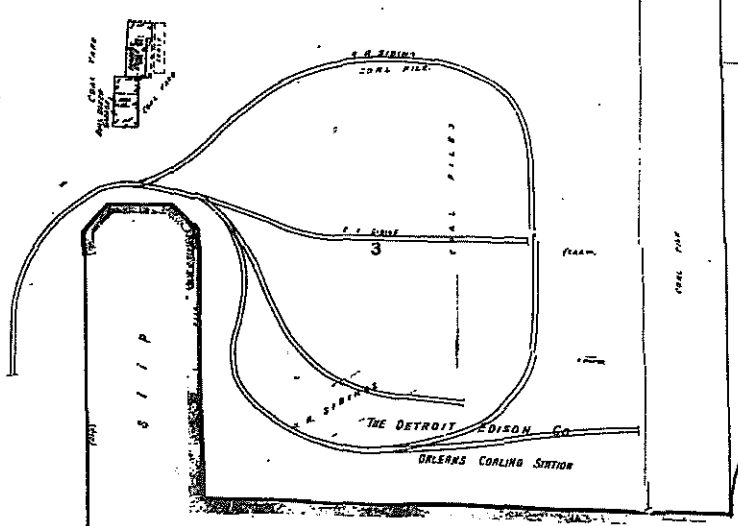

Detroit River

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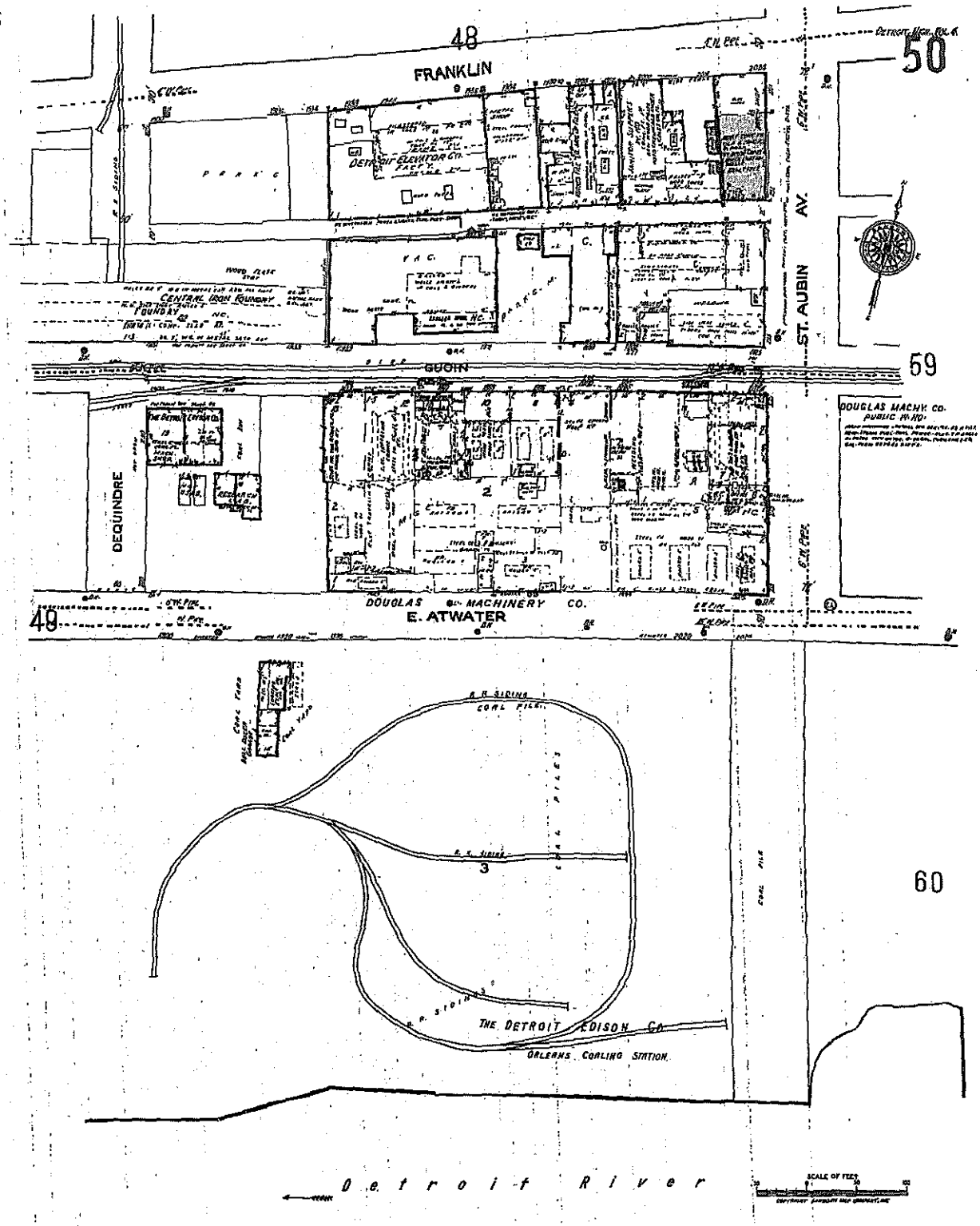

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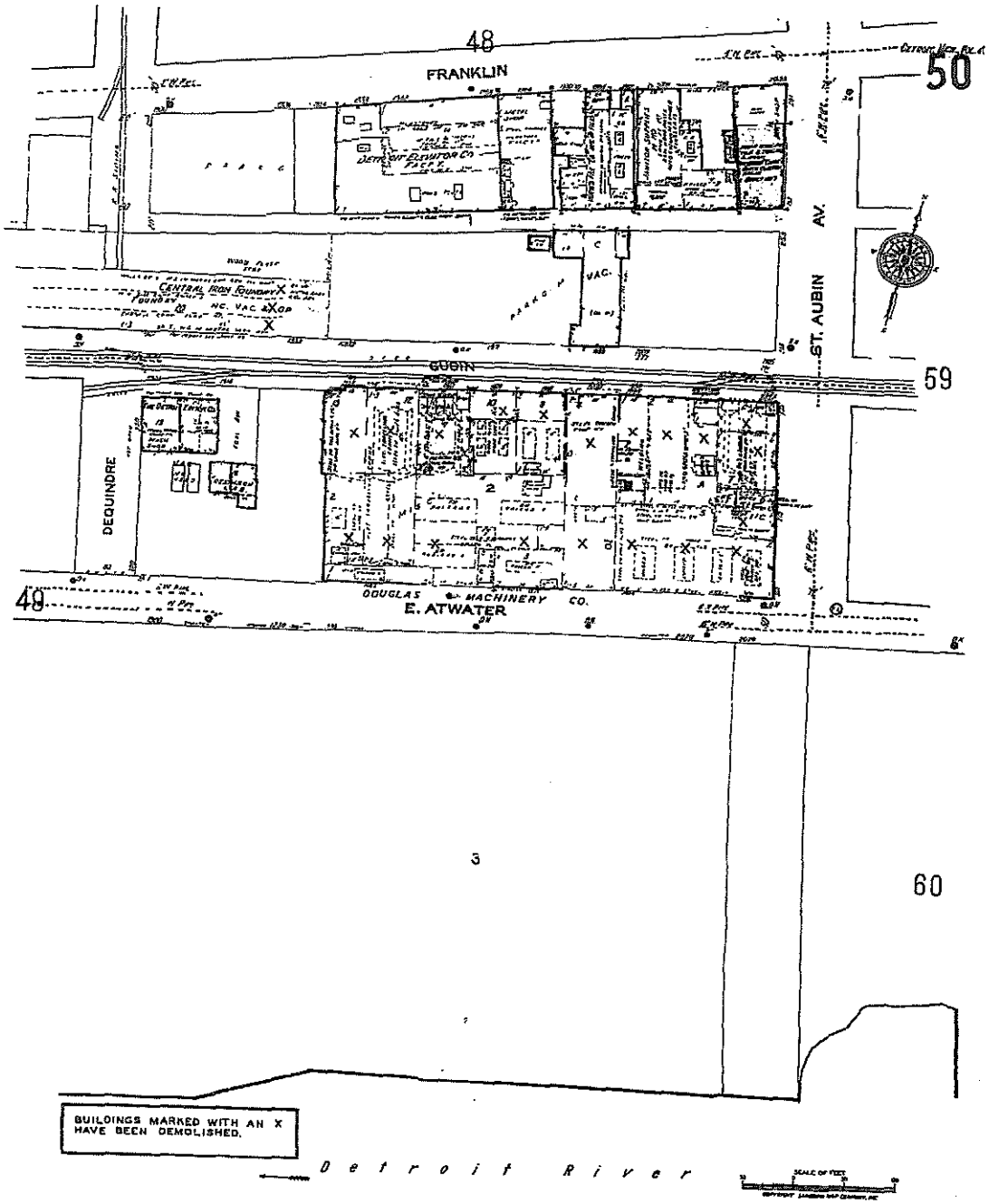

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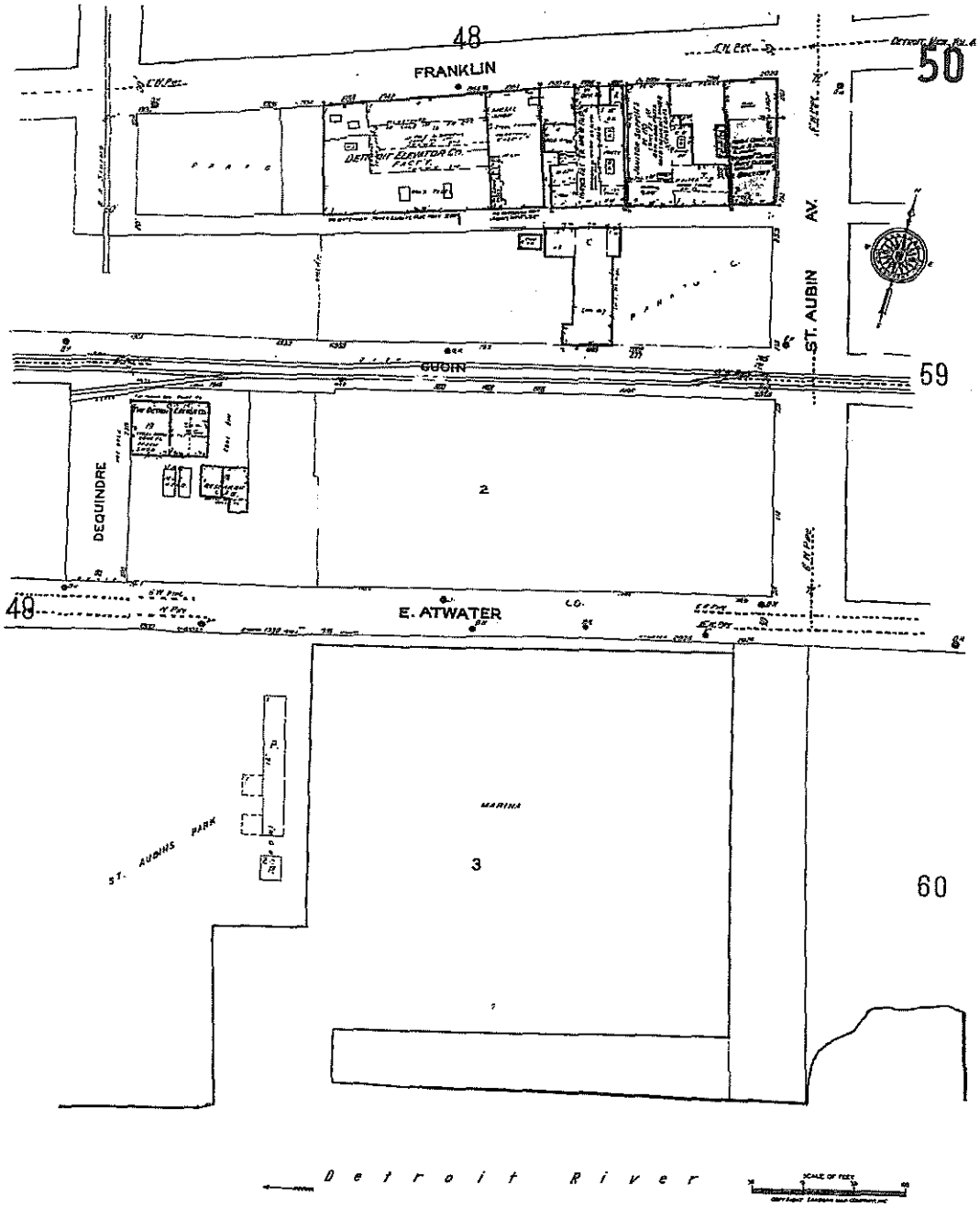

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The EDR-City Directory
Abstract

5324d-1-17
1938 Franklin Street
Detroit, MI 48207

Inquiry Number: 1824822.4

Friday, December 29, 2006

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EDR City Directory Abstract

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening report designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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SUMMARY

- ***City Directories:***

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1885 through 2006. (These years are not necessarily inclusive.) A summary of the information obtained is provided in the text of this report.

Date EDR Searched Historical Sources: December 29, 2006

Target Property:
1938 Franklin Street
Detroit, MI 48207

Year	*Uses*	*Source*
1885	Address Not Listed in Research Source	Polk's City Directory
1891	Address Not Listed in Research Source	Polk's City Directory
1896	Address Not Listed in Research Source	Polk's City Directory
1901	Address Not Listed in Research Source	Polk's City Directory
1906	Address Not Listed in Research Source	Polk's City Directory
1911	Address Not Listed in Research Source	Polk's City Directory
1915	Address Not Listed in Research Source	Polk's City Directory
1919	Address Not Listed in Research Source	Polk's City Directory
1924	Joseph F. Lamb Co. (tool mfrs.)	Polk's City Directory
1930	Vacant	Polk's City Directory
1936	General Conveyors Corp.	Polk's City Directory
1939	General Conveyors Corp.	Polk's City Directory
1954	Street Not Listed in Research Source	Polk's City Directory
1964	Detroit Elevator Co.	Polk's City Directory
1968	Detroit Elevator Co. (mtce)	Polk's City Directory
1973	Detroit Elevatr. Co.	Bresser's Criss-Cross Directory
1977	Detroit Elevatr. Co.	Bresser's Criss-Cross Directory
1982	Detroit Elevatr. Co.	Bresser's Criss-Cross Directory
	Inserts, Inc.	Bresser's Criss-Cross Directory
1987	Detroit Elevatr. Co.	Bresser's Criss-Cross Directory
	Inserts, Inc.	Bresser's Criss-Cross Directory

Year	Uses	Source
1992	Detroit Elevatr. Co.	Bresser's Criss-Cross Directory
1996	Address Not Listed in Research Source	Bresser's Criss-Cross Directory
2001	Address Not Listed in Research Source	Bresser's Criss-Cross Directory
2006	Address Not Listed in Research Source	Bresser's Criss-Cross Directory

Adjoining Properties

SURROUNDING

Multiple Addresses
Detroit, MI 48207

Year	Uses	Source
1885	**FRANKLIN STREET**	Polk's City Directory
	Address not listed in research source (1926)	Polk's City Directory
	Address not listed in research source (1934)	Polk's City Directory
	Address not listed in research source (1948)	Polk's City Directory
	Address not listed in research source (1966)	Polk's City Directory
	Address not listed in research source (1974)	Polk's City Directory
	-All Addresses on Franklin Street Renumbered in 1920.	Polk's City Directory
	GUION STREET	Polk's City Directory
	Street not listed in research source	Polk's City Directory
	WOODBRIDGE	Polk's City Directory
	Address not listed in research source (1900)	Polk's City Directory
	Address not listed in research source (2000)	Polk's City Directory
	Address not listed in research source (2013)	Polk's City Directory
	-All Addresses on Woodbridge Renumbered in 1920.	Polk's City Directory
1891	**FRANKLIN STREET**	Polk's City Directory
	Address not listed in research source (1926)	Polk's City Directory
	Address not listed in research source (1934)	Polk's City Directory

Year	Uses	Source
1891	Address not listed in research source (1948)	Polk's City Directory
	Address not listed in research source (1966)	Polk's City Directory
	Address not listed in research source (1974)	Polk's City Directory
	-All Addresses on Franklin Street Renumbered in 1920.	Polk's City Directory
	GUION STREET	Polk's City Directory
	Street not listed in research source	Polk's City Directory
	WOODBRIDGE	Polk's City Directory
	Address not listed in research source (1900)	Polk's City Directory
	Address not listed in research source (2000)	Polk's City Directory
	Address not listed in research source (2013)	Polk's City Directory
	-All Addresses on Woodbridge Renumbered in 1920.	Polk's City Directory
1896	**FRANKLIN STREET**	Polk's City Directory
	Address not listed in research source (1926)	Polk's City Directory
	Address not listed in research source (1934)	Polk's City Directory
	Address not listed in research source (1948)	Polk's City Directory
	Address not listed in research source (1966)	Polk's City Directory
	Address not listed in research source (1974)	Polk's City Directory
	-All Addresses on Franklin Street Renumbered in 1920.	Polk's City Directory
	GUION STREET	Polk's City Directory
	Street not listed in research source	Polk's City Directory
	WOODBRIDGE	Polk's City Directory
	Address not listed in research source (1900)	Polk's City Directory
	Address not listed in research source (2000)	Polk's City Directory
	Address not listed in research source (2013)	Polk's City Directory

Year	Uses	Source
1896	-All Addresses on Woodbridge Renumbered in 1920.	Polk's City Directory
1901	**FRANKLIN STREET**	Polk's City Directory
	Address not listed in research source (1926)	Polk's City Directory
	Address not listed in research source (1934)	Polk's City Directory
	Address not listed in research source (1948)	Polk's City Directory
	Address not listed in research source (1966)	Polk's City Directory
	Address not listed in research source (1974)	Polk's City Directory
	-All Addresses on Franklin Street Renumbered in 1920.	Polk's City Directory
	GUION STREET	Polk's City Directory
	Street not listed in research source	Polk's City Directory
	WOODBRIDGE	Polk's City Directory
	Address not listed in research source (1900)	Polk's City Directory
	Address not listed in research source (2000)	Polk's City Directory
	Address not listed in research source (2013)	Polk's City Directory
	-All Addresses on Woodbridge Renumbered in 1920.	Polk's City Directory
1906	**FRANKLIN STREET**	Polk's City Directory
	Address not listed in research source (1926)	Polk's City Directory
	Address not listed in research source (1934)	Polk's City Directory
	Address not listed in research source (1948)	Polk's City Directory
	Address not listed in research source (1966)	Polk's City Directory
	Address not listed in research source (1974)	Polk's City Directory
	-All Addresses on Franklin Street Renumbered in 1920.	Polk's City Directory
	GUION STREET	Polk's City Directory
	Street not listed in research source	Polk's City Directory

Year	Uses	Source
1906	**WOODBRIDGE**	Polk's City Directory
	Address not listed in research source (1900)	Polk's City Directory
	Address not listed in research source (2000)	Polk's City Directory
	Address not listed in research source (2013)	Polk's City Directory
	-All Addresses on Woodbridge Renumbered in 1920.	Polk's City Directory
1911	**FRANKLIN STREET**	Polk's City Directory
	Address not listed in research source (1926)	Polk's City Directory
	Address not listed in research source (1934)	Polk's City Directory
	Address not listed in research source (1948)	Polk's City Directory
	Address not listed in research source (1966)	Polk's City Directory
	Address not listed in research source (1974)	Polk's City Directory
	-All Addresses on Franklin Street Renumbered in 1920.	Polk's City Directory
	GUION STREET	Polk's City Directory
	Street not listed in research source	Polk's City Directory
	WOODBRIDGE	Polk's City Directory
	Address not listed in research source (1900)	Polk's City Directory
	Address not listed in research source (2000)	Polk's City Directory
	Address not listed in research source (2013)	Polk's City Directory
	-All Addresses on Woodbridge Renumbered in 1920.	Polk's City Directory
1915	**FRANKLIN STREET**	Polk's City Directory
	Address not listed in research source (1926)	Polk's City Directory
	Address not listed in research source (1934)	Polk's City Directory
	Address not listed in research source (1948)	Polk's City Directory
	Address not listed in research source (1966)	Polk's City Directory

Year	Uses	Source
1915	Address not listed in research source (1974)	Polk's City Directory
	-All Addresses on Franklin Street Renumbered in 1920.	Polk's City Directory
	GUION STREET	Polk's City Directory
	Street not listed in research source	Polk's City Directory
	WOODBRIDGE	Polk's City Directory
	Address not listed in research source (1900)	Polk's City Directory
	Address not listed in research source (2000)	Polk's City Directory
	Address not listed in research source (2013)	Polk's City Directory
	-All Addresses on Woodbridge Renumbered in 1920.	Polk's City Directory
1919	**FRANKLIN STREET**	Polk's City Directory
	Address not listed in research source (1926)	Polk's City Directory
	Address not listed in research source (1934)	Polk's City Directory
	Address not listed in research source (1948)	Polk's City Directory
	Address not listed in research source (1966)	Polk's City Directory
	Address not listed in research source (1974)	Polk's City Directory
	-All Addresses on Franklin Street Renumbered in 1920.	Polk's City Directory
	GUION STREET	Polk's City Directory
	Street not listed in research source	Polk's City Directory
	WOODBRIDGE	Polk's City Directory
	Address not listed in research source (1900)	Polk's City Directory
	Address not listed in research source (2000)	Polk's City Directory
	Address not listed in research source (2013)	Polk's City Directory
	-All Addresses on Woodbridge Renumbered in 1920.	Polk's City Directory
1924	**FRANKLIN STREET**	Polk's City Directory

Year	Uses	Source
1924	Residence (1926)	Polk's City Directory
	William Smith (gro) (1934)	Polk's City Directory
	Address not listed in research source (1948)	Polk's City Directory
	Address not listed in research source (1966)	Polk's City Directory
	Address not listed in research source (1974)	Polk's City Directory
	GUION STREET	Polk's City Directory
	Street not listed in research source	Polk's City Directory
	WOODBRIDGE	Polk's City Directory
	Residence (1900)	Polk's City Directory
	Address not listed in research source (2000)	Polk's City Directory
	Address not listed in research source (2013)	Polk's City Directory
1930	**FRANKLIN STREET**	Polk's City Directory
	Residence (1926)	Polk's City Directory
	Margaret Fererria (gro) (1934)	Polk's City Directory
	Address not listed in research source (1948)	Polk's City Directory
	Address not listed in research source (1966)	Polk's City Directory
	Address not listed in research source (1974)	Polk's City Directory
	GUION STREET	Polk's City Directory
	Street not listed in research source	Polk's City Directory
	WOODBRIDGE	Polk's City Directory
	Address not listed in research source (1900)	Polk's City Directory
	Address not listed in research source (2000)	Polk's City Directory
	Address not listed in research source (2013)	Polk's City Directory
1936	**FRANKLIN STREET**	Polk's City Directory

Year	Uses	Source
1936	Address not listed in research source (1926)	Polk's City Directory
	Residence (1934)	Polk's City Directory
	Address not listed in research source (1948)	Polk's City Directory
	Address not listed in research source (1966)	Polk's City Directory
	Mueth Iron Works (1974)	Polk's City Directory
	Aluminum & Architectural Metals Corp. (1974)	Polk's City Directory
	GUION STREET	Polk's City Directory
	Street not listed in research source	Polk's City Directory
	WOODBRIDGE	Polk's City Directory
	Address not listed in research source (1900)	Polk's City Directory
	Address not listed in research source (2000)	Polk's City Directory
	Address not listed in research source (2013)	Polk's City Directory
1939	**FRANKLIN STREET**	Polk's City Directory
	Address not listed in research source (1926)	Polk's City Directory
	Address not listed in research source (1934)	Polk's City Directory
	Address not listed in research source (1948)	Polk's City Directory
	Address not listed in research source (1966)	Polk's City Directory
	Aluminum & Architectural Metals Corp. (1974)	Polk's City Directory
	GUION STREET	Polk's City Directory
	Street not listed in research source	Polk's City Directory
	WOODBRIDGE	Polk's City Directory
	Address not listed in research source (1900)	Polk's City Directory
	Address not listed in research source (2000)	Polk's City Directory
	Address not listed in research source (2013)	Polk's City Directory

Year	Uses	Source
1954	Street Not Listed in Research Source	Polk's City Directory
1964	**FRANKLIN STREET**	Polk's City Directory
	Address not listed in research source (1926)	Polk's City Directory
	Address not listed in research source (1934)	Polk's City Directory
	Address not listed in research source (1948)	Polk's City Directory
	Address not listed in research source (1966)	Polk's City Directory
	Aluminum & Architectural Metals Corp. (1974)	Polk's City Directory
	GUION STREET	Polk's City Directory
	Street not listed in research source	Polk's City Directory
	WOODBRIDGE	Polk's City Directory
	Address not listed in research source (1900)	Polk's City Directory
	Address not listed in research source (2000)	Polk's City Directory
	Address not listed in research source (2013)	Polk's City Directory
1968	**FRANKLIN STREET**	Polk's City Directory
	Address not listed in research source (1926)	Polk's City Directory
	Address not listed in research source (1934)	Polk's City Directory
	Address not listed in research source (1948)	Polk's City Directory
	Address not listed in research source (1966)	Polk's City Directory
	Aluminum & Architectural Metals Co. (fabricators) (1974)	Polk's City Directory
	GUION STREET	Polk's City Directory
	Street not listed in research source	Polk's City Directory
	WOODBRIDGE	Polk's City Directory
	Address not listed in research source (1900)	Polk's City Directory
	Aluminum & Architectural Metals Co. (fabricators) (2000)	Polk's City Directory

Year	Uses	Source
1968	Address not listed in research source (2013)	Polk's City Directory
1973	**FRANKLIN STREET**	Bresser's Criss-Cross Directory
	Address not listed in research source (1926)	Bresser's Criss-Cross Directory
	Address not listed in research source (1934)	Bresser's Criss-Cross Directory
	Address not listed in research source (1948)	Bresser's Criss-Cross Directory
	Address not listed in research source (1966)	Bresser's Criss-Cross Directory
	Address not listed in research source (1974)	Bresser's Criss-Cross Directory
	GUION STREET	Bresser's Criss-Cross Directory
	Street not listed in research source	Bresser's Criss-Cross Directory
	WOODBRIDGE	Bresser's Criss-Cross Directory
	Address not listed in research source (1900)	Bresser's Criss-Cross Directory
	Aluminum & Archl. Metal (2000)	Bresser's Criss-Cross Directory
	Address not listed in research source (2013)	Bresser's Criss-Cross Directory
1977	**FRANKLIN STREET**	Bresser's Criss-Cross Directory
	Address not listed in research source (1926)	Bresser's Criss-Cross Directory
	Address not listed in research source (1934)	Bresser's Criss-Cross Directory
	Address not listed in research source (1948)	Bresser's Criss-Cross Directory
	Address not listed in research source (1966)	Bresser's Criss-Cross Directory
	Address not listed in research source (1974)	Bresser's Criss-Cross Directory
	GUION STREET	Bresser's Criss-Cross Directory
	Street not listed in research source	Bresser's Criss-Cross Directory
	WOODBRIDGE	Bresser's Criss-Cross Directory
	Address not listed in research source (1900)	Bresser's Criss-Cross Directory
	Aluminum & Archl. Metal (2000)	Bresser's Criss-Cross Directory

Year	Uses	Source
1977	Address not listed in research source (2013)	Bresser's Criss-Cross Directory
1982	**FRANKLIN STREET**	Bresser's Criss-Cross Directory
	Address not listed in research source (1926)	Bresser's Criss-Cross Directory
	Address not listed in research source (1934)	Bresser's Criss-Cross Directory
	Address not listed in research source (1948)	Bresser's Criss-Cross Directory
	Address not listed in research source (1966)	Bresser's Criss-Cross Directory
	Address not listed in research source (1974)	Bresser's Criss-Cross Directory
	GUION STREET	Bresser's Criss-Cross Directory
	Street not listed in research source	Bresser's Criss-Cross Directory
	WOODBRIDGE	Bresser's Criss-Cross Directory
	Address not listed in research source (1900)	Bresser's Criss-Cross Directory
	Aluminum & Archl. Metal (2000)	Bresser's Criss-Cross Directory
	Address not listed in research source (2013)	Bresser's Criss-Cross Directory
1987	**FRANKLIN STREET**	Bresser's Criss-Cross Directory
	Address not listed in research source (1926)	Bresser's Criss-Cross Directory
	Address not listed in research source (1934)	Bresser's Criss-Cross Directory
	Address not listed in research source (1948)	Bresser's Criss-Cross Directory
	Address not listed in research source (1966)	Bresser's Criss-Cross Directory
	Address not listed in research source (1974)	Bresser's Criss-Cross Directory
	GUION STREET	Bresser's Criss-Cross Directory
	Street not listed in research source	Bresser's Criss-Cross Directory
	WOODBRIDGE	Bresser's Criss-Cross Directory
	Address not listed in research source (1900)	Bresser's Criss-Cross Directory
	Aluminum & Archl. Metal (2000)	Bresser's Criss-Cross Directory

Year	Uses	Source
1987	Address not listed in research source (2013)	Bresser's Criss-Cross Directory
1992	**FRANKLIN STREET**	Bresser's Criss-Cross Directory
	Address not listed in research source (1926)	Bresser's Criss-Cross Directory
	Address not listed in research source (1934)	Bresser's Criss-Cross Directory
	Address not listed in research source (1948)	Bresser's Criss-Cross Directory
	Address not listed in research source (1966)	Bresser's Criss-Cross Directory
	Address not listed in research source (1974)	Bresser's Criss-Cross Directory
	GUION STREET	Bresser's Criss-Cross Directory
	Street not listed in research source	Bresser's Criss-Cross Directory
	WOODBRIDGE	Bresser's Criss-Cross Directory
	Address not listed in research source (1900)	Bresser's Criss-Cross Directory
	Aluminum & Archl. Metal (2000)	Bresser's Criss-Cross Directory
	Global Aluminum (2000)	Bresser's Criss-Cross Directory
	Address not listed in research source (2013)	Bresser's Criss-Cross Directory
1996	**FRANKLIN STREET**	Bresser's Criss-Cross Directory
	Address not listed in research source (1926)	Bresser's Criss-Cross Directory
	Address not listed in research source (1934)	Bresser's Criss-Cross Directory
	Address not listed in research source (1948)	Bresser's Criss-Cross Directory
	Address not listed in research source (1966)	Bresser's Criss-Cross Directory
	Address not listed in research source (1974)	Bresser's Criss-Cross Directory
	GUION STREET	Bresser's Criss-Cross Directory
	Street not listed in research source	Bresser's Criss-Cross Directory
	WOODBRIDGE	Bresser's Criss-Cross Directory
	Address not listed in research source (1900)	Bresser's Criss-Cross Directory

Year	Uses	Source
1996	Almnm. & Archl. Co. (2000)	Bresser's Criss-Cross Directory
	Business Serv. Plus (2000)	Bresser's Criss-Cross Directory
	Global Archtchrl. (2000)	Bresser's Criss-Cross Directory
	Address not listed in research source (2013)	Bresser's Criss-Cross Directory
2001	**FRANKLIN STREET**	Bresser's Criss-Cross Directory
	Address not listed in research source (1926)	Bresser's Criss-Cross Directory
	Address not listed in research source (1934)	Bresser's Criss-Cross Directory
	Address not listed in research source (1948)	Bresser's Criss-Cross Directory
	Address not listed in research source (1966)	Bresser's Criss-Cross Directory
	Address not listed in research source (1974)	Bresser's Criss-Cross Directory
	GUION STREET	Bresser's Criss-Cross Directory
	Street not listed in research source	Bresser's Criss-Cross Directory
	WOODBRIDGE	Bresser's Criss-Cross Directory
	Address not listed in research source (1900)	Bresser's Criss-Cross Directory
	Almnm. Archl. Metal (2000)	Bresser's Criss-Cross Directory
	Address not listed in research source (2013)	Bresser's Criss-Cross Directory
2006	**FRANKLIN STREET**	Bresser's Criss-Cross Directory
	Address not listed in research source (1926)	Bresser's Criss-Cross Directory
	Address not listed in research source (1934)	Bresser's Criss-Cross Directory
	Address not listed in research source (1948)	Bresser's Criss-Cross Directory
	Address not listed in research source (1966)	Bresser's Criss-Cross Directory
	Address not listed in research source (1974)	Bresser's Criss-Cross Directory
	GUION STREET	Bresser's Criss-Cross Directory
	Street not listed in research source	Bresser's Criss-Cross Directory

Year	Uses	Source
2006	**WOODBRIDGE**	Bresser's Criss-Cross Directory
	Bob Maxey Ford (1900)	Bresser's Criss-Cross Directory
	No Return (2000)	Bresser's Criss-Cross Directory
	Address not listed in research source (2013)	Bresser's Criss-Cross Directory

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING

JENNIFER M. GRANHOLM
GOVERNOR

STEVEN E. CHESTER
DIRECTOR

December 19, 2006

TIMOTHY J MCGAHEY
22725 ORCHARD LAKE RD
FARMINGTON, MI 48336

RECEIVED
DEC 26 2006
By

Dear TIMOTHY J MCGAHEY:

SUBJECT: Request for disclosure of official files

Your request dated December 18, 2006 to examine or receive a copy of the following documents is denied.

Description of documents being denied: 1938 FRANKLIN ST, DETROIT, MI

Reason for denial: The public record does not exist under the name given by the requester, or by another name reasonably known to the public body.

Authority for denial: Public Act No. 442 of 1976, as amended, Section 5(4)(b).

Act 442, PA 1976, The Freedom of Information Act, gives you the right to appeal this decision. The section of the Act describing the appeal process is printed below for your information.

"Sec. 10.(1) If a public body makes a final determination to deny all or a portion of a request, the requesting person may do 1 of the following at his or her option:

(a) submit to the head of the public body a written appeal that specifically states the word "appeal" and identifies the reason or reasons for reversal of the denial.
(b) commence an action in the circuit court to compel the public body's disclosure of the public records within 180 days after a public body's final determination to deny a request.

(2) Within ten days after receiving a written appeal pursuant to subsection (1)(a), the head of a public body shall do one of the following:

(a) reverse the disclosure denial.
(b) issue a written notice to the requesting person upholding the disclosure denial.
(c) reverse the disclosure denial in part and issue a written notice to the requesting person upholding the disclosure denial in part.
(d) under unusual circumstances, issue a notice extending for not more than 10 business days the period during which the head of the public body shall respond to the written appeal. The head of a public body shall not issue more than 1 notice of extension for a particular written appeal.

CITY OF DETROIT
LAW DEPARTMENT

660 WOODWARD AVENUE
1650 FIRST NATIONAL BUILDING
DETROIT, MICHIGAN 48226-3535
PHONE 313·224·4550
FAX 313·224·5505
WWW.CI.DETROIT.MI.US

January 22, 2007

Tim McGahey
AKT Peerless Environmental Consultants
22725 Orchard Lake Road
Farmington, Michigan 48336

RE: Freedom of Information Act Request Dated December 18, 2006 Concerning City of Detroit Department of Health and Wellness Promotion Community and Industrial Hygiene Division Records Pertaining to 1938 Franklin Street

Dear Mr. McGahey:

This letter serves as the City of Detroit's response to the above-referenced matter. A copy of your letter submitted to the "Detroit Health Department" was received by the City of Detroit Law Department Freedom of Information Section on January 18, 2007.

Your letter requests:

> ". . . any file information your department may have regarding environmental concerns in connection with the subject property described below and immediate surrounding area. In addition, please provide any available information regarding wells and/or septic systems associated with the subject property.
>
> . . . 1938 Franklin Street, Detroit, Wayne"

Your request is denied, pursuant to MCL 15.235(4)(b), for the reason that based on information provided by City of Detroit Department of Health and Wellness Promotion Community and Industrial Hygiene Division personnel, Community and Industrial Hygiene Division does not possess any record which corresponds to your request.

Please be advised that, pursuant to Section 10 of the Michigan Freedom of Information Act, being MCL 15.240, a person receiving a written denial of a request may do one of the following:

1) Submit a written appeal to the head of the public body denying the request. Such appeal, if submitted, should specifically state the word "appeal" and identify the reason or reasons for reversal of the denial. MCL 15.240(1)(a); or

2) Commence an action in the circuit court to compel the disclosure of the public records within 180 days after the public body's denial of the request. MCL 15.240(1)(b). If a court finds that the information withheld by a public body is not exempt from disclosure, the requesting party may receive the requested record and, at the discretion of the court, reasonable attorney fees and /or costs. MCL 15.240(6) and (7).

Very truly yours,

Ellen Ha, Supervising
Assistant Corporation Counsel
Freedom of Information Section
(313) 237-5067

EH/

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING

JENNIFER M. GRANHOLM
GOVERNOR

STEVEN E. CHESTER
DIRECTOR

December 19, 2006

TIMOTHY J MCGAHEY
22725 ORCHARD LAKE RD
FARMINGTON, MI 48336

RECEIVED
DEC 26 2006
By

Dear TIMOTHY J MCGAHEY:

SUBJECT: Request for disclosure of official files

Your request dated December 18, 2006 to examine or receive a copy of the following documents is denied.

Description of documents being denied: 1938 FRANKLIN ST, DETROIT, MI

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Authority for denial: Public Act No. 442 of 1976, as amended, Section 5(4)(b).

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(b) commence an action in the circuit court to compel the public body's disclosure of the public records within 180 days after a public body's final determination to deny a request.

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(b) issue a written notice to the requesting person upholding the disclosure denial.
(c) reverse the disclosure denial in part and issue a written notice to the requesting person upholding the disclosure denial in part.
(d) under unusual circumstances, issue a notice extending for not more than 10 business days the period during which the head of the public body shall respond to the written appeal. The head of a public body shall not issue more than 1 notice of extension for a particular written appeal.

TIMOTHY J MCGAHEY December 19, 2006

(3) A board or commission that is the head of a public body is not considered to have received a written appeal under subsection (2) until the first regularly scheduled meeting of that board or commission following submission of the written appeal under subsection (1)(a). If the head of the public body fails to respond to a written appeal pursuant to subsection (2), or if the head of the public body upholds all or a portion of the disclosure denial that is the subject of the written appeal, the requesting person may seek judicial review of the nondisclosure by commencing an action in circuit court under subsection (1)(b).

(4) In an action commenced under subsection(1)(b), a court that determines a public record is not exempt from disclosure shall order the public body to cease withholding or to produce all or a portion of a public record wrongfully withheld, regardless of the location of the public record. The circuit court for the county in which the complainant resides or has his principal place of business, or the circuit court for the county in which the public record or an office of the public body is located has venue over the action. The court shall determine the matter de novo and the burden is on the public body to sustain its denial. The court, on its own motion, may view the public record in controversy in private before reaching a decision. Failure to comply with an order of the court may be punished as contempt of court.

(5) In action commenced under this section and an appeal from an action commenced under this section shall be assigned for hearing and trial or for argument at the earliest practicable date and expedited in every way.

(6) If a person asserting the right to inspect, copy, or receive a copy of all or a portion of a public record prevails in an action commenced under this section, the court shall award reasonable attorneys' fees, costs and disbursements. If the person or public body prevails in part, the court may, in its discretion, award all or an appropriate portion of reasonable attorneys' fees, costs, and disbursement. The award shall be assessed against the public body liable for damages under subsection (7).

(7) If the circuit court determines in an action commenced under this section that the public body has arbitrarily and capriciously violated this act by refusal or delay in disclosing or providing copies of a public record, the court shall award, in addition to any action or compensatory damages, punitive damages in the amount of $500.00 to the person seeking the right to inspect or receive a copy of a public record. The damages shall not be assessed against an individual, but shall be assessed against the next succeeding public body that is not an individual and that kept or maintained the public record as part of its public function."

Sincerely,

Lee Petrovich
FOIA Coordinator
Waste and Hazardous Materials Division
517-373-6049

AKTPEERLESS
environmental services

5324d-1-17

IMPORTANT FAX REQUEST

Developer-User

To:	Doug Browne
Ph:	248-761-0689
Fx:	248-352-6653
cell:	

From:	Tim McGahey
Ph:	313.962.9353
Fx:	313.962.0966
cell:	

Total Number of Pages: 3

Date: 12.21.2006

Project Name:	DWCPA Detroit Elevator Building
Project Address:	1938 Franklin Street
Project City/State/Zip:	Detroit, Michigan 48216
AKT Peerless Project Number:	5324d-1-17

AKT Peerless has been retained to conduct a Phase I Environmental Site Assessment (ESA) of the property listed above. A Phase I ESA involves conducting a site reconnaissance, interviews, and a review of available documentation. To ensure the success of the assessment, we request that (a) the attached questionnaires be completed and (b) the on-site representative (Key-Site Contact) with comprehensive knowledge of the property meet with our Environmental Consultant.

AKT Peerless' Project Manager will contact you to confirm a date and time to complete the site inspection.

PLEASE PROVIDE THE FOLLOWING INFORMATION

Key-Site Contact

Name:	Don Purdie
Ph:	248-591-7484
Fx:	248-591-9777
cell:	[redacted]

Property Owner

Name:	Same as contact
Ph:	
Fx:	
cell:	

Access will be required for all mechanical areas, storage areas, common areas, maintenance areas, and property exteriors. If access is a problem, please contact AKT Peerless immediately.

Please complete the attached questionnaire and prepare the requested documents to present to AKT Peerless' Field Observer on the day of the site visit.

Please feel free to contact us with any questions regarding this assessment and Thank You for your cooperation.

AKT PEERLESS environmental services

Client-User Environmental Questionnaire

Project Name:	DWCPA Detroit Elevator Building
Project Address:	1938 Franklin Street
Project City/State/Zip:	Detroit, Michigan 48216
AKT Peerless Project No.:	5324d-1-17

This questionnaire must be completed by the client (user), and must be returned to AKT Peerless' on or before the site visit. During the property inspection, the consultant may ask for details associated with selected questions. This questionnaire may be utilized as an exhibit in the final ESA Report.

Respondent Name, Title, Date:

5324d-1-17

UNK = Unknown

		YES	NO	UNK
1	Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?		✓	
2	Are you aware of any Activity and Land Use Limitations, such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?		✓	
3	Do you have any specialized knowledge or experiences related to the property, nearby properties, or are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?		✓	
4	Does the purchase price being paid for this property reasonably reflect the fair market value of the property?	✓		
5	Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases?	✓		
5a	Do you know the past uses of the property?	✓		
5b	Do you know of specific chemicals that are present or were once were present at the property?		✓	
5c	Do you know of spills or other chemical releases that have taken place at the property?		✓	
5d	Do you know of any environmental cleanups that have taken place at the property?		✓	
6	As the user of this ESA, based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination at the property?	✓		

Additional Comments from Client-User:

#6 Elevator (Hydraulic) on site

#5 Popular knowledge states that this was a Studebaker or Packard property.

AKTPEERLESS environmental services

Key Site Contact, Owner, Client Documentation Request Form

On the day of the site reconnaissance, provide AKT Peerless' Environmental Consultant access to all available documents listed below. Provide copies if possible.

INFORMATION REQUESTED

1. All available **construction documents** (blueprints) for the original construction of the building(s).

2. A **site plan,** preferably 8 1/2" X 11", which depicts the arrangement of buildings, roads, and other site features. Attached

3. For **commercial and industrial properties,** provide a **tenant list** which identifies the names of each tenant and vacant tenant units.

4. The names of the local utility companies which serve the property, including the water, sewer, electric, gas, and phone companies.

5. Previous environmental reports pertaining to the subject property. You have

6. Information concerning the existence of (1) **environmental liens** against the subject property, or (2) any activity and use limitations.

7. Current / pending **litigation** related to subject property.

8. Specialized knowledge or experience concerning environmental concerns in connection with the subject property.

9. Copies of recorded **land title records** for the subject property. Policy Attached.

10. Client knowledge of a reduction in the value of the subject property for environmental issues.

11. Client reason for performing the Phase I ESA (e.g., refinance, purchase, insurance purposes, etc.). Purchase.

12. Client special terms or conditions that apply to the preparation of this Phase I ESA (e.g., confidentiality, access limitations, etc.).

Your timely compliance with this request is greatly appreciated.

138

AKTPEERLESS
environmental services

Facsimile

January 2, 2007

Ms. Mary Niktin
Freedom of Information Act Coordinator
SQG/LQG
Michigan Department of Environmental Quality
27700 Donald Court
Warren, MI 48092-2793
Phone: (586) 753-3832

Fax: (586) 753-3831

Dear **Ms. Nitkin:**

Pursuant to the Freedom of Information Act (FOIA), Act No. 442 of 1976 (MCL 15.231 *et seq.*), I am requesting any file information your department may have regarding environmental concerns in connection with the properties described below.

Address, City, & County	Occupant(s)
1918, 1934, 1938, 1948, or 1966 Franklin Street **Detroit, Wayne County, Michigan**	**Detroit Elevator Company** — NO **F. Joseph Lamb Co. Machine and Tool Shop** — NO **General Conveyors Corp.** — NO **Inserts, Inc.**

If a file or files for this site are maintained by your department, please notify me so that I may schedule an appointment to review the information.

Thank you for your attention to this matter. If you have any questions about this request, please call me at **313.962.9353**. My fax number is **313.962.0966**.

Sincerely,

AKT PEERLESS ENVIRONMENTAL SERVICES

Timothy J. McGahey, CHMM
Senior Project Manager
607 Shelby Street – Suite 900
Detroit, Michigan 48226

mcgaheyt@aktpeerless.com

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
SOUTHEAST MICHIGAN DISTRICT OFFICE

JENNIFER M. GRANHOLM
GOVERNOR

STEVEN E. CHESTER
DIRECTOR

January 8, 2007

Mr. Timothy J. McGahey, CHMM
AKT Peerless Environmental Services
607 Shelby Street, Suite 900
Detroit, Michigan 48226

Dear Mr. McGahey:

SUBJECT: Request for Disclosure of Official Files from Waste and Hazardous Materials Division

This written notice is issued in response to your January 2, 2007 request for information under the Freedom of Information Act (FOIA), MCL 15.231 *et seq.*, which was received by this office on January 2, 2007.

The purpose of the FOIA is to provide the public with access to existing, nonexempt public records of public bodies. Your request dated January 2, 2007, to examine or receive a copy of the following documents is denied.

Description of documents being denied: Please see attached sheet.

Reason for denial: To the best of this public body's knowledge, information, and belief, the public record does not exist under the name given by the requester, or by another name reasonably known to the public body.

Authority for denial: Public Act No. 442 of 1976, as amended, Section 3(1). Under section 10 of the FOIA, you may do either of the following:

1) Appeal this decision in writing to the Director of the Michigan Department of Environmental Quality at P.O. Box 30473, Lansing, Michigan 48909-7917. The writing must specifically state the word "appeal," and must identify the reason or reasons you believe the denial should be reversed. The head of the department, or his designee, must respond to your appeal within 10 days after its receipt. Under unusual circumstances, the time for response to your appeal may be extended by 10 business days.

2) File an action in circuit court within 180 days after the date of the final determination to deny the request. If you prevail in such an action, the court is to award reasonable attorney fees, costs, and disbursements. Further, if the court finds the denial to be arbitrary and capricious, you may receive punitive damages in the amount of $500.00.

Sincerely,

Mary F. Nikitin

Mary F. Nikitin, FOIA Liaison
Waste and Hazardous Materials Division
586-753-3833

EQP1048a (10/2006)

(3) A board or commission that is the head of a public body is not considered to have received a written appeal under subsection (2) until the first regularly scheduled meeting of that board or commission following submission of the written appeal under subsection (1)(a). If the head of the public body fails to respond to a written appeal pursuant to subsection (2), or if the head of the public body upholds all or a portion of the disclosure denial that is the subject of the written appeal, the requesting person may seek judicial review of the nondisclosure by commencing an action in circuit court under subsection (1)(b).

(4) In an action commenced under subsection(1)(b), a court that determines a public record is not exempt from disclosure shall order the public body to cease withholding or to produce all or a portion of a public record wrongfully withheld, regardless of the location of the public record. The circuit court for the county in which the complainant resides or has his principal place of business, or the circuit court for the county in which the public record or an office of the public body is located has venue over the action. The court shall determine the matter de novo and the burden is on the public body to sustain its denial. The court, on its own motion, may view the public record in controversy in private before reaching a decision. Failure to comply with an order of the court may be punished as contempt of court.

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Sincerely,

Lee Petrovich
FOIA Coordinator
Waste and Hazardous Materials Division
517-373-6049

AKTPEERLESS
environmental services

APPENDIX G

PREVIOUS ENVIRONMENTAL REPORT

Civil Engineering • Surveying
Planning • Environmental Services

A T W E L L - H I C K S, I N C.

6303 26 Mile Road
P.O. Box 605
Washington, Michigan 48094-0605
810 786 9500 • FAX: 810 786 6688

August 26, 1998

Mr. Mark Wilson
Cox, Hodgman & Giarmarco
Columbia Center
201 West Big Beaver Road, Suite 500
Troy, MI 48084-4160

Atwell-Hicks, Inc. Project No. MA02011

Re: Detroit Elevator Company
1918 Franklin Ave., Detroit, Michigan

Dear Mr. Wilson:

Atwell-Hicks, Inc. (AHI) is pleased to present this letter to summarize the oversight and sampling activities at the Detroit Elevator Company site. The Detroit Elevator Company site is located at 1918 Franklin Road in Detroit, Michigan. Roy F. Weston, Inc. was retained by the City of Detroit to conduct a subsurface investigation at the Detroit Elevator Company site. AHI was retained to observe Roy F. Weston, Inc.'s field activities and split soil samples with Roy F. Weston, Inc.

On August 4, 1998, AHI was on-site to observe Roy F. Weston, Inc.'s geophysical survey activities. The objective of the geophysical survey was to detect any underground storage tank (UST) in the parking lot. Roy F. Weston, Inc. subcontracted Imaging Subsurface, Inc. to perform the geophysical survey. The geophysical survey did not detect any USTs at the site.

On August 5, 1998, AHI was on-site to observe Roy F. Weston, Inc.'s subsurface investigation activities. Roy F. Weston, Inc. subcontracted Lakeshore Engineering Services, Inc. to perform the drilling and sampling services.

Two geoprobe soil borings were drilled in the parking lot. Soil Boring GP96 was placed in the southeastern portion of the parking lot, and Soil Boring GP97 was placed in the northwestern portion of the parking lot. Both soil borings were advanced to 12 feet below the grade.

The drilling revealed that the soil at the site consisted of fill materials over the native clay. The fill materials consisted of silty/clayey sand of black/gray color. The native brown, dense and dry clay was encountered at approximately 8 feet in GP96 and at approximately 6 feet in GP97. No groundwater was encountered in the fill materials of the soil borings.

Mary A. Borkowski, RLA • William C. Henderson • Robert J. Jagow Jr., PE, PS • Robert G. Macomber, PE, PS
H. Lawrence O'Donnell, PS • Robert J. Phelps, PE, PS • Allen R. Suggitt, PE • Richard G. Timmons, PE, PS

Table 1
Summary of Soil Analytical Results

Compound Name	[illegible]	[illegible]	[illegible]
Semi-VOCs			
Anthracene	450	450	1.0E+9
Benzo(k)fluoranthene	1,800	1,800	2.1E+6
Chrysene	2,700	2,760	2.1E+7
Fluoranthene	4,200	3,800	5.4E+8
Phenanthrene	2,200	2,250	1.6E+7
Pyrene	3,500	3,800	3.4E+8
Other 66 compounds	<	<	
VOCs			
All 34 VOCs	<	<	
Metals/Cyanide			
Arsenic	16,175	11,117	1.0E+5 (5,800*)
Barium	824,890	247,116	3.2E+8 (75,000*)
Cadmium	1,031	449	2.3E+6 (1,200*)
Chromium	32,278	15,563	1.0E+9 (18,000*)
Lead	740,400	304,179	900,000 (21,000*)
Mercury	<	<	1.4E+6 (130*)
Selenium	920	<	2.3E+7 (410*)
Silver	<	<	2.1E+7 (1,000*)
Copper	122,710	104,984	1.7E+8 (32,000*)
Zinc	530,290	257,710	1.0E+9 (47,000*)
Cyanide	<	<	2.5E+5
PCBs			
All 7 PCBs	<	<	

Note: presented in µg/kg (ppb); < - non detect or less than method detection limit; * - Michigan default value

Lakeshore Engineering Services, Inc. collected two soil samples from each soil borings for laboratory analysis. Soil samples for analysis of VOCs were collected with the EnCore samplers. Specifically, GP96 at 2 to 4 feet, GP96 at 6 to 8 feet, GP97 at 2 to 4 feet and GP97 at 6 to 7 feet were collected for the laboratory analysis. These four samples were submitted to Encotec for analysis of VOCs, semi-VOCs, 10 Michigan metals, total cyanide, and PCBs.

AHI split two soil samples, GP96 at 2 to 4 feet and GP97 at 2 to 4 feet, for laboratory analysis. These two samples were analyzed at RTI Laboratories, Inc. for VOCs, semi-VOCs, 10 Michigan metals, total cyanide, and PCBs. Soil samples for VOCs analysis were preserved with methanol on-site.

AHI's laboratory results are summarized in Table 1. The detailed laboratory report is attached.

The review of the analytical results indicated that no VOCs, PCBs or total cyanide were detected in the soil samples. Of semi-VOCs, only six PNAs were detected. The levels of these PNAs were below the MDEQ Part 201 generic industrial soil direct contact criteria. Of 10 Michigan metals, eight metals were detected, but their levels were below the MDEQ Part 201 generic industrial soil direct contact criteria (see Table 1).

Based on the analytical results, AHI considers that the detected compounds do not pose an unacceptable risks to the site occupants and the environment. Since lead and arsenic levels in soil were above the MDEQ Part 201 generic residential soil direct contact criteria, this site is classified as a Facility.

Should you have any questions regarding this letter, please contact me at (810) 786-9800.

Sincerely,
ATWELL-HICKS, INC.

Mao Huang, Ph.D.
Environmental Engineer

William C. Henderson
Manager, Environmental Services

MH
x:\envrpt\chg02011.sum

Attachment

RTI LABORATORIES, INC.

A DIVISION OF DETREX CORPORATION

REPORT OF ANALYTICAL SERVICES

TO: Atwell-Hicks
6303 26 Mile Rd.
Washington, MI 48094

Report Date: 08/14/98

Lab Number: 98-2027A

Customer P.O. #:

Attn: Mao Huang

Customer #:

RTI Quote #:

PART / SAMPLE IDENTIFICATION:

Detroit Elevator Company - Project #MAO2011
3 Samples

Received: 08/05/98 Tests Completed: 08/13/98 Reported: 08/14/98

WORK REQUESTED / PERFORMED:

Analysis: 8260 SCAN, 8270 SCAN, METALS, CYANIDE (#1-2); 8260 SCAN (#3)

THE RESULTS OF ALL TESTS and/or ANALYSES REQUESTED ARE REPORTED ON THE PAGES WHICH FOLLOW.

Number of pages including this page 13.

APPROVED BY: _____ REPORTED BY: AF

The data and information presented herein, while not guaranteed, are to the best of our knowledge accurate and true. No warranty or guarantee implied or expressed is made regarding these analytical results, since securing and properly preserving representative samples and since the sample custody chains are beyond RTI control. The results provided by RTI are neither intended to suggest product merchantability, nor for use in infringement of any existing patent, RTI will not assume any liability or responsibility for any such infringement. Alteration, or reproduction other than in its entirety is not authorized by RTI Laboratories, Inc.

31628 GLENDALE AVENUE • LIVONIA, MI 48150 • (734) 422-8000 • FAX (734) 422-5342

RTI LABORATORIES, INC.
A DIVISION OF DETREX CORPORATION

CONFIDENTIAL REPORT OF EVALUATION

Submitted by : Mao Huang

Lab. No. : 98-2027A

Client : Atwell-Hicks
Washington, MI

Report Date : 08/14/98

Sample ID :

Detroit Elevator Company - Project #MA02011
3 Samples

Object :

Analysis: 8260 SCAN, 8270 SCAN, METALS, CYANIDE (#1-2); 8260 SCAN (#3)

Results and Discussion :

SAMPLE IDENTIFICATION	SAMPLE MATRIX
1 - GP96 2-4' 8/5/98	Soil
2 - GP97 2-4' 8/5/98	Soil
3 - Blank #45008 8/5/98	Liquid

31628 GLENDALE AVENUE • LIVONIA, MI 48150 • 734/ 422-8000 • FAX 734/ 422-5342

RTI LABORATORIES, INC.
A DIVISION OF DETREX CORPORATION

CONFIDENTIAL REPORT OF EVALUATION

Submitted by: Mao Huang
Client: Atwell-Hicks
Object: Analysis: 8260 SCAN, 8270 SCAN, METALS, CYANIDE (#1-2); 8260 SCAN (#3)

Report Date: 08/14/98
Lab. No. : 98-2027A

Sample ID: Detroit Elevator Company - GP95 2-4' 8/5/98

COMPOUNDS	MDL (ppb)	LOD-S (ppb)	Results (ppb)
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (Method EPA 3500A, 3550, 8270)			
Acenaphthene	330	330	ND
Acenaphthylene	330	330	ND
Aniline	330	330	ND
Anthracene	330	330	450
Benzidine	330	330	ND
Benzyl alcohol	330	330	ND
Benzo(a)anthracene	330	330	ND
Benzo(a)pyrene	330	330	ND
Benzo(ghi)perylene	330	330	ND
Benzo(b)fluoranthene	330	330	ND
Benzo(k)fluoranthene	330	330	1800
Bis (2-chloroethoxy) methane	330	330	ND
Bis (2-chloroethyl) ether	330	330	ND
Bis (2-chloroisopropyl) ether	330	330	ND
Bis (2-ethylhexyl) phthalate	330	330	ND
4-bromophenyl phenyl ether	330	330	ND
Butyl benzyl phthalate	330	330	ND
Carbozole	330	330	ND
4-chloroaniline	330	330	ND
2-chloronaphthalene	330	330	ND
4-chlorophenyl phenyl ether	330	330	ND
Chrysene	330	330	2700
Dibenzo(a,h)anthracene	330	330	ND
Dibenzofuran	330	330	ND
1,2-Dichlorobenzene	330	330	ND
1,3-Dichlorobenzene	330	330	ND
1,4-Dichlorobenzene	330	330	ND
3,3'-dichlorobenzidine	330	330	ND
Diethyl phthalate	330	330	ND
Dimethyl phthalate	330	330	ND
Di-n-butyl phthalate	330	330	ND
2,4-dinitrotoluene	330	330	ND
2,6-dinitrotoluene	330	330	ND
Di-n-octyl phthalate	330	330	ND
Fluoranthene	330	330	4200
Fluorene	330	330	ND

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RTI LABORATORIES, INC.
A DIVISION OF DETREX CORPORATION

CONFIDENTIAL REPORT OF EVALUATION

Submitted by: Mao Huang
Client: Atwell-Hicks
Object: Analysis: 8260 SCAN, 8270 SCAN, METALS, CYANIDE (#1-2); 8260 SCAN (#3)

Report Date: 08/14/98
Lab. No. : 98-2027A

Sample ID: Detroit Elevator Company - GP96 2-4' 8/5/98

COMPOUNDS	MDL (ppb)	LOQ-S (ppb)	Results (ppb)
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (Method EPA 3500A, 3550, 8270)			
Hexachlorobenzene	330	330	ND
Hexachlorobutadiene	330	330	ND
Hexachlorocyclopentadiene	330	330	ND
Hexachloroethane	330	330	ND
Indeno(1,2,3-cd)pyrene	330	330	ND
Isophorone	330	330	ND
2-methylnaphthalene	330	330	ND
Azobenzene	330	330	ND
Naphthalene	330	330	ND
2-Nitroaniline	330	330	ND
3-Nitroaniline	330	330	ND
4-Nitroaniline	330	330	ND
Nitrobenzene	330	330	ND
N-nitrosodimethylamine	330	330	ND
N-nitrosodi-n-propylamine	330	330	ND
N-nitrosodiphenylamine	330	330	ND
Phenanthrene	330	330	2200
Pyrene	330	330	3500
1,2,4-trichlorobenzene	330	330	ND
ACID EXTRACTABLE COMPOUNDS (Method EPA 3500A, 3550, 8270)			
Benzoic Acid	330	330	ND
2-chlorophenol	330	330	ND
2,4-dichlorophenol	330	330	ND
2,6-dichlorophenol	330	330	ND
2,4-dimethylphenol	330	330	ND
2-Methyl-4,6-dinitrophenol	330	330	ND
2,4-dinitrophenol	330	330	ND
2-methylphenol	330	330	ND
4-methylphenol	330	330	ND
2-nitrophenol	330	330	ND
4-nitrophenol	330	330	ND
4-Chloro-3-methyl phenol	330	330	ND
Pentachlorophenol	330	330	ND
Phenol	330	330	ND
2,4,5-trichlorophenol	330	330	ND
2,4,6-trichlorophenol	330	330	ND
2,3,4,6-tetrachlorophenol	330	330	ND
2-chloro-o-cresol (cresol)	330	330	ND

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RTI LABORATORIES, INC.
A DIVISION OF DETREX CORPORATION

CONFIDENTIAL REPORT OF EVALUATION

Submitted by: Mao Huang
Client: Atwell-Hicks
Object: Analysis: 8260 SCAN, 8270 SCAN, METALS, CYANIDE (#1-2); 8260 SCAN (#3)

Report Date: 08/14/98
Lab. No. : 98-2027A

Sample ID: Detroit Elevator Company - GP96 2-4' 8/5/98

COMPOUNDS	MDL (ppb)	LOD-S (ppb)	Result (ppb)
VOLATILE ORGANIC COMPOUNDS (Method 5035, 8260)			
Acetone	750	750	ND
Benzene	50	50	ND
Bromodichloromethane	100	100	ND
Bromoform	100	100	ND
Bromomethane	250	250	ND
2-Butanone	250	250	ND
Carbon disulfide	250	250	ND
Carbon tetrachloride	50	50	ND
Chlorobenzene	50	50	ND
Chloroethane	250	250	ND
Chloroform	50	50	ND
Chloromethane	250	250	ND
Dibromochloromethane	100	100	ND
1,1-Dichloroethane	50	50	ND
1,2-Dichloroethane	50	50	ND
1,1-Dichloroethene	50	50	ND
cis-1,2-Dichloroethene	50	50	ND
trans-1,2-Dichloroethene	50	50	ND
1,2-Dichloropropane	50	50	ND
cis-1,3-Dichloropropene	50	50	ND
trans-1,3-Dichloropropene	50	50	ND
Ethylbenzene	50	50	ND
2-Hexanone	250	250	ND
Methylene chloride	250	250	ND
4-Methyl-2-pentanone	250	250	ND
Styrene	50	50	ND
1,1,2,2-Tetrachloroethane	100	100	ND
Tetrachloroethene	50	50	ND
Toluene	50	50	ND
1,1,1-Trichloroethane	50	50	ND
1,1,2-Trichloroethane	50	50	ND
Trichloroethene	50	50	ND
Vinyl chloride	100	100	ND
Xylenes	250	250	ND

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RTI LABORATORIES, INC.
A DIVISION OF DETREX CORPORATION

CONFIDENTIAL REPORT OF EVALUATION

Submitted by: Hao Huang
Client: Atwell-Hicks
Object: Analysis: 8260 SCAN, 8270 SCAN, METALS, CYANIDE (#1-2); 8260 SCAN (#3)

Report Date: 08/14/98
Lab. No. : 98-2027A

Sample ID: Detroit Elevator Company - GP96 2-4' 8/5/98

PARAMETERS	METHOD	MDL (ppb)	LOD-S (ppb)	Results (ppb)
METALS	3050A (Sample Preparation)			
Arsenic	7060A	1000	1000	16175
Barium	6010	1000	1000	824890
Cadmium	7131A	50.0	50.0	1031
Chromium	6010	2500	2500	32278
Lead	6010	1000	1000	740400
Mercury	7471A	100	100	ND
Selenium	7740	500	500	920
Silver	7761	500	500	ND
Copper	6010	1000	1000	122710
Zinc	6010	1000	1000	530290

PARAMETERS	METHOD	MDL (ppm)	LOD-S (ppm)	Results (ppm)
CYANIDE	9010	10	10	ND

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RTI LABORATORIES, INC.
A DIVISION OF DETREX CORPORATION

CONFIDENTIAL REPORT OF EVALUATION

Submitted by: Mao Huang
Client: Atwell-Hicks
Object: Analysis: 8260 SCAN, 8270 SCAN, METALS, CYANIDE (#1-2); 8260 SCAN (#3)

Report Date: 08/14/98
Lab. No. : 98-2027A

Sample ID: Detroit Elevator Company - GP97 2-4' 8/5/98

COMPOUNDS	MDL (ppb)	LOD-S (ppb)	Results (ppb)
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (Method EPA 3500A, 3550, 8270)			
Acenaphthene	330	330	ND
Acenaphthylene	330	330	ND
Aniline	330	330	ND
Anthracene	330	330	450
Benzidine	330	330	ND
Benzyl alcohol	330	330	ND
Benzo(a)anthracene	330	330	ND
Benzo(a)pyrene	330	330	ND
Benzo(ghi)perylene	330	330	ND
Benzo(b)fluoranthene	330	330	ND
Benzo(k)fluoranthene	330	330	1800
Bis (2-chloroethoxy) methane	330	330	ND
Bis (2-chloroethyl) ether	330	330	ND
Bis (2-chloroisopropyl) ether	330	330	ND
Bis (2-ethylhexyl) phthalate	330	330	ND
4-bromophenyl phenyl ether	330	330	ND
Butyl benzyl phthalate	330	330	ND
Carbozole	330	330	ND
4-chloroaniline	330	330	ND
2-chloronaphthalene	330	330	ND
4-chlorophenyl phenyl ether	330	330	ND
Chrysene	330	330	2760
Dibenzo(a,h)anthracene	330	330	ND
Dibenzofuran	330	330	ND
1,2-Dichlorobenzene	330	330	ND
1,3-Dichlorobenzene	330	330	ND
1,4-Dichlorobenzene	330	330	ND
3,3'-dichlorobenzidine	330	330	ND
Diethyl phthalate	330	330	ND
Dimethyl phthalate	330	330	ND
Di-n-butyl phthalate	330	330	ND
2,4-dinitrotoluene	330	330	ND
2,6-dinitrotoluene	330	330	ND
Di-n-octyl phthalate	330	330	ND
Fluoranthene	330	330	3800
Fluorene	330	330	ND

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RTI LABORATORIES, INC.
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CONFIDENTIAL REPORT OF EVALUATION

Submitted by: Mao Huang
Client: Atwell-Hicks
Object: Analysis: 8260 SCAN, 8270 SCAN, METALS, CYANIDE (#1-2); 8260 SCAN (#3)

Report Date: 08/14/98
Lab. No. : 98-2027A

. Sample ID: Detroit Elevator Company - GP97 2-4' 8/5/98

COMPOUNDS	MDL (ppb)	LOQ-S (ppb)	Results (ppb)
BASE/NEUTRAL EXTRACTABLE COMPOUNDS (Method EPA 3500A, 3550, 8270)			
Hexachlorobenzene	330	330	ND
Hexachlorobutadiene	330	330	ND
Hexachlorocyclopentadiene	330	330	ND
Hexachloroethane	330	330	ND
Indeno(1,2,3-cd)pyrene	330	330	ND
Isophorone	330	330	ND
2-methylnaphthalene	330	330	ND
Azobenzene	330	330	ND
Naphthalene	330	330	ND
2-Nitroaniline	330	330	ND
3-Nitroaniline	330	330	ND
4-Nitroaniline	330	330	ND
Nitrobenzene	330	330	ND
N-nitrosodimethylamine	330	330	ND
N-nitrosodi-n-propylamine	330	330	ND
N-nitrosodiphenylamine	330	330	ND
Phenanthrene	330	330	2250
Pyrene	330	330	3800
1,2,4-trichlorobenzene	330	330	ND
ACID EXTRACTABLE COMPOUNDS (Method EPA 3500A, 3550, 8270)			
Benzoic Acid	330	330	ND
2-chlorophenol	330	330	ND
2,4-dichlorophenol	330	330	ND
2,6-dichlorophenol	330	330	ND
2,4-dimethylphenol	330	330	ND
2-Methyl-4,6-dinitrophenol	330	330	ND
2,4-dinitrophenol	330	330	ND
2-methylphenol	330	330	ND
4-methylphenol	330	330	ND
2-nitrophenol	330	330	ND
4-nitrophenol	330	330	ND
4-Chloro-3-methyl phenol	330	330	ND
Pentachlorophenol	330	330	ND
Phenol	330	330	ND
2,4,5-trichlorophenol	330	330	ND
2,4,6-trichlorophenol	330	330	ND
2,3,4,6-tetrachlorophenol	330	330	ND
2-chloro-o-cresol (cresol)	330	330	ND

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RTI LABORATORIES, INC.
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CONFIDENTIAL REPORT OF EVALUATION

Submitted by: Mao Huang
Client: Atwell-Hicks
Object: Analysis: 8260 SCAN, 8270 SCAN, METALS, CYANIDE (#1-2); 8260 SCAN (#3)

Report Date: 08/14/98
Lab. No. : 98-2027A

Sample ID: Detroit Elevator Company - GP97 2-4' 8/5/98

COMPOUNDS	MDL (ppb)	LOD-S (ppb)	Result (ppb)
VOLATILE ORGANIC COMPOUNDS (Method 5035, 8260)			
Acetone	750	750	ND
Benzene	50	50	ND
Bromodichloromethane	100	100	ND
Bromoform	100	100	ND
Bromomethane	250	250	ND
2-Butanone	250	250	ND
Carbon disulfide	250	250	ND
Carbon tetrachloride	50	50	ND
Chlorobenzene	50	50	ND
Chloroethane	250	250	ND
Chloroform	50	50	ND
Chloromethane	250	250	ND
Dibromochloromethane	100	100	ND
1,1-Dichloroethane	50	50	ND
1,2-Dichloroethane	50	50	ND
1,1-Dichloroethene	50	50	ND
cis-1,2-Dichloroethene	50	50	ND
trans-1,2-Dichloroethene	50	50	ND
1,2-Dichloropropane	50	50	ND
cis-1,3-Dichloropropene	50	50	ND
trans-1,3-Dichloropropene	50	50	ND
Ethylbenzene	50	50	ND
2-Hexanone	250	250	ND
Methylene chloride	250	250	ND
4-Methyl-2-pentanone	250	250	ND
Styrene	50	50	ND
1,1,2,2-Tetrachloroethane	100	100	ND
Tetrachloroethene	50	50	ND
Toluene	50	50	ND
1,1,1-Trichloroethane	50	50	ND
1,1,2-Trichloroethane	50	50	ND
Trichloroethene	50	50	ND
Vinyl chloride	100	100	ND
Xylenes	250	250	ND

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RTI LABORATORIES, INC.
A DIVISION OF DETREX CORPORATION

CONFIDENTIAL REPORT OF EVALUATION

Submitted by: Mao Huang
Client: Atwell-Hicks
Object: Analysis: 8260 SCAN, 8270 SCAN, METALS, CYANIDE (#1-2); 8260 SCAN (#3)

Report Date: 08/14/98
Lab. No. : 98-2027A

Sample ID: Detroit Elevator Company - GP97 2-4' 8/5/98

PARAMETERS	METHOD	MDL (ppb)	LOD-S (ppb)	Results (ppb)
METALS	3050A (Sample Preparation)			
Arsenic	7060A	1000	1000	11117
Barium	6010	1000	1000	247166
Cadmium	7131A	50.0	50.0	449
Chromium	6010	2500	2500	15563
Lead	6010	1000	1000	304179
Mercury	7471A	100	100	ND
Selenium	7740	500	500	ND
Silver	7761	500	500	ND
Copper	6010	1000	1000	104984
Zinc	6010	1000	1000	257710

PARAMETERS	METHOD	MDL (ppm)	LOD-S (ppm)	Results (ppm)
CYANIDE	9010	10	10	ND

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RTI LABORATORIES, INC.
A DIVISION OF DETREX CORPORATION

CONFIDENTIAL REPORT OF EVALUATION

Submitted by: Mao Huang
Client: Atwell-Hicks
Object: Analysis: 8260 SCAN, 8270 SCAN, METALS, CYANIDE (#1-2); 8260 SCAN (#3)

Report Date: 08/14/98
Lab. No. : 98-2027A

Sample ID: Detroit Elevator Company - Blank #45008 8/5/98

COMPOUNDS	MDL (ppb)	LOD-S (ppb)	Result (ppb)
VOLATILE ORGANIC COMPOUNDS (Method 5035, 8260)			
Acetone	750	750	ND
Benzene	50	50	ND
Bromodichloromethane	100	100	ND
Bromoform	100	100	ND
Bromomethane	250	250	ND
2-Butanone	250	250	ND
Carbon disulfide	250	250	ND
Carbon tetrachloride	50	50	ND
Chlorobenzene	50	50	ND
Chloroethane	250	250	ND
Chloroform	50	50	ND
Chloromethane	250	250	ND
Dibromochloromethane	100	100	ND
1,1-Dichloroethane	50	50	ND
1,2-Dichloroethane	50	50	ND
1,1-Dichloroethene	50	50	ND
cis-1,2-Dichloroethene	50	50	ND
trans-1,2-Dichloroethene	50	50	ND
1,2-Dichloropropane	50	50	ND
cis-1,3-Dichloropropene	50	50	ND
trans-1,3-Dichloropropene	50	50	ND
Ethylbenzene	50	50	ND
2-Hexanone	250	250	ND
Methylene chloride	250	250	ND
4-Methyl-2-pentanone	250	250	ND
Styrene	50	50	ND
1,1,2,2-Tetrachloroethane	100	100	ND
Tetrachloroethene	50	50	ND
Toluene	50	50	ND
1,1,1-Trichloroethane	50	50	ND
1,1,2-Trichloroethane	50	50	ND
Trichloroethene	50	50	ND
Vinyl chloride	100	100	ND
Xylenes	250	250	ND

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RTI LABORATORIES, INC.
A DIVISION OF DETREX CORPORATION

CONFIDENTIAL REPORT OF EVALUATION

Submitted by: Mao Huang
Client: Atwell-Hicks
Object: Analysis: 8260 SCAN, 8270 SCAN, METALS, CYANIDE (#1-2); 8260 SCAN (#3)

Report Date: 08/14/98
Lab. No. : 98-2027A

QA/QC DATA

1. SURROGATE % RECOVERY

VOLATILE COMPOUNDS (Method EPA 8260)

	Results(%) 1	2	3	Limits(%)
Dibromofluoromethane---	100	98	102	80 - 120
Toluene-d8----------	102	102	99	82 - 118
4-Bromofluorobenzene---	95	89	97	80 - 120

SEMI-VOLATILE COMPOUNDS (Method EPA 8270)

	Results(%) 1	2	Limits(%)
2-Fluorophenol--------	84	100	25 - 121
Nitrobenzene-d5-------	100	75	23 - 120
2-Fluorobiphenyl------	124	92	30 - 115
Terphenyl-d14---------	80	62	18 - 137
2,4,6-Tribromophenol---	53	60	19 - 122
Phenol-d5----------	124	140	24 - 113

2. METHOD BLANKS (ORGANICS):

FILE ID	FRACTION	COMPOUND	RESULT
HPA48701	SEMI-VOL	All Compounds	ND
HPB50101	VOLATILE	All Compounds	ND

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RTI LABORATORIES, INC.
A DIVISION OF DEIREX CORPORATION

CONFIDENTIAL REPORT OF EVALUATION

Submitted by: Mao Huang
Client: Atwell-Hicks
Object: Analysis: 8260 SCAN, 8270 SCAN, METALS, CYANIDE (#1-2); 8260 SCAN (#3)

Report Date: 08/14/98
Lab. No. : 98-2027A

SAMPLE PROCESSING DATA

	SEMI-VOL	VOLATILE	METALS
Date Extracted/Digested:-	08/07/98	NA	08/08/98
Extracted/Digested by:---	AB2	NA	JSI
Date Analyzed:----------	08/10/98	08/07/98	08/08/98
Analyzed by:----------	AB2	LK	JSI
File ID:----------	HPA48704-5	HPB50111-3	NA
Batch #:----------	081098	080798	080898

ND = Not Detected or less than MDL
NA = Not Applicable or Not Analyzed
LOD-S = Limit of Detection for the reported sample(s)
MDL = Method Detection Limit or Contract Required Detection Limit.
Trip/Field Blank Submitted: Yes
Test Parameters Subcontracted: None
Results are reported in ppb unless otherwise specified.
Results are reported on a dryweight basis where appropriate.
Issuing of this report certifies that all cited method control criteria have been met unless otherwise indicated or qualified in the quality control section.

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RTI LABORATORIES, INC.
(A division of Detrex Corporation)
31628 Glendale Avenue • Livonia, MI 48150

(734) 422-8000
Fax (734) 422-5342

PO# _____
RTI Lab # 98-2027A (LAB ONLY)

Submitted By: Atwell-Hicks Report To: Man Huang Bill To: _____

Phone: _____ Fax: _____

Project Name: Detroit Elevator Company

Project # MA02011 Phone: _____ Fax: _____ Phone: _____ Fax: _____

Special Instructions / Comments: _____

	Sample I.D.	Date	Time	Grab	Composite	No. of Containers	Sample Type (water, soil, air, sludge, etc.)	Preservation Y	Preservation N	Analysis Desired: VOCs	Semi-VOCs	10 MI Metals	Cyn. (Total)							Lab WT.	Soil WT.	Total WT.	Comments on Sample (Include Major Contaminants)
1	GP96 2'-4'	8-5-98		✓		2	Soil	X		X	X	X	X							134.3	27.5	134.5	
2	GP97 2'-4'	✓		✓		3	✓	X		X	X	X	X							133.7	28.0	133.9	
3	Blank # (45008)					1	MEOH																

Collected by: Man Huang	Date: 8-5-98	Time:	
Relinquished by: Man Huang	Date: 8-5-98	Time: 11:45 A	
Received by: [signature]	Date: 8-5-98	Time: 11:45 A	
Relinquished by:	Date:	Time:	
Received by:	Date:	Time:	
Relinquished by:	Date:	Time:	
Received by:	Date:	Time:	
Comments:			

Laboratory Comments Only:

Seals Intact Upon Receipt ☐ Yes ☐ No ☒ N/A
Broken Containers ☐ Yes ☒ No
All Containers Labeled ☒ Yes ☐ No

Date Results Needed By: _____

☒ Routine ☐ Priority

RTI LABORATORIES, INC.

A DIVISION OF DETREX CORPORATION

REPORT OF ANALYTICAL SERVICES

TO: Atwell-Hicks
6303 26 Mile Rd.
Washington, MI 48094

Report Date: 08/18/98

Lab Number: 98-2027B

Customer P.O. #:

Attn: Mao Huang

Customer #:

RTI Quote #:

PART / SAMPLE IDENTIFICATION:

Detroit Elevator Company - Project #MA02011
2 Soil Samples

Received: 08/05/98 Tests Completed: 08/18/98 Reported: 08/18/98

WORK REQUESTED / PERFORMED:

Analysis: PCB

THE RESULTS OF ALL TESTS and/or ANALYSES REQUESTED ARE REPORTED ON THE PAGES WHICH FOLLOW.

Number of pages including this page 5.

APPROVED BY: _____ REPORTED BY: AF

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RTI LABORATORIES, INC.
A DIVISION OF DETREX CORPORATION

CONFIDENTIAL REPORT OF EVALUATION

Submitted by : Mao Huang

Lab. No. : 98-2027B

Client : Atwell-Hicks
Washington, MI

Report Date : 08/18/98

Sample ID :

Detroit Elevator Company - Project #MA02011
2 Soil Samples

Object :

Analysis: PCB

Results and Discussion :

SAMPLE IDENTIFICATION	SAMPLE MATRIX
1 - GP96 2-4' 8/5/98	Soil
2 - GP97 2-4' 8/5/98	Soil

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RTI LABORATORIES, INC.
A DIVISION OF DETREX CORPORATION

CONFIDENTIAL REPORT OF EVALUATION

Submitted by: Mao Huang
Client: Atwell-Hicks
Object: Analysis: PCB

Report Date: 08/18/98
Lab. No. : 98-2027B

Sample ID: Detroit Elevator Company - GP96 2-4' 8/5/98

Parameter	MDL (ppm)	LOD-S (ppm)	Results (ppm)
PCB's (Method EPA 3550A, 3665, 3620A, 8080)			
Arochlor 1016	1.0	1.0	ND
Arochlor 1221	1.0	1.0	ND
Arochlor 1232	1.0	1.0	ND
Arochlor 1242	1.0	1.0	ND
Arochlor 1248	1.0	1.0	ND
Arochlor 1254	1.0	1.0	ND
Arochlor 1260	1.0	1.0	ND

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RTI LABORATORIES, INC.
A DIVISION OF DETREX CORPORATION

CONFIDENTIAL REPORT OF EVALUATION

Submitted by: Mao Huang
Client: Atwell-Hicks
Object: Analysis: PCB

Report Date: 08/18/98
Lab. No. : 98-2027B

Sample ID: Detroit Elevator Company - GP97 2-4' 8/5/98

Parameter	MDL (ppm)	LOQ-S (ppm)	Results (ppm)
PCB's (Method EPA 3550A, 3665, 3620A, 8080)			
Arochlor 1016	1.0	1.0	ND
Arochlor 1221	1.0	1.0	ND
Arochlor 1232	1.0	1.0	ND
Arochlor 1242	1.0	1.0	ND
Arochlor 1248	1.0	1.0	ND
Arochlor 1254	1.0	1.0	ND
Arochlor 1260	1.0	1.0	ND

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RTI LABORATORIES, INC.
A DIVISION OF DETREX CORPORATION

CONFIDENTIAL REPORT OF EVALUATION

Submitted by: Mao Huang
Client: Atwell-Hicks
Object: Analysis: PCB

Report Date: 08/18/98
Lab. No. : 98-2027B

QA/QC DATA

1. SURROGATE % RECOVERY

PCB (Method EPA 8080)

	Results(%)	
	1	2
TCMX------	94	65

2. METHOD BLANKS (ORGANICS):

FILE ID	FRACTION	COMPOUND	RESULT
HPA48913	PCB	All Compounds	ND

SAMPLE PROCESSING DATA

	PCB
Date Extracted/Digested:-	08/14/98
Extracted/Digested by:---	AB2
Date Analyzed:----------	08/14/98
Analyzed by:----------	LK
File ID:----------	HPA48914-5
Batch #:----------	081498

ND = Not Detected or less than MDL
NA = Not Applicable or Not Analyzed
LOD-S = Limit of Detection for the reported sample(s)
MDL = Method Detection Limit or Contract Required Detection Limit.
Trip/Field Blank Submitted: No
Test Parameters Subcontracted: None
Results are reported in ppb unless otherwise specified.
Results are reported on a dryweight basis where appropriate.
Issuing of this report certifies that all cited method control criteria have been met unless otherwise indicated or qualified in the quality control section.

31628 GLENDALE AVENUE • LIVONIA, MI 48150 • 734/ 422-8000 • FAX 734/ 422-5342

RTI

RTI LABORATORIES, INC.
(A division of Detrex Corporation)
31628 Glendale Avenue • Livonia, MI 48150

(313) 422-8000
FAX (313) 422-5342

PO# _____
RTI Lab # 98-2027B (LAB ONLY)

Submitted By: _____ Report To: Mae Huang, Atwell Hicks, Washington Bill To: AHIW

Phone _____ Fax _____

Project Name: RTI 98-2027

Project # Detroit Elevator

Phone _____ Fax _____ Phone _____ Fax _____

Special Instructions/Comments: New work samples in Lab. Per telephone with Ron

Sample I.D.	Date	Time	Grab	Composite	No. of Containers	Sample Type (Water, soil, air, sludge, etc.)	Preservation Y	Preservation N	Analysis Desired PCB										Comments on Sample (Include Major Contaminants)
GP96-2-4'					1	Soil			X										
GP97-2-4'					1	Soil			X										

Collected by:	Date	Time
Relinquished by:	Date	Time
Received by: [signature]	Date 8-14-98	Time 2:35P
Relinquished by:	Date	Time
Received by:	Date	Time
Relinquished by:	Date	Time
Received by:	Date	Time
Relinquished by:	Date	Time
Received by:	Date	Time

Laboratory Comments Only:

Seals Intact Upon Receipt ☐ Yes ☐ No ☒ N/A
Broken Containers ☐ Yes ☒ No
All Containers Labeled ☒ Yes ☐ No

Date Results Needed By: 8-21-98

☒ Routine ☐ Priority

APPENDIX C

AKT Peerless' January 2007 Phase II ESA

PHASE II ENVIRONMENTAL SITE ASSESSMENT
FORMER DETROIT ELEVATOR COMPANY
1938 FRANKLIN STREET
DETROIT, MICHIGAN 48216

prepared for

RDR REAL ESTATE, LLC
26300 NORTHWESTERN HWY-SUITE 300
Southfield, Michigan 48076

AKT PEERLESS PROJECT NO. 53242-1-20
JANUARY 22, 2007

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environmental services

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PHASE II ENVIRONMENTAL SITE ASSESSMENT

FORMER DETROIT ELEVATOR COMPANY
1938 FRANKLIN STREET
DETROIT, MICHIGAN 48216

AKT PEERLESS PROJECT NO. 5324D2-1-20

1.0 INTRODUCTION

RDR Real Estate, LLC (RDR) retained AKT Peerless Environmental Services (AKT Peerless) to conduct a Phase II Environmental Site Assessment (ESA) of the property located at 1938 Franklin Street in Detroit, Wayne County, Michigan (subject property). This report was completed on behalf of RDR. AKT Peerless understands RDR plans to construct a mixed-use commercial and residential development at the subject property. The scope of the Phase II ESA was based on:

- Oversight and Sampling Summary Letter, prepared in August 1998 by Atwell-Hicks on behalf of Cox, Hodgman & Giarmarco.
- The recognized environmental conditions (RECs) identified in AKT Peerless' Phase I ESA dated January 6, 2007.
- Proposals for Environmental Investigation, (AKT Peerless Proposal No. PD-7629-1, dated January 8, 2007, and;

This documents the field activities, sampling protocols, and laboratory analytical results associated with AKT Peerless' Phase II ESA. AKT Peerless' Phase II ESA was performed for the benefit of RDR Real Estate, LLC and for future financing entities. AKT Peerless asserts that these parties may rely on the contents and conclusions of this report.

The field activities were performed on January 9 and 10, 2006. AKT Peerless' scope of work was based on American Society for Testing and Materials (ASTM) "*Standard Guide for Environmental Site Assessments: Phase II Environmental Site Assessment Process E-1903-97.*" ASTM E-1903-97 provides a framework for employing good and commercial and customary practices in conducting a Phase II ESA of a property with RECs.

2.0 BACKGROUND

The background information provided in the following sections is based on AKT Peerless' Phase I ESA.

2.1 SUBJECT PROPERTY DESCRIPTION AND FEATURES

The subject property is located at 1938 Franklin Street in the City of Detroit, Wayne County, Michigan. The subject property is situated on the southern side of Franklin Street between Orleans and St. Aubin Avenues. It consists of a square-shaped parcel that contains

approximately 0.6-acres. The Detroit Elevator Company is the current owner of the subject property. The subject property's parcel identification number is 09/000031-2.

2.2 PHYSICAL SETTING

The subject property is currently developed as light industrial, and is located in an area of Detroit that is characterized by vacant, commercial, and/or light industrial properties; the Detroit River; railroad tracks; and surface roadways.

2.3 HYDROGEOLOGIC SETTING

The following subsections present the regional geologic setting based on available published information and the local geologic setting based on subsurface work conducted at the subject property.

2.3.1 Topography and Surface Water Drainage

According to the USGS' *Topographic Map of the Detroit, Michigan Quadrangle*, which was published in 1968 and was photorevised in 1973 and 1980, the subject property is situated approximately 590 feet above the National Geodetic Vertical Datum (NGVD). The subject property's topography appears to decline gently to the south.

2.3.2 Regional Geology and Hydrogeology

Soil

According to the MDNR Geological Survey Division's *Bedrock Geology of Southern Michigan* (1987), bedrock beneath the subject property is classified as Bedford Shale of an unassigned series within the Devonian System of the Paleozoic Era. The depth to bedrock beneath the subject property was not readily available prior to the completion of this Phase I ESA.

According to the Michigan Geological Survey Division's publication, *Quaternary Geology of Southern Michigan*, soil in the area is lacustrine clay and silt. This soil is described as gray to dark reddish brown and is varved in some localities. The soil chiefly underlies extensive, flat, low-lying areas formerly inundated by glacial Great Lakes. Soil thickness ranges from 10 to 30 feet. Typically, lacustrine clay and silt are associated with low hydraulic permeability and restrict the movement of groundwater.

According to the United States Department of Agriculture, *Soil Survey of Wayne County, Michigan,* the soil in the area is classified as the Pewamo-Blount-Metamora association. This soil is described as "*nearly level to gently sloping, poorly drained to somewhat poorly drained soils that have a fine-textured to moderately fine-textured subsoil.*"

AKT Peerless did not obtain other information about subsurface soil beneath the subject property during this Phase I ESA, except as described in the Phase II subsurface investigations conducted by Atwell-Hicks in 1998. According to Atwell-Hicks, soil encountered beneath the subject property consisted of fill material over native clay. The fill material consisted of silty/clayey sand from ground surface to approximately six to eight feet below ground surface. The native brown, dense and dry clay was encountered from these depths to at least 12 feet below ground surface, the maximum depth explored.

Groundwater

Typically, the water table aquifer flows toward a major drainage feature or in the same direction as the drainage basin. The Detroit River, which flows southwest, is located approximately 1,000 feet south of the subject property. Therefore, AKT Peerless infers that groundwater beneath the subject property flows to the south, with potential influence from the Detroit River. However, man-made cultural features (e.g., utility corridors and filled areas) may influence the groundwater flow direction in older urban environments with shallow groundwater.

Other than the Detroit River, AKT Peerless' research did not identify any known groundwater recharge area on or near the subject property, or any groundwater supply on the subject property. Groundwater from the area of the subject property does not serve as the primary drinking water source for properties in Detroit, which obtains its municipal water from the Detroit Water & Sewerage Department (DWSD). Public sources of information do not identify main aquifers below the subject property.

2.4 SUBJECT PROPERTY HISTORY AND LAND USE

The following table summarizes the general development and use of the subject property, as identified by AKT Peerless.

Time Period	Improvements	Use	Owner / Occupant	Data Source(s)
1884 – 1897	residential structures	residential	not determined	Sanborn maps
~1907 – 1910	residential house and store light industrial building	residential and retail manufacturer of steel bathtubs	Pressed Steel Sanitary Mfg. Co.	Internet website
1910	residential house and store light industrial building	residential and retail stamping mill	EMF Automotive Co.	Internet website
1911-1916	residential house and store light industrial building	residential and retail stamping mill	Studebaker Plant #5	Internet website Interviews
~1916-1930s	residential house and store light industrial building with associated outbuilding and parking area	residential and retail machine and tool shop with office (first floor) and automobile body storage (partial second floor)	F. Joseph Lamb Company	Internet website Sanborn maps municipal records aerial photographs city directories interviews
~1930s-1950s	residential house and store have been demolished light industrial building with associated outbuilding and parking area	conveyor system manufacturing company	General Conveyors Corp.	Sanborn map municipal records aerial photographs city directories interviews
~1950s-2001	the outbuilding was demolished during this time period light industrial building and parking area	elevator car manufacturing company	Detroit Elevator Company	Sanborn map municipal records aerial photographs city directories interviews

Time Period	Improvements	Use	Owner / Occupant	Data Source(s)
~2001-present	light industrial building and parking area	none (vacant)	Detroit Elevator Company	Sanborn map municipal records aerial photographs city directories interviews reconnaissance

2.5 ADJACENT PROPERTY HISTORY AND LAND USE

2.5.1 Northern Adjoining Properties

The northern adjoining property, beyond Franklin Street, contained single-family residential houses from at least 1884 until a steel storage warehouse was constructed between 1922 and 1945. Currently, the northern adjoining property contains a vacant, light industrial building.

The northwestern adjoining property, beyond Franklin Street, contained single-family residential houses from at least 1884 until a warehouse building was constructed between 1922 and 1950. Previous occupants of this adjoining property have included Jefferson Terminal Warehouse Co. – Grocery Warehouse, The Technicom Group, and Detroit Marketing & Distributing, Inc. Currently, the northwestern adjoining property contains a vacant, light industrial building.

2.5.2 Eastern Adjoining Property

The eastern adjoining property contained a single-family residential house from at least 1884 until the existing light industrial building was constructed between 1897 and 1922. Previous occupants of this adjoining property have included Mueth Iron Works and Aluminum & Architectural Metals. Currently, the eastern adjoining property contains a vacant, light industrial building.

2.5.3 Southern Adjoining Properties

The southeastern adjoining property, beyond the public alley, contained single-family residential houses from at least 1884 until the homes were demolished and a scrap metal storage yard was constructed between 1897 and 1922. Between 1922 and 1950 this adjoining property was further developed with a light industrial building, which was demolished between 2000 and 2006. Previous occupants of this adjoining property have included Michigan Steel Castings Co. and Michigan Standard Alloy Casting. Currently, the southeastern adjoining property consists of vacant land.

The southern adjoining property, beyond the public alley, contained a coal storage yard from at least 1884 until an industrial building was constructed between 1922 and 1949. This industrial building was demolished between 1977 and 1980. Previous occupants of this adjoining property have included Hurley Coal Yard, Michigan Steel Castings, and Michigan Standard Alloy Casting. Currently, the southern adjoining property consists of vacant land.

The southwestern adjoining property, beyond the public alley, contained single-family residential houses from at least 1884 until a pattern storage and wagon shed were constructed between 1884 and 1897. Between 1922 and 1950 this adjoining property was further developed with an industrial building, which was demolished between 1985 and 1990. Previous occupants of this adjoining property have included Detroit Dry Dock and Engine Works and Central Iron Foundry.

Currently, the southwestern adjoining property consists of vacant land.

2.5.4 Western Adjoining Property

The western adjoining property contained single-family residential houses and a store from at least 1884 until a soap manufacturing building was constructed between 1897 and 1922. These building were demolished, and a steel storage yard was constructed between 1922 and 1949. Identified previous occupants of this adjoining property included National Soap Works Co. Currently, the western adjoining property consists of vacant land.

2.6 PREVIOUS ENVIRONMENTAL INVESTIGATIONS

2.6.1 Atwell-Hicks, August 1998, Oversight and Sampling Summary Letter

RDR provided AKT Peerless with a copy of the following report, which documents a previous environmental investigation of the subject property.

- Oversight and Sampling Summary Letter, prepared in August 1998 by Atwell-Hicks on behalf of Cox, Hodgman & Giarmarco.

In August 1998, Atwell-Hicks completed a subsurface investigation of the subject property on behalf of Cox, Hogman & Giarmarco. AKT Peerless understands that the purpose of this investigation was to provide a limited evaluation of subsurface conditions subsequent to the owner's sale of the subject property. During the investigation, Atwell-Hicks (1) conducted a geophysical survey of the parking lot area, (2) drilled two soil borings in the parking lot, (3) collected two soil samples [GP96 (2-4) and GP97 (2-4)], and (4) submitted soil samples for laboratory analyses. The soil samples were submitted for laboratory analyses of volatile organic compounds (VOCs); semi-VOCs; polychlorinated biphenyls (PCBs); Michigan metals (arsenic, barium, cadmium, chromium, copper, lead, mercury, selenium, silver, and zinc); and total cyanide.

According to Atwell-Hicks, a geophysical survey of the parking lot area indicated that no anomalies consistent with USTs were detected in this area. However, AKT Peerless was not provided with a copy of the geophysical report, and therefore can make no specific conclusions regarding these reported results.

Analytical results indicated that VOCs, PCBs, and total cyanide were not detected above laboratory method detection limits. Six PNAs (anthracene, benzo(k)flouoranthene, chrysene, fluoranthene, phenanthrene, and pyrene) were detected in both soil samples, but were below MDEQ Part 201 Cleanup Criteria. Lead and arsenic were detected above MDEQ Part 201 Residential Soil Direct Contact Criteria. Selenium was detected above MDEQ Part 201 Groundwater to Surface Water Interface (GSI) Protection Criteria. Since a site map depicting the location of these soil borings was not provided, AKT Peerless can not make any specific conclusions regarding the results of Atwell-Hicks investigation. However, it appears that the subject property meets the definition of a "facility" ", as defined in Part 201 of Natural Resources and Environmental Protection Act (NREPA), Michigan Public Act (PA) 451, as amended.

2.6.2 AKT Peerless' January 2007, Phase I ESA

On January 6, 2007, AKT Peerless completed a Phase I ESA of the subject property on behalf of

the DWCPA. The purpose of AKT Peerless' ESA was to provide an independent, professional opinion of the *recognized environmental conditions* (RECs) or *historical recognized environmental conditions* (HRECs) associated with the subject property, if any. The RECs identified by AKT Peerless are summarized below.

1. The subject property has been used for industrial activities since the existing building was constructed in 1907. Previous occupants of the subject property have included Pressed Steel Sanitary Manufacturing Co. (1907-1910), EMP Automotive Co. (1910-1911), Studebaker (1911-1916), F. Joseph Lamb Company (~1916 through 1940s), General Conveyors Corporation (~1930s), Inserts, Inc. (~1980s) and Detroit Elevator Company (~1960s through 2001). These previous occupants utilized the subject property for industrial activities, which likely included the storage and use of hazardous substances and petroleum products. It is AKT Peerless' opinion that a potential exists for the subject property's soil and groundwater to have been adversely affected by these historical uses.

2. Atwell-Hicks completed a subsurface investigation of the subject property in August 1998. AKT Peerless understands that the purpose of this investigation was to provide a limited evaluation of subsurface conditions subsequent to the owner's sale of the subject property. During the investigation, Atwell-Hicks conducted a geophysical survey and drilled two soil borings in the parking lot area of the property. Anomalies consistent with USTs were not detected during the geophysical survey. Lead and arsenic were detected in soil above MDEQ Part 201 Residential Soil Direct Contact Criteria. Based on the results of this investigation, the subject property meets the definition of a "facility", as defined in Part 201 of Natural Resources and Environmental Protection Act (NREPA), Michigan Public Act (PA) 451, as amended.

3. A fire department data slip indicated that a 1,000-gallon UST used to store Class I Liquid was identified in a corner of the subject building in December 1926. The UST is depicted as 6.5-feet in diameter and 6-feet in length, and the fill and vent pipes could not be located. AKT Peerless was unable to determine the specific location of the UST based on these fire department records

4. Detroit Fire Department records for the subject property indicate that containers of paint, mineral spirits, paint thinner, hydraulic oil, and varnish were identified within the subject building during inspections conducted between 1989 and 1998. The containers ranged in size from less than one gallon to 55-gallon drums. AKT Peerless identified abandoned containers during the reconnaissance of the subject property. Staining was observed on the concrete and brick floor near some of these containers. Furthermore, Mr. Morrison indicated that an above ground storage tank (AST) used to store oil was located outside the southwestern corner of the subject building.

5. AKT Peerless observed two hydraulic lifts in the subject building. Staining was observed on the concrete floor surrounding the hydraulic oil reservoirs associated with these lifts. Based on the age of the subject building, the potential exists that these lifts used PCB-containing hydraulic oil.

6. AKT Peerless observed staining on the concrete floor in several areas within the subject building. In most cases, this staining was observed on or near severely pitted

and corroded concrete. AKT Peerless observed what appeared to be a former floor drain in the southwestern portion of the subject building south of the office area. This floor drain did not appear to be operational.

7. AKT Peerless observed suspicious pipes and patched and filled concrete and two suspicious manhole covers in the subject building. The former purpose of these features was not determined during this ESA.

8. The northern adjoining property contained single-family residential houses from at least 1884 until a steel storage warehouse was constructed between 1922 and 1945. Subsequent industrial activities were conducted at this property until the late 1990s or early 2000s. Currently, the northern adjoining property contains a vacant, light industrial building. The historical use of this adjoining property for industrial activities presents an environmental concern to the subject property.

9. The eastern adjoining property contained a single-family residential house from at least 1884 until the existing light industrial building was constructed between 1897 and 1922. Previous occupants of this adjoining property have included Mueth Iron Works and Aluminum & Architectural Metals. Currently, the eastern adjoining property contains a vacant, light industrial building. In addition, a nearby industrial property (Hayes File Company) located 50 feet east of the subject property contained an acid storage tank identified in Sanborn maps (refer to Section 4.4.2).

10. The southeastern adjoining property, beyond the public alley, contained single-family residential houses from at least 1884 until the homes were demolished and a scrap metal storage yard was constructed between 1897 and 1922. Between 1922 and 1950 this adjoining property was further developed with a light industrial building, which was demolished between 2000 and 2006. Previous occupants of this adjoining property have included Michigan Steel Castings Co. and Michigan Standard Alloy Casting. Currently, the southeastern adjoining property consists of vacant land.

11. Industrial activities were conducted on the southern adjoining property from at least 1884 until approximately the 1980s. The southern adjoining property, beyond the public alley, contained a coal storage yard from at least 1884 until an industrial building was constructed between 1922 and 1949. This industrial building was demolished between 1977 and 1980. Previous occupants of this adjoining property have included Hurley Coal Yard, Michigan Steel Castings, and Michigan Standard Alloy Casting. Currently, the southern adjoining property consists of vacant land. According to the EDR Report, one 1,000-gallon gasoline UST was removed from this site in September 1998. The UST was constructed of asphalt-coated or bare steel with bare steel piping material. The installation date for this UST was not reported. A confirmed release (Leak No. C-0820-98) from the UST was reported to MDEQ in September 1998. The release was likely discovered during removal of the UST. The LUST investigation associated with this release was "closed" in January 1999.

12. The southwestern adjoining property, beyond the public alley, contained single-family residential houses from at least 1884 until a pattern storage and wagon shed were constructed between 1884 and 1897. Between 1922 and 1950 this adjoining property was further developed with an industrial building, which was demolished

between 1985 and 1990. Previous occupants of this adjoining property have included Detroit Dry Dock and Engine Works and Central Iron Foundry. Currently, the southwestern adjoining property consists of vacant land.

13. The western adjoining property contained single-family residential houses and a store from at least 1884 until a soap manufacturing building was constructed between 1897 and 1922. These building were demolished, and a steel storage yard was constructed between 1922 and 1949. Identified previous occupants of this adjoining property included National Soap Works Co. Currently, the western adjoining property consists of vacant land.

3.0 INVESTIGATION ACTIVITIES

3.1 SCOPE OF ASSESSMENT

To further evaluate the RECs identified in AKT Peerless' Phase I ESA, AKT Peerless conducted a subsurface investigation of subject property, which included: (1) completing a geophysical survey, (2) evaluating the suspicious manhole covers and pipes identified in the subject building (3) drilling 14 soil borings, (4) installing 1 temporary groundwater monitoring well, (5) collecting 28 soil samples, 1 groundwater sample, and 7 concrete wipe samples, and (6) submitting the samples for laboratory analysis. Samples were submitted for select laboratory analysis including volatile organic compounds (VOCs), polynuclear aromatic hydrocarbons (PNAs), polychlorinated biphenyls (PCBs), waste oil parameters[1], light distillate oil parameters[2], leaded gasoline parameters[3], and/or Michigan Metals[4].

3.2 GEOPHYSICAL SURVEY

AKT Peerless retained Geophysical Imaging, Inc. (GII) to conduct a geophysical survey of the subject property. In January 2007, GII conducted an electromagnetic induction (EM) and ground penetrating radar (GPR) survey to evaluate whether USTs are present beneath the subject property. The results of the geophysical survey did not indicate anomalies with the characteristics of USTs. However, the geophysical survey did indicate three strong metal anomalies on the subject property. According to GII, these anomalies are most likely due to buried metal debris, and/or reinforced concrete. In addition, the geophysical survey identified a backfill excavation area located in the east-central portion of the building. According to GII this backfill excavation area represents a possible former UST cavity. It is important to note that GII's investigation within the subject building may have been limited by the presence of reinforced concrete. A copy of the geophysical survey report is included as Appendix C.

3.3 FIELD EVALUATION OF MANHOLE COVERS AND SUSPICIOUS PIPES

As discussed in the Phase I ESA, AKT Peerless observed suspicious manholes and pipes in the subject building. These features were observed along the northern and southern walls of the subject property. The former purpose of these features is not known. On January 9, 2006, AKT

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[1] Waste oil parameters include benzene, toluene, ethylbenzene, xyelene (BTEX), trimethylbenzene isomers (TMBs), dibromoethane (EDB), dichloroethane (DCA), PNAs, cadmium, chromium, lead, volatile halocarbons, and PCBs.
[2] Light distillate oil parameters include BTEX, TMBs, and PNAs.
[3] Leaded gasoline parameters include BTEX, TMBs, EDB, DCA, naphthalene, 2-methylnaphthalene, and lead.
[4] Michigan Metals include arsenic, barium, cadmium, chromium, copper, lead, mercury, nickel, selenium, silver, and zinc.

Peerless inspected the suspicious pipes, removed the manhole covers, and inspected the access areas beneath the covers. AKT Peerless observed two pipes within the access areas of the manholes, which appeared to be associated with a water service and sewer systmes. In addition, AKT Peerless drilled soil borings (B-5, B-6, and B-7) near these manhole covers and suspicious pipes. Refer to Section 3.4 for a summary of this portion of the investigation.

3.4 SUBSURFACE INVESTIGATION

The following table summarizes each REC and the subsurface investigation activities performed to address each REC.

Summary of AKT Peerless' Scope of Subsurface Investigation

REC #	Environmental Concern	Investigation Activity
1	Historical industrial use	B-1 through B-14 and geophysical survey
2	Previous environmental subsurface investigation	B-10 through B-14
3	Potential for abandoned USTs	B-2, B-7, and geophysical survey
4	Abandoned containers and stained concrete	B-9, and CW-4, CW-5, and CW-7
5	Former hydraulic lift and stained concrete	B-3, B-8, CW-1, and CW-6
6	Stained concrete	B-3 through B-6, B-8, B-9, and CW-1 through CW-7
7	Suspicous pipes and manholes	B-5, B-6, B-7, and field evaluation of the manholes and suspicious pipes
8-13	Adjoining properties	B-1, B-3, B-5, B-6, B-10 through B-14

3.4.1 Soil Evaluation

On January 9 and 10, 2006, AKT Peerless retained SQS Environmental Services. (SQS) of Canton, Michigan to drill 14 soil borings at the subject property. SQS used hydraulic drive/direct-push (Powerprope®) sampling techniques and followed the drilling procedures outlined in ASTM publication ASTM D-4700. SQS collected continuous soil samples from the soil borings at four-foot intervals to the maximum depth explored of 20 feet below ground surface (bgs). AKT Peerless personnel inspected, field-screened, and logged the samples collected at each soil boring location. The following table summarizes soil boring locations and soil samples submitted for laboratory analyses.

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Summary of Soil Sample Collection

Soil Boring Location	Soil Boring Location	Samples Submitted To Laboratory (in feet bgs)	Analytical Parameters
B-1	In northeast corner of subject building	B-1 (0.5-1) B-1(5-7)	VOCs, PNAs, and Michigan metals
B-2	Potential former UST location	B-2 (2-4) B-2 (15-17)	VOCs, PNAs, and Michigan metals
B-3	Former hydraulic lift	B-3 (0.5-1) B-3 (3-5)	Waste oil
B-4	Stained concrete in middle of subject building	B-4 (0.5-1)	Waste oil
B-5	Area of suspicious pipes	B-5 (0.5-1) B-5 (3-5)	Light distillate oil
B-6	Stained area and suspicious manhole	B-6 (1-3) B-6 (4-6)	VOCs, PNAs, and Michigan metals
B-7	Potential former UST location, near suspicious manhole and pipes.	B-7 (5-7) B-7 (10-12)	PNAs and Leaded Gasoline
B-8	Former hydraulic lift	B-8 (0.5-1) B-8 (4-6))	Waste oil
B-9	Drum storage area	B-9 (0.5-1) B-9 (4-6) B-9 (6-8)	Waste oil
B-10	Former AST location	B-10 (0.5-1) B-10 (4-6)	Light distillate oil
B-11	Southern former parking lot area	B-11 (0-0.5) B-11 (7-9)	VOCs, PNAs, and Michigan metals
B-12	Western former parking lot area	B-12 (0-0.5) B-12 (3-5)	VOCs, PNAs, and Michigan metals
B-13	Center of former parking lot area	B-13 (0-0.5) B-13 (4-6) B-13 (10-12)	VOCs, PNAs, and Michigan metals
B-14	Northern former parking lot area	B-14 (3-5)	VOCs, PNAs, and Michigan metals

Refer to Figure 2 for a site map with soil boring locations.

3.4.2 Groundwater Evaluation

AKT Peerless encountered groundwater in one soil boring (B-2) at an approximate depth of 17 feet below ground surface. AKT Peerless instructed SQS to install a temporary groundwater monitoring well (B-2w) in this boring location. The following table summarizes the temporary groundwater monitoring well location and the groundwater sample submitted for laboratory analyses.

Summary of Groundwater Sample Collection

Monitor Well Location	Monitor Well Location On Subject Property	Samples Submitted To Laboratory	Analytical Parameters*
B-2	Potential former UST location	B-2w	VOCs an PNAs

*This temporary well did not produce a sufficient volume of ground water to collect a sample for metal analysis

Refer to Figure 2 for a site map with temporary monitor well locations.

3.4.3 Concrete Wipe Samples

On January 9, 2007 AKT Peerless collected seven concrete wipe samples (CW-1 through CW-7) from the subject building. These samples were collected in areas of the building where surface staining was observed during AKT Peerless' Phase I ESA. The samples were submitted for laboratory analysis of PCBs. Refer to Figure 2 for a site map with concrete wipe sample locations.

3.5 QUALITY ASSURANCE/QUALITY CONTROL

To ensure the accuracy of data collected during on site activities, AKT Peerless implemented proper quality assurance/quality control (QA/QC) measures. The QA/QC procedures included, but were not limited to, (1) decontamination of sampling equipment before and between sampling events, (2) calibration of field equipment, (3) documentation of field activities, and (4) appropriate sample preservation techniques. AKT Peerless performed a qualitative evaluation of all samples collected during drilling, and a quantitative analysis of discrete samples using approved laboratory analytical methods.

3.5.1 Decontamination of Equipment

During sample collection, AKT Peerless and SQS adhered to proper decontamination procedures. Sampling equipment was decontaminated using the following methods to minimize potential cross-contamination of soil samples:

- Steam-cleaning or washing and scrubbing the equipment with non-phosphate detergent;
- Rinsing the equipment with tap water; and
- Air-drying the equipment.

3.5.2 Calibration of Field Equipment

During AKT Peerless' Phase II ESA, a photoionization detector (PID) was used to screen all soil samples. The PID was maintained in a calibrated condition using 100-ppm isobutylene gas prior to conducting the Phase II ESA.

3.5.3 Documentation of Activities

During AKT Peerless' Phase II ESA activities, subject property conditions (i.e. soil boring locations, weather conditions) were documented. AKT Peerless visually inspected the soil samples and prepared a geologic log for each soil boring. The logs included soil characteristics such as (1) color, (2) composition (e.g., sand, clay, or gravel), (3) soil moisture and/or water table depth, and (4) signs of possible contamination. All samples were delivered to the laboratory under chain-of-custody documentation. See Appendix A for AKT Peerless' soil boring logs.

3.5.4 Sample Preservation Techniques

AKT Peerless collected samples in accordance with United States Environmental Protection Agency's (USEPA) Publication SW-846, *"Testing Methods for Evaluating Solid Waste."* Samples were collected in laboratory-supplied containers, properly preserved, stored on ice, and submitted under chain-of-custody documentation to the laboratory.

3.6 LABORATORY ANALYSES AND METHODS

AKT Peerless submitted 28 soil sample, 1 groundwater sample, and 7 concrete wipe samples for laboratory analyses. The following table summarizes the samples submitted for laboratory analysis, and their respective chemical analyses.

Summary of Laboratory Analyses

Sample Origin	Sample Name	VOCs	PNAs	Michigan Metals	Light Distillate Oil	Waste Oil	Leaded gasoline	PCBs
B-1	B-1 (0.5-1)	☑	☑	☑				
	B-1 (5-7)	☑	☑	☑				
B-2	B-2 (2-4)	☑	☑	☑				
	B-2 (15-175)	☑	☑	☑				
	B-2w	☑	☑					
B-3	B-3 (0.5-1)					☑		
	B-3 (3-5)					☑		
B-4	B-4 (0.5-1)					☑		
B-5	B-5 (0.5-1)				☑			
	B-5 (3-5)				☑			
B-6	B-6 (1-3)	☑	☑	☑				
	B-6 (4-6)	☑	☑	☑				
B-7	B-7 (5-7)		☑				☑	
	B-7 (10-12)		☑				☑	
B-8	B-8 (0.5-1)					☑		
	B-8 (4-6)					☑		
B-9	B-9 (0.5-1)					☑		
	B-9 (4-6)					☑		
	B-9 (6-8)					☑		
B-10	B-10 (0.5-1)				☑			

Sample Origin	Sample Name	VOCs	PNAs	Michigan Metals	Light Distillate Oil	Waste Oil	Leaded gasoline	PCBs
	B-10 (4-6)				☑			
B-11	B-11 (0-0.5)	☑	☑	☑				
	B-11 (7-9)	☑	☑	☑				
B-12	B-12 (0-0.5)	☑	☑	☑				
	B-12 (3-5)	☑	☑	☑				
B-13	B-13 (0-0.5)	☑	☑	☑				
	B-13 (4-6)	☑	☑	☑				
	B-13 (10-12)	☑	☑	☑				
B-14	B-14 (3-5)	☑	☑	☑				
CW-1								☑
CW-2								☑
CW-3								☑
CW-4								☑
CW-5								☑
CW-6								☑
CW-7								☑

The laboratory analyzed the samples for: (1) VOCs in accordance with USEPA Method 5035/8260; (2) PNAs in accordance with USEPA Method 3550B/8270C; (3) Metals in accordance with USEPA Method 6020, 7470/7471; (4) leaded gasoline in accordance with USEPA Method 8260/6020; (5) PCBs in accordance with USEPA Method 8082; (6) waste oil in accordance with USEPA Method 8260/6020; and (7) light distillate oil in accordance with USEPA Methods 5035/8260B and 3550B/8270C.

4.0 LOCAL GEOLOGY/HYDROGEOLOGY

4.1 LOCAL GEOLOGY

During drilling activities, AKT Peerless encountered the following general soil conditions:

- **FILL:** in all soil boring locations from just below the ground surface to varying depths between 2 and 4 feet bgs. The fill consisted of brown/black sand and gravel with masonry debris and clay found in some of the borings.
- **CLAY:** in all soil boring locations from depths varying from approximately 2 to 4 feet bgs to 20 feet bgs, the maximum explored depth. This clay was dry to moist, brown to grey in color, medium-stiff/stiff to soft, occasionally mottled.

Other than the fill material, the geology encountered during this Phase II ESA is consistent with the geology described in the publications noted in Section 2.3.2. Soil boring logs are included as Appendix A.

4.2 LOCAL HYDROGEOLOGY

During drilling activities, AKT Peerless encountered groundwater in 1 of the 14 soil borings drilled at the subject property. Groundwater was encountered in clay at an approximate depth of 17 feet bgs. However, AKT Peerless was unable to determine groundwater flow direction based on this investigation.

5.0 RESULTS OF LABORATORY ANALYSIS

5.1 RELEVANT EXPOSURE PATHWAYS

As defined in Michigan Public Act 451 Part 201, "relevant pathway" means an exposure pathway that is reasonable and relevant because there is a reasonable potential for exposure to a hazardous substance. Applicable criterion means a cleanup criterion for a relevant pathway. A criterion is not an applicable criterion if the exposure pathway is not a relevant pathway at the property.

The analysis of potential exposure pathways is based on existing conditions at the subject property.

5.1.1 Soil Exposure Pathways

The following subsections describe the potential soil exposure pathways and evaluate hazardous substances in light of the applicable criteria.

Drinking Water Protection Criteria
Groundwater was encountered in 1 of the 14 soil borings drilled at the subject property. This groundwater was located at an approximate depth of 17 feet bgs. The groundwater is hydraulically discontinuous, and the saturated thickness of the groundwater was less than two feet. Therefore, the groundwater at the subject property does not meet the definition of "groundwater in an aquifer". In addition, the City of Detroit prohibits well installation and provides municipal drinking water service. Therefore, ingestion of groundwater at the subject property is not a relevant exposure pathway.

Groundwater Surface Water Interface Protection Criteria
Groundwater Surface Water Interface Protection Criteria is not a human exposure pathway. In addition, the City of Detroit is on a combined sewer system, and the nearest surface water is the Detroit River, located 1,000 feet south of the subject property. The groundwater surface water interface protection pathway is not complete; therefore, the pathway is not relevant.

Groundwater Contact Protection Criteria
Groundwater Contact Protection is a relevant pathway.

Soil Volatilization to Indoor Air Inhalation Criteria
Soil Volatilization to Indoor Air Inhalation is a relevant exposure pathway.

Infinite Source Volatile Soil Inhalation Criteria
Infinite Source Volatile Soil Inhalation is a relevant exposure pathway.

Particulate Soil Inhalation Criteria
Particulate Soil Inhalation is a relevant exposure pathway.

Soil Direct Contact Criteria
Soil Direct Contact is a relevant exposure pathway.

5.1.2 Groundwater Exposure Pathways

The following subsections describe the potential groundwater exposure pathways and evaluate hazardous substances in light of the applicable criteria.

Drinking Water Criteria
Groundwater was encountered in 1 of the 14 soil borings drilled at the subject property (B-2). This groundwater was encountered at an approximated depth of 17 feet bgs. The groundwater is hydraulically discontinuous, and the saturated thickness of the groundwater was less than two feet. Therefore, the groundwater at the subject property does not meet the definition of "groundwater in an aquifer". In addition, the City of Detroit prohibits well installation and provides municipal drinking water service. Therefore, ingestion of groundwater at the subject property is not a relevant exposure pathway.

Groundwater Surface Water Interface Criteria
Groundwater Surface Water Interface Protection Criteria is not a human exposure pathway. In addition, the nearest surface water is the Detroit River, located 1,000 feet south of the subject property. Therefore migration to a surface water body is not a complete exposure pathway. Therefore, the groundwater surface water interface pathway is not relevant at the subject property.

Groundwater Volatilization to Indoor Air Inhalation Criteria
Groundwater Volatilization to Indoor Air Inhalation is a relevant exposure pathway.

Groundwater Contact Criteria
Groundwater Direct Contact is a relevant exposure pathway.

5.2 APPLICABLE CRITERIA

AKT Peerless compared the laboratory analytical data to the applicable Part 201 Generic Residential Cleanup Criteria (GRCC) as published by the Remediation and Redevelopment Division (RRD) of the Michigan Department of Environmental Quality (MDEQ). The relevant exposure pathways at the subject property include:

- Soil Volatilization to Indoor Air Inhalation (SVIAI)/Groundwater Volatilization to Indoor Air Inhalation (GVIAI);
- Infinite Source Volatile Soil Inhalation (VSIC);
- Particulate Soil Inhalation (PSI), and;
- Soil Direct Contact (DC)/Groundwater Contact (GC).

5.3 SOIL ANALYTICAL RESULTS

AKT Peerless submitted 15 soil samples for laboratory analysis. Laboratory analytical results indicated that concentrations of benzo(a)pyrene was detected in two soil sample above applicable MDEQ GRCC. In addition, concentrations of arsenic and lead were detected in four soil samples above applicable MDEQ GRCC. The following table summarizes the soil boring locations, the analytes detected, and their respective exceeded MDEQ GRCC.

Soil Boring Location & Depth	Parameter	SVIAI	VSIC	PSI	DC
B-1 (0.5-1)	lead	-	-	-	☑
	arsenic		-	-	☑
B-2 (2-4)	arsenic	-	-	-	☑
B-3 (0.5-1)	benzo(a)pyrene		-	-	☑
B-6 (1-3)	arsenic				☑
B-8 (0.5-1)	lead	-	-	-	☑
B-9 (0.5-1)	lead	-	-	-	☑
B-11 (0-0.5)	lead	-	-	-	☑
B-13 (0-0.5)	benzo(a)pyrene	-	-	-	☑
	arsenic	-	-	-	☑

Refer to Table 1 for a summary of soil analytical results. Refer to Appendix B for a complete analytical laboratory report. See Figure 3 for a site map with soil analytical results exceeding relevant MDEQ GRCC.

5.4 GROUNDWATER ANALYTICAL RESULTS

AKT Peerless submitted one groundwater sample (B-2w) for laboratory analysis of VOCs and PNAs. The laboratory analytical results indicate that these target parameters were not detected at concentrations above method detection limits. Refer to Table 2 for a summary of groundwater analytical results. Refer to Appendix B for a complete analytical laboratory report.

6.0 SUMMARY, CONCLUSIONS, AND RECOMMENDATIONS

6.1 SUMMARY OF SUBSURFACE INVESTIGATION

In January 2007, AKT Peerless: (1) completed a geophysical survey; (2) evaluated the suspicious manhole covers and pipes identified in the subject building (3) drilled 14 soil borings, (4) installed 1 temporary groundwater monitoring well, (5) collected 28 soil samples, 1 groundwater sample, and 7 concrete wipe samples, and (6) submitted samples for laboratory analysis. Samples were submitted for select laboratory analysis including VOCs, PNAs, Michigan metals, leaded gasoline parameters, waste oil parameters, light distillate oil parameters, and/or PCBs.

6.2 CONCLUSIONS

Based on laboratory analytical results lead, arsenic, and benzo(a)pyrene were detected above MDEQ Generic Residential Direct Contact Criteria. Therefore, the subject property meets the definition of a "facility", as defined in Part 201 of Natural Resources and Environmental Protection Act (NREPA), Michigan Public Act (PA) 451, as amended.

The results of the geophysical survey did not indicate anomalies with the characteristics of USTs. However, the geophysical survey did indicate three strong metal anomalies on the subject property. According to GII, these anomalies are most likely due to buried metal debris, and/or reinforced concrete. In addition, the geophysical survey identified a backfill excavation area located in the eastern-central portion of the building. According to GII, this backfill excavation

area represents a possible former UST cavity. It is important to note that GII's investigation within the subject building may have been limited by the presence of reinforced concrete.

6.3 RECOMMENDATIONS

The subject property meets the definition of a "facility". AKT Peerless recommends that, prior to transfer of the property to a new owner/operator, the new owner/operator should complete a Baseline Environmental Assessment (BEA). The BEA provides new purchaser's liability for existing contamination under Part 201 of Michigan's Natural Resources and Environmental Protection Act, 1994 PA 451 as amended (Part 201). In addition, AKT Peerless recommend the proper characterization and removal of abandoned containers that were identified during the Phase I ESA reconnaissance of the subject property.

AKT Peerless further recommends preparation of a Section 7a Compliance Analysis or "Due Care" Plan for the subject property. Additional investigation will be necessary to define the extent of contamination identified at the subject property. Due care obligations under Part 201 include:

1. Undertake measures as are necessary to prevent exacerbation of the existing contamination.
2. Exercise due care by undertaking response activity necessary to mitigate unacceptable exposure to hazardous substances, mitigate fire and explosion hazards due to hazardous substances, and allow for the intended use of the *facility* in a manner that protects the public health and safety.
3. Take reasonable precautions against the reasonably foreseeable acts of omissions of a third party and the consequences that foreseeably could result from those acts or omissions.

7.0 LIMITATIONS

The information and opinions obtained in this report are for the exclusive use of RDR and for future financing entities. No distribution to, or reliance by, other parties may occur without the express written permission of AKT Peerless. AKT Peerless will not distribute this report without the written consent of RDR, or as required by law or by a Court order. The information and opinions contained in the report are given in light of that assignment. The report must be reviewed and relied upon only in conjunction with the terms and conditions expressly agreed upon by the parties and as limited therein. Any third parties who have been extended the right to rely on the contents of this report by AKT Peerless (which is expressly required prior to any third-party release), expressly agrees to be bound by the original terms and conditions entered into by AKT Peerless and RDR.

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8.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

The following individuals contributed to the completion of this Phase II ESA.

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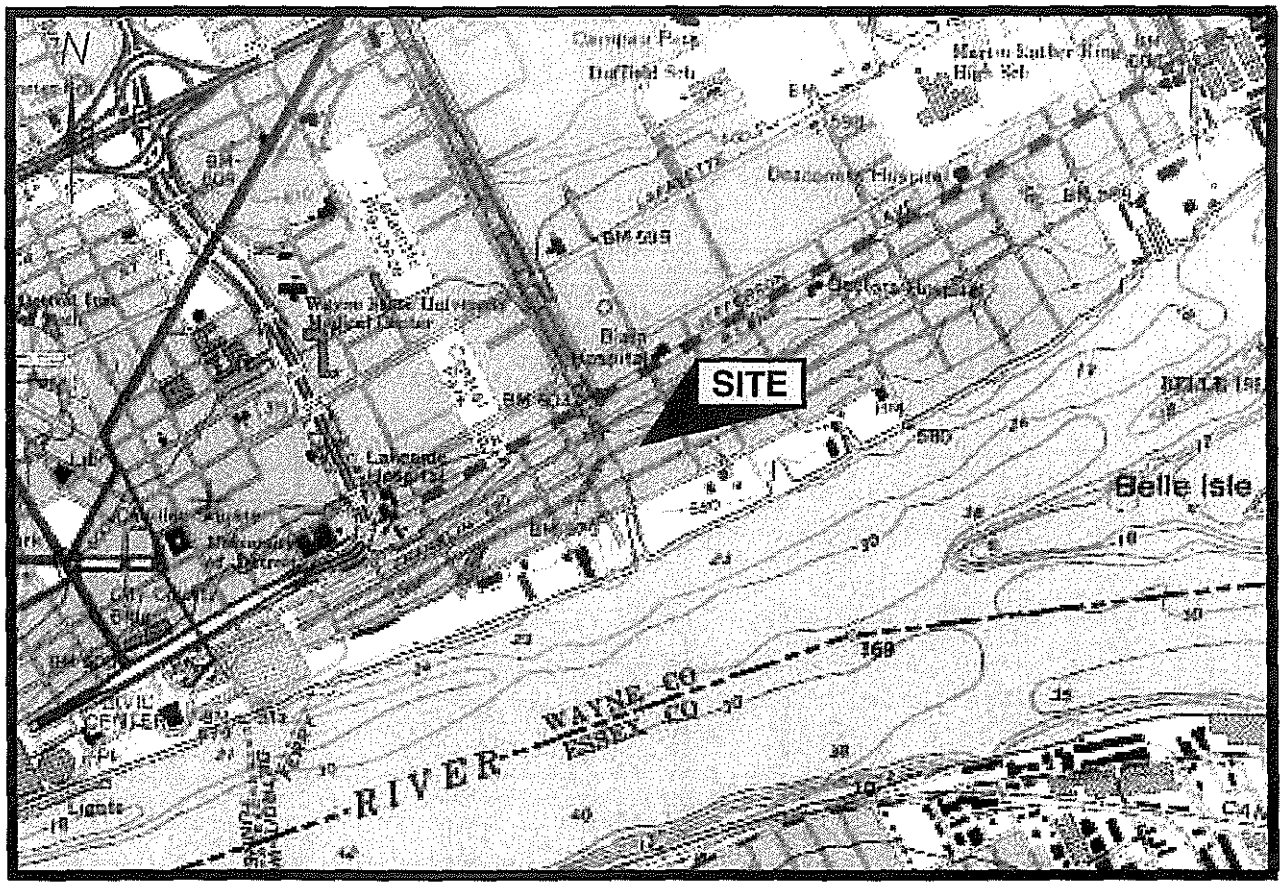
FIGURES

DETROIT QUADRANGLE

MICHIGAN - WAYNE COUNTY

7.5 MINUTE SERIES (TOPOGRAPHIC)



T.2 S. - R.12 E.

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 5 FEET
DATUM IS MEAN SEA LEVEL

MICHIGAN
QUADRANGLE LOCATION

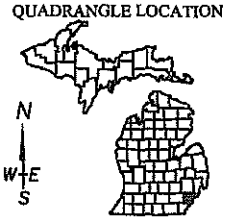


IMAGE TAKEN FROM 1968 U.S.G.S. TOPOGRAPHIC MAP
PHOTOREVISED 1973 AND 1980

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TOPOGRAPHIC LOCATION MAP

DWCPA-FORMER DETROIT ELEVATOR COMPANY

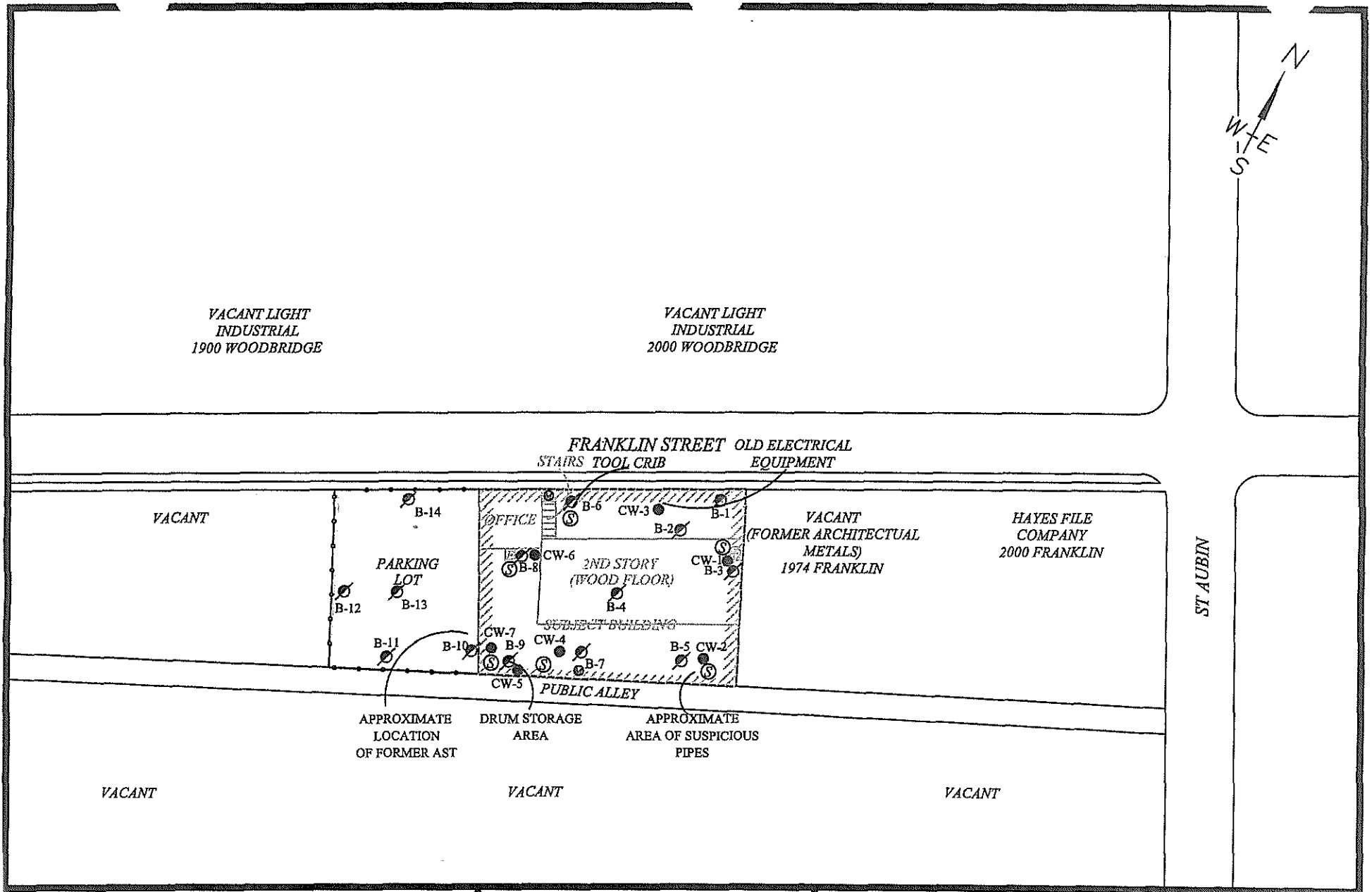
1938 FRANKLIN

DETROIT, MICHIGAN

PROJECT NUMBER : 5324D-1-17

DRAWN BY: JM
DATE: 01.04.07

FIGURE 1



AKTPEERLESS environmental services

SUBJECT PROPERTY

UTILITY AND SOIL BORING LOCATION MAP

1938 FRANKLIN

DETROIT, MICHIGAN

PROJECT NUMBER : 5324D-1-17

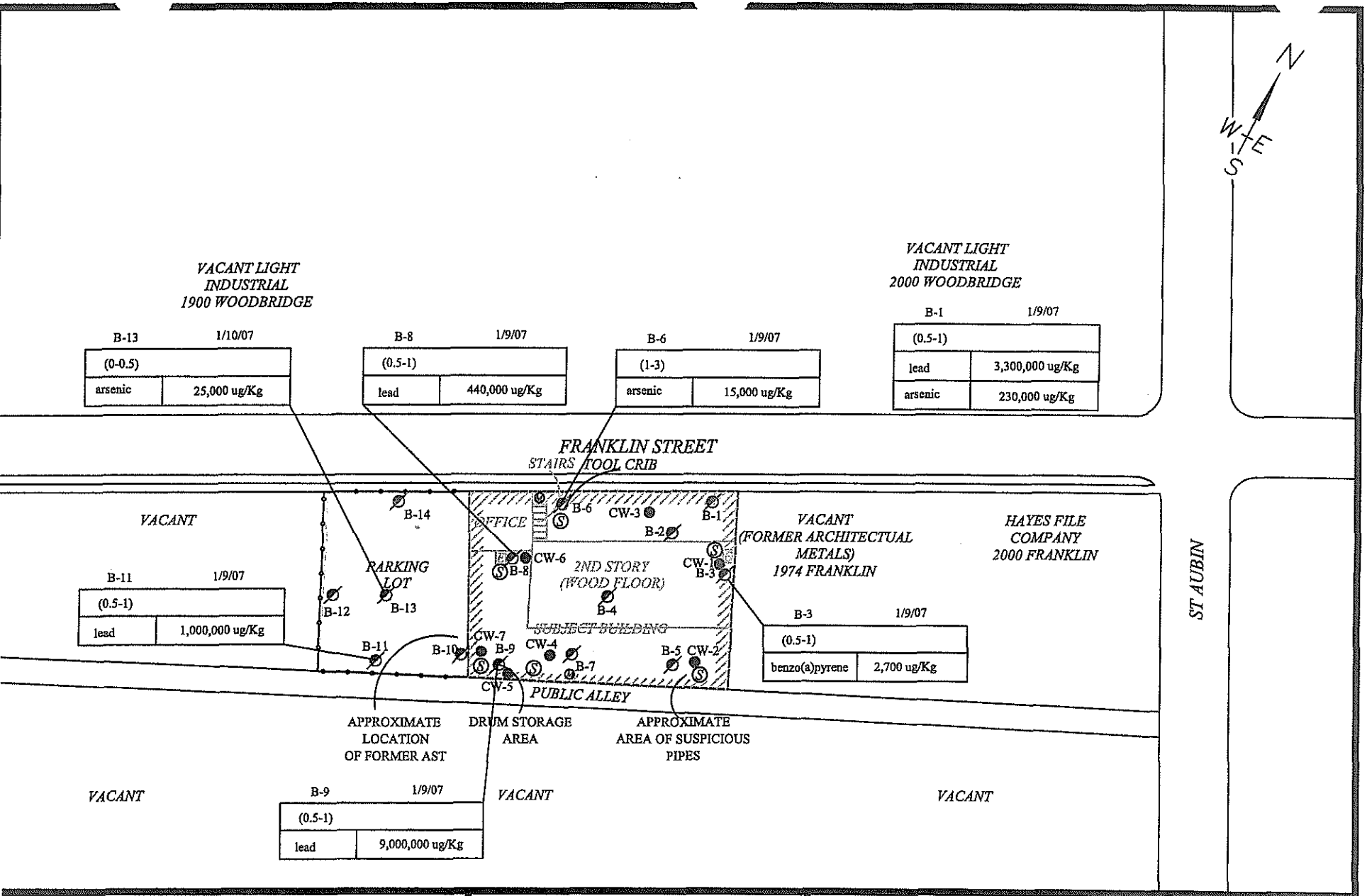
LEGEND

= PROPERTY LINE
= FENCE LINE
= ELEVATOR
= STAINED CONCRETE AREAS
= SUSPICIOUS MANHOLE COVER
= SOIL BORING
= CONCRETE WIPE SAMPLE LOCATIONS

DRAWN BY: MB
DATE: 01.22.07

0 40 80
SCALE: 1" = 80'±

FIGURE 2



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SITE MAP WITH SOIL ANALYTICAL RESULTS
EXCEEDING MDEQ GRCC
1938 FRANKLIN
DETROIT, MICHIGAN
PROJECT NUMBER : 5324D-1-17

LEGEND
= PROPERTY LINE
= FENCE LINE
= ELEVATOR
= STAINED CONCRETE AREAS
= SUSPICIOUS MANHOLE COVER
= SOIL BORING
= CONCRETE WIPE SAMPLE LOCATIONS

DRAWN BY: MB
DATE: 01.22.07

0 40 80
SCALE: 1" = 80'±

FIGURE 3

TABLES

Table I
Summary of Soil Analytical Results

Former Detroit Elevator Co.
1938 Franklin Street
Detroit, Michigan
AKT Peerless Project Number
5324D2-1-20

Sample Identification and Date		Statewide Default Background Levels	Groundwater Protection: Residential and Commerical I Drinking Water Protection Criteria & RBSLs	Groundwater Protection: Residential and Commerical I Groundwater Surface Water Interface Protection Criteria & RBSLs	Groundwater Protection: Residential and Commerical I Groundwater Contact Protection Criteria & RBSLs	Indoor Air: Residential and Commerical I Soil Volatilization to Indoor Air Inhalation Criteria & RBSLs	Ambient Air (Y): Residential and Commerical I Infinite Source Volatile Soil Inhalation Criteria (VSIC) & RBSLs	Ambient Air (Y): Residential and Commerical I Particulate Soil Inhalation Criteria & RBSLs	Direct Contact: Residential and Commerical I Direct Contact Criteria & RBSLs	Direct Contact: Soil Saturation Concentration Screening Levels	B-1 (0.5-1) 1/9/2007	B-1 (5-7) 1/9/2007	B-2 (2-4) 1/9/2007	B-2 (15-17) 1/9/2007	B-3 (0.5-1) 1/9/2007	B-3 (3-5) 1/9/2007	B-4 (0.5-1) 1/9/2007	B-5 (0.5-1) 1/9/2007
Analytes	**CAS#**																	
Volatile Organic Compounds (VOCs) (ug/Kg)																		
Benzene (I)	71432	NA	**100**	4,000 (X)	2.2E+5	1,600	13,000	3.8E+8	1.8E+5	4.0E+5	170	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	104518	NA	1,600	ID	1.2E+5	ID	ID	ID	2.5E+6	1.0E+7	ND	ND	ND	ND	ND	ND	ND	NA
sec-Butylbenzene	135988	NA	1,600	ID	88,000	ID	ID	ID	2.5E+6	1.0E+7	ND	ND	ND	ND	ND	ND	ND	NA
t-Butylbenzene (I)	98066	NA	1,600	NA	1.8E+5	ID	ID	ID	2.5E+6	1.0E+7	ND	ND	ND	ND	ND	ND	ND	NA
Chloroform	67663	NA	1,600 (W)	3,400 (X)	1.5E+6 (C)	7,200	45,000	1.3E+9	1.2E+6	1.5E+6	ND	ND	ND	ND	ND	ND	ND	NA
Ethylbenzene (I)	100414	NA	1,500	360	1.4E+5 (C)	87,000	7.2E+5	1.0E+10	1.4E+5 (C)	1.4E+5	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	91576	NA	57,000	ID	5.5E+6	ID	ID	ID	8.1E+6	NA	ND	ND	ND	ND	ND	ND	ND	NA
n-Propylbenzene (I)	103651	NA	1,600	NA	3.0E+5	ID	ID	1.3E+9	2.5E+6	1.0E+7	ND	ND	ND	ND	ND	ND	ND	NA
Styrene	100425	NA	2,700	2,200	2.7E+5	2.5E+5	9.7E+5	5.5E+9	4.0E+5	5.2E+5	ND	ND	ND	ND	ND	ND	ND	NA
Toluene (I)	108883	NA	16,000	2,800	2.5E+5 (C)	2.5E+5 (C)	2.8E+6	2.7E+10	2.5E+5 (C)	2.5E+5	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	71556	NA	4,000	4,000	4.6E+5 (C)	2.5E+5	3.8E+6	6.7E+10	4.6E+5 (C)	4.6E+5	ND	ND	ND	ND	64	ND	ND	NA
Trichloroethylene	79016	NA	**100**	4,000 (X)	4.4E+5	7,100	78,000	1.8E+9	5.0E+5 (C,DD)	5.0E+5	ND	ND	ND	ND	3,200	1,000	ND	NA
1,2,4-Trimethylbenzene (I)	95636	NA	2,100	570	1.1E+5 (C)	1.1E+5 (C)	2.1E+7	8.2E+10	1.1E+5 (C)	1.1E+5	54	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene (I)	108678	NA	1,800	1,100	94,000 (C)	94,000 (C)	1.6E+7	8.2E+10	94,000 (C)	94,000	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes (I)	1330207	NA	5,600	700	1.5E+5 (C)	1.5E+5 (C)	4.6E+7	2.9E+11	1.5E+5 (C)	1.5E+5	ND	ND	ND	ND	ND	ND	ND	ND
Remaining VOCs	Varies	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND
Polynuclear Aromatic Hydrocarbons (PNAs) (ug/Kg)																		
Acenaphthene	83329	NA	3.0E+5	4,400	9.7E+5	1.9E+8	8.1E+7	1.4E+10	4.1E+7	NA	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	208968	NA	5,900	ID	4.4E+5	1.6E+6	2.2E+6	2.3E+9	1.6E+6	NA	ND	ND	ND	ND	320	ND	ND	ND
Anthracene	120127	NA	41,000	ID	41,000	1.0E+9 (D)	1.4E+9	6.7E+10	2.3E+8	NA	ND	ND	ND	ND	580	ND	ND	380
Benzo(a)anthracene (Q)	56553	NA	NLL	NLL	NLL	NLV	NLV	ID	20,000	NA	ND	ND	ND	ND	2,000	ND	ND	1,100
Benzo(a)pyrene (Q)	50328	NA	NLL	NLL	NLL	NLV	NLV	1.5E+6	**2,000**	NA	ND	ND	ND	ND	2,700	ND	ND	1,200
Benzo(b)fluoranthene (Q)	205992	NA	NLL	NLL	NLL	ID	ID	ID	20,000	NA	ND	ND	ND	ND	3,200	ND	ND	1,500
Benzo(g,h,i)perylene	191242	NA	NLL	NLL	NLL	NLV	NLV	8.0E+8	2.5E+6	NA	ND	ND	ND	ND	1,400	ND	ND	540
Benzo(k)fluoranthene (Q)	207089	NA	NLL	NLL	NLL	NLV	NLV	ID	2.0E+5	NA	ND	ND	ND	ND	1,200	ND	ND	530
Chrysene (Q)	218019	NA	NLL	NLL	NLL	ID	ID	ID	2.0E+6	NA	ND	ND	ND	ND	1,800	ND	ND	960
Dibenzo(a,h)anthracene (Q)	53703	NA	NLL	NLL	NLL	NLV	NLV	ID	2,000	NA	ND	ND	ND	ND	470	ND	ND	ND
Fluoranthene	206440	NA	7.3E+5	5,500	7.3E+5	1.0E+9 (D)	7.4E+8	9.3E+9	4.6E+7	NA	ND	ND	ND	ND	4,000	ND	ND	2,300
Fluorene	86737	NA	3.9E+5	5,300	8.9E+5	5.8E+8	1.3E+8	9.3E+9	2.7E+7	NA	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene (Q)	193395	NA	NLL	NLL	NLL	NLV	NLV	ID	20,000	NA	ND	ND	ND	ND	1,300	ND	ND	520
2-Methylnaphthalene	91576	NA	57,000	ID	5.5E+6	ID	ID	ID	8.1E+6	NA	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	85018	NA	56,000	5,300	1.1E+6	2.8E+6	1.6E+5	6.7E+6	1.6E+6	NA	ND	ND	ND	ND	1,600	ND	ND	1,200
Pyrene	129000	NA	4.8E+5	ID	4.8E+5	1.0E+9 (D)	6.5E+8	6.7E+9	2.9E+7	NA	800	ND	ND	ND	3,700	ND	ND	2,100
Total Metals Analysis (ug/Kg)																		
Arsenic	7440382	5,800	**4,600**	**70,000 (X)**	2.0E+6	NLV	NLV	7.2E+5	**7,600**	NA	**230,000**	**6,800**	**7,800**	3,900	NA	NA	NA	NA
Barium (B)	7440393	75,000	1.3E+6	(G,X)	1.0E+9 (D)	NLV	NLV	3.3E+8	3.7E+7	NA	30,000	44,000	86,000	42,000	NA	NA	NA	NA
Cadmium (B)	7440439	1,200	6,000	(G,X)	2.3E+8	NLV	NLV	1.7E+6	5.5E+5	NA	3,500	ND	ND	ND	ND	ND	290	NA
Chromium (total)	18540299	18,000 (total)	30,000	**3,300**	1.4E+8	NLV	NLV	2.6E+5	2.5E+6	NA	1,700	**15,000**	**16,000**	**12,000**	**21,000**	**19,000**	**18,000**	NA
Copper (B)	7440508	32,000	5.8E+6	(G)	1.0E+9 (D)	NLV	NLV	1.3E+8	2.0E+7	NA	7,800	15,000	35,000	11,000	NA	NA	NA	NA
Lead (B)	7439921	21,000	**7.0E+5**	(G,X)	ID	NLV	NLV	1.0E+8	**4.0E+5**	NA	**3,300,000**	9,100	170,000	5,000	270,000	190,000	200,000	NA
Mercury (Total) (B,Z)	Varies	130	1,700	**50 (M); 1.2**	47,000	48,000	52,000	2.0E+7	1.6E+5	NA	70	ND	510	ND	NA	NA	NA	NA
Selenium (B)	7782492	410	4,000	400	7.8E+7	NLV	NLV	1.3E+8	2.6E+6	NA	ND	ND	ND	ND	NA	NA	NA	NA
Silver (B)	7440224	1,000	4,500	100 (M); 27	2.0E+8	NLV	NLV	6.7E+6	2.5E+6	NA	ND	ND	ND	ND	NA	NA	NA	NA
Zinc (B)	7440666	47,000	2.4E+6	(G)	1.0E+9 (D)	NLV	NLV	ID	1.7E+8	NA	1,600,000	43,000	91,000	25,000	NA	NA	NA	NA
Polychlorinated biphenyls (PCBs) (J,T)																		
Polychlorinated biphenyls (PCBs) (J,T)	1336363	NA	NLL	NLL	NLL	3.0E+6	2.4E+5	5.2E+6	(T)	NA	NA	NA	NA	NA	ND	ND	ND	NA

Notes:

B - Background, as defined in R 299.5701(b), may be substituted if higher than the calculated cleanup criterion.

C - Value presented is a screening level based on the chemical-specific generic soil saturation concentration (Csat) since the calculated risk-based criterion is greater than Csat.

D - Calculated criterion exceeds 100% , hence it is reduced to 100% or 1.0E+9 ppb.

G - Groundwater surface water interface (GSI) criterion depends on the pH or water hardness, or both, of the receiving surface water

H - Valence-specific chromium data (Cr III and Cr VI) shall be compared to the corresponding valence-specific cleanup criteria

I - Hazardous substance may exhibit the characteristic of ignitability as defined in 40 C.F.R. Section 261.21 (revised as of July 1, 2001), which is adopted by reference in these rules and which is available for inspection

M - Calculated criterion is below the analytical target detection limit, therefore, the criterion defaults to the target detection limit.

Q - Criteria for carcinogenic polycyclic aromatic hydrocarbons were developed using relative potential potencies to benzo(a)pyrene.

X - The groundwater surface water interface (GSI) criterion shown in the generic cleanup criteria tables is not protective for surface water that is used as a drinking water source

ID - Insufficient data to develop criterion.

NA - Criterion or value is not available or, in the case of background and chemical abstract service numbers, not applicable.

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions.

ND - Non-detect

µg/Kg - micrograms per Kilogram

bold - Parameter exceeds indicated criterion

Table 1
Summary of Soil Analytical Results

Former Detroit Elevator Co.
1938 Franklin Street
Detroit, Michigan
AKT Peerless Project Number
5324D2-1-20

Sample Identification and Date		Statewide Default Background Levels	Groundwater Protection: Residential and Commerical I Drinking Water Protection Criteria & RBSLs	Groundwater Protection: Residential and Commerical I Groundwater Surface Water Interface Protection Criteria & RBSLs	Groundwater Protection: Residential and Commerical I Groundwater Contact Protection Criteria & RBSLs	Indoor Air: Residential and Commerical I Soil Volatilization to Indoor Air Inhalation Criteria & RBSLs	Ambient Air (Y): Residential and Commerical I Infinite Source Volatile Soil Inhalation Criteria (VSIC) & RBSLs	Ambient Air (Y): Residential and Commerical I Particulate Soil Inhalation Criteria & RBSLs	Direct Contact: Residential and Commerical I Direct Contact Criteria & RBSLs	Direct Contact: Soil Saturation Concentration Screening Levels	B-5 (3-5) 1/9/2007	B-6 (1-3) 1/9/2007	B-6 (4-6) 1/9/2007	B-7 (5-7) 1/9/2007	B-7 (10-12) 1/9/2007	B-8 (0.5-1) 1/9/2007	B-8 (4-6) 1/9/2007	B-9 (0.5-1) 1/9/2007
Analytes	**CAS#**																	
Volatile Organic Compounds (VOCs) (ug/Kg)																		
Benzene (I)	71432	NA	**100**	4,000 (X)	2.2E+5	1,600	13,000	3.8E+8	1.8E+5	4.0E+5	170	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	104518	NA	1,600	ID	1.2E+5	ID	ID	ID	2.5E+6	1.0E+7	NA	ND	ND	NA	NA	ND	ND	ND
sec-Butylbenzene	135988	NA	1,600	ID	88,000	ID	ID	ID	2.5E+6	1.0E+7	NA	ND	ND	NA	NA	ND	ND	ND
t-Butylbenzene (I)	98066	NA	1,600	NA	1.8E+5	ID	ID	ID	2.5E+6	1.0E+7	NA	ND	ND	NA	NA	ND	ND	ND
Chloroform	67663	NA	1,600 (W)	3,400 (X)	1.5E+6 (C)	7,200	45,000	1.3E+9	1.2E+6	1.5E+6	NA	ND	ND	NA	NA	ND	ND	ND
Ethylbenzene (I)	100414	NA	1,500	360	1.4E+5 (C)	87,000	7.2E+5	1.0E+10	1.4E+5 (C)	1.4E+5	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	91576	NA	57,000	ID	5.5E+6	ID	ID	ID	8.1E+6	NA	NA	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene (I)	103651	NA	1,600	NA	3.0E+5	ID	ID	1.3E+9	2.5E+6	1.0E+7	NA	ND	ND	NA	NA	ND	ND	ND
Styrene	100425	NA	2,700	2,200	2.7E+5	2.5E+5	9.7E+5	5.5E+9	4.0E+5	5.2E+5	NA	ND	ND	NA	NA	ND	ND	ND
Toluene (I)	108883	NA	16,000	2,800	2.5E+5 (C)	2.5E+5 (C)	2.8E+6	2.7E+10	2.5E+5 (C)	2.5E+5	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene (I)	95636	NA	2,100	570	1.1E+5 (C)	1.1E+5 (C)	2.1E+7	8.2E+10	1.1E+5 (C)	1.1E+5	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene (I)	108678	NA	1,800	1,100	94,000 (C)	94,000 (C)	1.6E+7	8.2E+10	94,000 (C)	94,000	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes (I)	1330207	NA	5,600	700	1.5E+5 (C)	1.5E+5 (C)	4.6E+7	2.9E+11	1.5E+5 (C)	1.5E+5	ND	ND	ND	ND	ND	ND	ND	ND
Remaining VOCs	Varies	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND
Polynuclear Aromatic Hydrocarbons (PNAs) (ug/Kg)																		
Acenaphthene	83329	NA	3.0E+5	4,400	9.7E+5	1.9E+8	8.1E+7	1.4E+10	4.1E+7	NA	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	208968	NA	5,900	ID	4.4E+5	1.6E+6	2.2E+6	2.3E+9	1.6E+6	NA	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	120127	NA	41,000	ID	41,000	1.0E+9 (D)	1.4E+9	6.7E+10	2.3E+8	NA	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene (Q)	56553	NA	NLL	NLL	NLL	NLV	NLV	ID	20,000	NA	ND	830	ND	ND	ND	660	ND	270
Benzo(a)pyrene (Q)	50328	NA	NLL	NLL	NLL	NLV	NLV	1.5E+6	2,000	NA	ND	1,200	ND	ND	ND	860	ND	290
Benzo(b)fluoranthene (Q)	205992	NA	NLL	NLL	NLL	ID	ID	ID	20,000	NA	ND	1,400	ND	ND	ND	990	ND	350
Benzo(g,h,i)perylene	191242	NA	NLL	NLL	NLL	NLV	NLV	8.0E+8	2.5E+6	NA	ND	730	ND	ND	ND	530	ND	ND
Benzo(k)fluoranthene (Q)	207089	NA	NLL	NLL	NLL	NLV	NLV	ID	2.0E+5	NA	ND	510	ND	ND	ND	350	ND	ND
Chrysene (Q)	218019	NA	NLL	NLL	NLL	ID	ID	ID	2.0E+6	NA	ND	770	ND	ND	ND	640	ND	ND
Dibenzo(a,h)anthracene (Q)	53703	NA	NLL	NLL	NLL	NLV	NLV	ID	2,000	NA	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	206440	NA	7.3E+5	5,500	7.3E+5	1.0E+9 (D)	7.4E+8	9.3E+9	4.6E+7	NA	ND	1,500	ND	ND	ND	1,300	ND	460
Fluorene	86737	NA	3.9E+5	5,300	8.9E+5	5.8E+8	1.3E+8	9.3E+9	2.7E+7	NA	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene (Q)	193395	NA	NLL	NLL	NLL	NLV	NLV	ID	20,000	NA	ND	620	ND	ND	ND	440	ND	ND
2-Methylnaphthalene	91576	NA	57,000	ID	5.5E+6	ID	ID	ID	8.1E+6	NA	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	85018	NA	56,000	5,300	1.1E+6	2.8E+6	1.6E+5	6.7E+6	1.6E+6	NA	ND	460	ND	ND	ND	620	ND	ND
Pyrene	129000	NA	4.8E+5	ID	4.8E+5	1.0E+9 (D)	6.5E+8	6.7E+9	2.9E+7	NA	ND	1,500	ND	ND	ND	1,200	ND	430
Total Metals Analysis (ug/Kg)																		
Arsenic	7440382	5,800	**4,600**	70,000 (X)	2.0E+6	NLV	NLV	7.2E+5	**7,600**	NA	NA	15,000	3,700	NA	NA	NA	NA	NA
Barium (B)	7440393	75,000	1.3E+6	(G,X)	1.0E+9 (D)	NLV	NLV	3.3E+8	3.7E+7	NA	NA	110,000	55,000	NA	NA	NA	NA	NA
Cadmium (B)	7440439	1,200	6,000	(G,X)	2.3E+8	NLV	NLV	1.7E+6	5.5E+5	NA	NA	ND	ND	NA	NA	ND	200	210
Chromium (total)	18540299	18,000 (total)	30,000	**3,300**	1.4E+8	NLV	NLV	2.6E+5	2.5E+6	NA	NA	**22,000**	**19,000**	NA	NA	**18,000**	**18,000**	**22,000**
Copper (B)	7440508	32,000	5.8E+6	(G)	1.0E+9 (D)	NLV	NLV	1.3E+8	2.0E+7	NA	NA	19,000	14,000	NA	NA	NA	NA	NA
Lead (B)	7439921	21,000	**7.0E+5**	(G,X)	ID	NLV	NLV	1.0E+8	**4.0E+5**	NA	NA	18,000	16,000	180,000	6,400	440,000	76,000	9,000,000
Mercury (Total) (B,Z)	Varies	130	1,700	**50 (M); 1.2**	47,000	48,000	52,000	2.0E+7	1.6E+5	NA	NA	**110**	**120**	NA	NA	NA	NA	NA
Selenium (B)	7782492	410	4,000	400	7.8E+7	NLV	NLV	1.3E+8	2.6E+6	NA	NA	ND	ND	NA	NA	NA	NA	NA
Silver (B)	7440224	1,000	4,500	100 (M); 27	2.0E+8	NLV	NLV	6.7E+6	2.5E+6	NA	NA	ND	ND	NA	NA	NA	NA	NA
Zinc (B)	7440666	47,000	2.4E+6	(G)	1.0E+9 (D)	NLV	NLV	ID	1.7E+8	NA	NA	61,000	53,000	NA	NA	NA	NA	NA
Polychlorinated biphenyls (PCBs) (J,T)																		
Polychlorinated biphenyls (PCBs) (J,T)	1336363	NA	NLL	NLL	NLL	3.0E+6	2.4E+5	5.2E+6	(T)	NA	NA	NA	NA	NA	NA	ND	ND	ND

Notes:

B - Background, as defined in R 299.5701(b), may be substituted if higher than the calculated cleanup criterion.

C - Value presented is a screening level based on the chemical-specific generic soil saturation concentration (Csat) since the calculated risk-based criterion is greater than Csat

D - Calculated criterion exceeds 1000%, hence it is reduced to 1000% or 1.0E+9 ppb.

G - Groundwater surface water interface (GSI) criterion depends on the pH or water hardness, or both, of the receiving surface water.

H - Valence-specific chromium data (Cr III and Cr VI) shall be compared to the corresponding valence-specific cleanup criteria

I - Hazardous substance may exhibit the characteristic of ignitability as defined in 40 C.F.R. Section 261.21 (revised as of July 1, 2001), which is adopted by reference in these rules and which is available for inspection

M - Calculated criterion is below the analytical's target detection limit, therefore, the criterion defaults to the target detection limit

Q - Criteria for carcinogenic polycyclic aromatic hydrocarbons were developed using relative potential potencies to benzo(a)pyrene

X - The groundwater surface water interface (GSI) criterion shown in the generic cleanup criteria tables is not protective for surface water that is used as a drinking water source

ID - Insufficient data to develop criterion.

NA - Criterion or value is not available or, in the case of background and chemical abstract service numbers, not applicable

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions.

ND - Non-detect

µg/Kg - micrograms per Kilogram

bold - Parameter exceeds indicated criterion

Table I
Summary of Soil Analytical Results

Former Detroit Elevator Co.
1938 Franklin Street
Detroit, Michigan
AKT Peerless Project Number
5324D2-1-20

Sample Identification and Date		Statewide Default Background Levels	Groundwater Protection: Residential and Commerical I Drinking Water Protection Criteria & RBSLs	Groundwater Protection: Residential and Commerical I Groundwater Surface Water Interface Protection Criteria & RBSLs	Groundwater Protection: Residential and Commerical I Groundwater Contact Protection Criteria & RBSLs	Indoor Air: Residential and Commerical I Soil Volatilization to Indoor Air Inhalation Criteria & RBSLs	Ambient Air (V): Residential and Commerical I Infinite Source Volatile Soil Inhalation Criteria (VSIC) & RBSLs	Ambient Air (V): Residential and Commerical I Particulate Soil Inhalation Criteria & RBSLs	Direct Contact: Residential and Commerical I Direct Contact Criteria & RBSLs	Direct Contact: Soil Saturation Concentration Screening Levels	B-9 (4-6) 1/9/2007	B-9 (6-8) 1/9/2007	B-10 (0.5-1) 1/10/2007	B-10 (4-6) 1/10/2007	B-11 (0-0.5) 1/10/2007	B-11 (7-9) 1/10/2007	B-12 (0-0.5) 1/10/2007	B-12 (3-5) 1/10/2007	B-13 (0-0.5) 1/10/2007	B-13 (4-6) 1/10/2007	B-13 (10-12) 1/10/2007
Analytes	**CAS#**																				
Volatile Organic Compounds (VOCs) (ug/Kg)																					
Benzene (I)	71432	NA	**100**	4,000 (X)	2.2E+5	1,600	13,000	3.8E+8	1.8E+5	4.0E+5	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	104518	NA	1,600	ID	1.2E+5	ID	ID	ID	2.5E+6	1.0E+7	ND	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	135988	NA	1,600	ID	88,000	ID	ID	ID	2.5E+6	1.0E+7	ND	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND
t-Butylbenzene (I)	98066	NA	1,600	NA	1.8E+5	ID	ID	ID	2.5E+6	1.0E+7	ND	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND
Chloroform	67663	NA	1,600 (W)	3,400 (X)	1.5E+6 (C)	7,200	45,000	1.3E+9	1.2E+6	1.5E+6	ND	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene (I)	100414	NA	1,500	360	1.4E+5 (C)	87,000	7.2E+5	1.0E+10	1.4E+5 (C)	1.4E+5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	91576	NA	57,000	ID	5.5E+6	ID	ID	ID	8.1E+6	NA	ND	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene (I)	103651	NA	1,600	NA	3.0E+5	ID	ID	1.3E+9	2.5E+6	1.0E+7	ND	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND
Styrene	100425	NA	2,700	2,200	2.7E+5	2.5E+5	9.7E+5	5.5E+9	4.0E+5	5.2E+5	ND	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND
Toluene (I)	108883	NA	16,000	2,800	2.5E+5 (C)	2.5E+5 (C)	2.8E+6	2.7E+10	2.5E+5 (C)	2.5E+5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene (I)	95636	NA	2,100	570	1.1E+5 (C)	1.1E+5 (C)	2.1E+7	8.2E+10	1.1E+5 (C)	1.1E+5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene (I)	108678	NA	1,800	1,100	94,000 (C)	94,000 (C)	1.6E+7	8.2E+10	94,000 (C)	94,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes (I)	1330207	NA	5,600	700	1.5E+5 (C)	1.5E+5 (C)	4.6E+7	2.9E+11	1.5E+5 (C)	1.5E+5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Remaining VOCs	Varies	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Polynuclear Aromatic Hydrocarbons (PNAs) (ug/Kg)																					
Acenaphthene	83329	NA	3.0E+5	4,400	9.7E+5	1.9E+8	8.1E+7	1.4E+10	4.1E+7	NA	ND	ND	ND	ND	ND	ND	ND	ND	430	ND	ND
Acenaphthylene	208968	NA	5,900	ID	4.4E+5	1.6E+6	2.2E+6	2.3E+9	1.6E+6	NA	ND	ND	ND	ND	ND	ND	ND	ND	430	ND	ND
Anthracene	120127	NA	41,000	ID	41,000	1.0E+9 (D)	1.4E+9	6.7E+10	2.3E+8	NA	ND	ND	270	ND	ND	ND	ND	ND	1,300	ND	ND
Benzo(a)anthracene (Q)	56553	NA	NLL	NLL	NLL	NLV	NLV	ID	20,000	NA	ND	ND	890	ND	ND	ND	ND	ND	4,600	ND	ND
Benzo(a)pyrene (Q)	50328	NA	NLL	NLL	NLL	NLV	NLV	1.5E+6	**2,000**	NA	ND	ND	1,000	ND	ND	ND	ND	ND	**6,100**	ND	ND
Benzo(b)fluoranthene (Q)	205992	NA	NLL	NLL	NLL	ID	ID	ID	20,000	NA	ND	ND	1,200	ND	ND	ND	ND	ND	7,500	ND	ND
Benzo(g,h,i)perylene	191242	NA	NLL	NLL	NLL	NLV	NLV	8.0E+8	2.5E+6	NA	ND	ND	570	ND	ND	ND	ND	ND	3,600	ND	ND
Benzo(k)fluoranthene (Q)	207089	NA	NLL	NLL	NLL	NLV	NLV	ID	2.0E+5	NA	ND	ND	410	ND	ND	ND	ND	ND	2,200	ND	ND
Chrysene (Q)	218019	NA	NLL	NLL	NLL	ID	ID	ID	2.0E+6	NA	ND	ND	770	ND	ND	ND	ND	ND	4,600	ND	ND
Dibenzo(a,h)anthracene (Q)	53703	NA	NLL	NLL	NLL	NLV	NLV	ID	2,000	NA	ND	ND	ND	ND	ND	ND	ND	ND	900	ND	ND
Fluoranthene	206440	NA	7.3E+5	**5,500**	7.3E+5	1.0E+9 (D)	7.4E+8	9.3E+9	4.6E+7	NA	ND	ND	1,800	ND	330	ND	ND	ND	**11,000**	ND	ND
Fluorene	86737	NA	3.9E+5	5,300	8.9E+5	5.8E+8	1.3E+8	9.3E+9	2.7E+7	NA	ND	ND	ND	ND	ND	ND	ND	ND	430	ND	ND
Indeno(1,2,3-cd)pyrene (Q)	193395	NA	NLL	NLL	NLL	NLV	NLV	ID	20,000	NA	ND	ND	500	ND	ND	ND	ND	ND	3,100	ND	ND
2-Methylnaphthalene	91576	NA	57,000	ID	5.5E+6	ID	ID	ID	8.1E+6	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	85018	NA	56,000	5,300	1.1E+6	2.8E+6	1.6E+5	6.7E+6	1.6E+6	NA	ND	ND	800	ND	ND	ND	ND	ND	5,200	ND	ND
Pyrene	129000	NA	4.8E+5	ID	4.8E+5	1.0E+9 (D)	6.5E+8	6.7E+9	2.9E+7	NA	ND	ND	1,700	ND	320	ND	ND	ND	10,000	ND	ND
Total Metals Analysis (ug/Kg)																					
Arsenic	7440382	5,800	**4,600**	70,000 (X)	2.0E+6	NLV	NLV	7.2E+5	**7,600**	NA	NA	NA	NA	NA	**7,100**	**5,900**	1,000	3,900	**25,000**	2,400	2,000
Barium (B)	7440393	75,000	**1.3E+6**	(G,X)	1.0E+9 (D)	NLV	NLV	3.3E+8	3.7E+7	NA	NA	NA	NA	NA	600,000	69,000	22,000	60,000	**1,700,000**	40,000	27,000
Cadmium (B)	7440439	1,200	**6,000**	(G,X)	2.3E+8	NLV	NLV	1.7E+6	5.5E+5	NA	ND	ND	NA	NA	2,800	ND	330	ND	**9,100**	180	ND
Chromium (total)	18540299	18,000 (total)	**30,000**	**3,300**	1.4E+8	NLV	NLV	2.6E+5	2.5E+6	NA	**33,000**	**13,000**	NA	NA	**46,000**	**16,000**	**14,000**	**10,000**	**160,000**	**9,400**	**8,900**
Copper (B)	7440508	32,000	5.8E+6	(G)	1.0E+9 (D)	NLV	NLV	1.3E+8	2.0E+7	NA	NA	NA	NA	NA	500,000	21,000	25,000	9,100	700,000	8,900	10,000
Lead (B)	7439921	21,000	**7.0E+5**	(G,X)	ID	NLV	NLV	1.0E+8	**4.0E+5**	NA	17,000	5,300	NA	NA	**1,000,000**	8,600	50,000	25,000	**2,900,000**	7,000	4,300
Mercury (Total) (B,Z)	Varies	130	1,700	**50 (M); 1.2**	47,000	48,000	52,000	2.0E+7	1.6E+5	NA	NA	NA	NA	NA	**500**	**52**	ND	**91**	ND	ND	ND
Selenium (B)	7782492	410	4,000	**400**	7.8E+7	NLV	NLV	1.3E+8	2.6E+6	NA	NA	NA	NA	NA	ND	ND	1,400	ND	ND	ND	ND
Silver (B)	7440224	1,000	4,500	**100 (M); 27**	2.0E+8	NLV	NLV	6.7E+6	2.5E+6	NA	NA	NA	NA	NA	510	ND	ND	ND	**1,200**	ND	ND
Zinc (B)	7440666	47,000	2.4E+6	(G)	1.0E+9 (D)	NLV	NLV	ID	1.7E+8	NA	NA	NA	NA	NA	660,000	39,000	26,000	86,000	1,800,000	27,000	24,000
Polychlorinated biphenyls (PCBs) (J,T)																					
Polychlorinated biphenyls (PCBs) (J,T)	1336363	NA	NLL	NLL	NLL	3.0E+6	2.4E+5	5.2E+6	(T)	NA	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

B - Background, as defined in R 299.5701(b), may be substituted if higher than the calculated cleanup criterion.

C - Value presented is a screening level based on the chemical-specific generic soil saturation concentration (Csat) since the calculated risk-based criterion is greater than Csat

D - Calculated criterion exceeds 100%, hence it is reduced to 100% or 1.0E+9 ppb

G - Groundwater surface water interface (GSI) criterion depends on the pH or water hardness, or both, of the receiving surface water

H - Valence-specific chromium data (Cr III and Cr VI) shall be compared to the corresponding valence-specific cleanup criteria

I - Hazardous substance may exhibit the characteristic of ignitability as defined in 40 C.F.R. Section 261.21 (revised as of July 1, 2001), which is adopted by reference in these rules and which is available for inspection

M - Calculated criterion is below the analytical's target detection limit, therefore, the criterion defaults to the target detection limit

Q - Criteria for carcinogenic polycyclic aromatic hydrocarbons were developed using relative potential potencies to benzo(a)pyrene.

X - The groundwater surface water interface (GSI) criterion shown in the generic cleanup criteria tables is not protective for surface water that is used as a drinking water source

ID - Insufficient data to develop criterion.

NA - Criterion or value is not available or, in the case of background and chemical abstract service numbers, not applicable.

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions.

ND - Non-detect

µg/Kg - micrograms per Kilogram

bold - Parameter exceeds indicated criterion

Table 1
Summary of Soil Analytical Results

Former Detroit Elevator Co.
1938 Franklin Street
Detroit, Michigan
AKT Peerless Project Number
532-ld2-1-20

Sample Identification and Date		Statewide Default Background Levels	Groundwater Protection: Residential and Commerical I Drinking Water Protection Criteria & RBSLs	Groundwater Protection: Residential and Commerical I Groundwater Surface Water Interface Protection Criteria & RBSLs	Groundwater Protection: Residential and Commerical I Groundwater Contact Protection Criteria & RBSLs	Indoor Air: Residential and Commerical I Soil Volatilization to Indoor Air Inhalation Criteria & RBSLs	Ambient Air (V): Residential and Commerical I Infinite Source Volatile Soil Inhalation Criteria (VSIC) & RBSLs	Ambient Air (V): Residential and Commerical I Particulate Soil Inhalation Criteria & RBSLs	Direct Contact: Residential and Commerical I Direct Contact Criteria & RBSLs	Direct Contact: Soil Saturation Concentration Screening Levels	B-14 (3-5) 1/10/2007	CW-1 1/10/2007	CW-2 1/10/2007	CW-3 1/10/2007	CW-4 1/10/2007	CW-5 1/10/2007	CW-6 1/10/2007	CW-7 1/10/2007
Analytes	**CAS#**																	
Volatile Organic Compounds (VOCs) (ug/Kg)																		
Benzene (I)	71432	NA	**100**	4,000 (X)	2.2E+5	1,600	13,000	3.8E+8	1.8E+5	4.0E+5	170	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	104518	NA	1,600	ID	1.2E+5	ID	ID	ID	2.5E+6	1.0E+7	ND	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	135988	NA	1,600	ID	88,000	ID	ID	ID	2.5E+6	1.0E+7	ND	NA	NA	NA	NA	NA	NA	NA
t-Butylbenzene (I)	98066	NA	1,600	NA	1.8E+5	ID	ID	ID	2.5E+6	1.0E+7	ND	NA	NA	NA	NA	NA	NA	NA
Chloroform	67663	NA	1,600 (W)	3,400 (X)	1.5E+6 (C)	7,200	45,000	1.3E+9	1.2E+6	1.5E+6	ND	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene (I)	100414	NA	1,500	360	1.4E+5 (C)	87,000	7.2E+5	1.0E+10	1.4E+5 (C)	1.4E+5	ND	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	91576	NA	57,000	ID	5.5E+6	ID	ID	ID	8.1E+6	NA	ND	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene (I)	103651	NA	1,600	NA	3.0E+5	ID	ID	1.3E+9	2.5E+6	1.0E+7	ND	NA	NA	NA	NA	NA	NA	NA
Styrene	100425	NA	2,700	2,200	2.7E+5	2.5E+5	9.7E+5	5.5E+9	4.0E+5	5.2E+5	ND	NA	NA	NA	NA	NA	NA	NA
Toluene (I)	108883	NA	16,000	2,800	2.5E+5 (C)	2.5E+5 (C)	2.8E+6	2.7E+10	2.5E+5 (C)	2.5E+5	ND	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene (I)	95636	NA	2,100	570	1.1E+5 (C)	1.1E+5 (C)	2.1E+7	8.2E+10	1.1E+5 (C)	1.1E+5	ND	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene (I)	108678	NA	1,800	1,100	94,000 (C)	94,000 (C)	1.6E+7	8.2E+10	94,000 (C)	94,000	ND	NA	NA	NA	NA	NA	NA	NA
Xylenes (I)	1330207	NA	5,600	700	1.5E+5 (C)	1.5E+5 (C)	4.6E+7	2.9E+11	1.5E+5 (C)	1.5E+5	ND	NA	NA	NA	NA	NA	NA	NA
Remaining VOCs	Varies	-	-	-	-	-	-	-	-	-	ND	NA	NA	NA	NA	NA	NA	NA
Polynuclear Aromatic Hydrocarbons (PNAs) (ug/Kg)																		
Acenaphthene	83329	NA	3.0E+5	4,400	9.7E+5	1.9E+8	8.1E+7	1.4E+10	4.1E+7	NA	ND	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	208968	NA	5,900	ID	4.4E+5	1.6E+6	2.2E+6	2.3E+9	1.6E+6	NA	ND	NA	NA	NA	NA	NA	NA	NA
Anthracene	120127	NA	41,000	ID	41,000	1.0E+9 (D)	1.4E+9	6.7E+10	2.3E+8	NA	ND	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene (Q)	56553	NA	NLL	NLL	NLL	NLV	NLV	ID	20,000	NA	ND	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene (Q)	50328	NA	NLL	NLL	NLL	NLV	NLV	1.5E+6	2,000	NA	ND	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene (Q)	205992	NA	NLL	NLL	NLL	ID	ID	ID	20,000	NA	ND	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	191242	NA	NLL	NLL	NLL	NLV	NLV	8.0E+8	2.5E+6	NA	ND	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene (Q)	207089	NA	NLL	NLL	NLL	NLV	NLV	ID	2.0E+5	NA	ND	NA	NA	NA	NA	NA	NA	NA
Chrysene (Q)	218019	NA	NLL	NLL	NLL	ID	ID	ID	2.0E+6	NA	ND	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene (Q)	53703	NA	NLL	NLL	NLL	NLV	NLV	ID	2,000	NA	ND	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	206440	NA	7.3E+5	5,500	7.3E+5	1.0E+9 (D)	7.4E+8	9.3E+9	4.6E+7	NA	ND	NA	NA	NA	NA	NA	NA	NA
Fluorene	86737	NA	3.9E+5	5,300	8.9E+5	5.8E+8	1.3E+8	9.3E+9	2.7E+7	NA	ND	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene (Q)	193395	NA	NLL	NLL	NLL	NLV	NLV	ID	20,000	NA	ND	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	91576	NA	57,000	ID	5.5E+6	ID	ID	ID	8.1E+6	NA	ND	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	85018	NA	56,000	5,300	1.1E+6	2.8E+6	1.6E+5	6.7E+6	1.6E+6	NA	ND	NA	NA	NA	NA	NA	NA	NA
Pyrene	129000	NA	4.8E+5	ID	4.8E+5	1.0E+9 (D)	6.5E+8	6.7E+9	2.9E+7	NA	ND	NA	NA	NA	NA	NA	NA	NA
Total Metals Analysis (ug/Kg)																		
Arsenic	7440382	5,800	**4,600**	70,000 (X)	2.0E+6	NLV	NLV	7.2E+5	7,600	NA	4,600	NA	NA	NA	NA	NA	NA	NA
Barium (B)	7440393	75,000	1.3E+6	(G,X)	1.0E+9 (D)	NLV	NLV	3.3E+8	3.7E+7	NA	61,000	NA	NA	NA	NA	NA	NA	NA
Cadmium (B)	7440439	1,200	6,000	(G,X)	2.3E+8	NLV	NLV	1.7E+6	5.5E+5	NA	ND	NA	NA	NA	NA	NA	NA	NA
Chromium (VI)	18540299	NA	30,000	**3,300**	1.4E+8	NLV	NLV	2.6E+5	2.5E+6	NA	14,000	NA	NA	NA	NA	NA	NA	NA
Copper (B)	7440508	32,000	5.8E+6	(G)	1.0E+9 (D)	NLV	NLV	1.3E+8	2.0E+7	NA	11,000	NA	NA	NA	NA	NA	NA	NA
Lead (B)	7439921	21,000	7.0E+5	(G,X)	ID	NLV	NLV	1.0E+8	4.0E+5	NA	26,000	NA	NA	NA	NA	NA	NA	NA
Mercury (Total) (B,Z)	Varies	130	1,700	**50 (M); 1.2**	47,000	48,000	52,000	2.0E+7	1.6E+5	NA	170	NA	NA	NA	NA	NA	NA	NA
Selenium (B)	7782492	410	4,000	400	7.8E+7	NLV	NLV	1.3E+8	2.6E+6	NA	ND	NA	NA	NA	NA	NA	NA	NA
Silver (B)	7440224	1,000	4,500	100 (M); 27	2.0E+8	NLV	NLV	6.7E+6	2.5E+6	NA	ND	NA	NA	NA	NA	NA	NA	NA
Zinc (B)	7440666	47,000	2.4E+6	(G)	1.0E+9 (D)	NLV	NLV	ID	1.7E+8	NA	44,000	NA	NA	NA	NA	NA	NA	NA
Polychlorinated biphenyls (PCBs) (J,T)																		
Polychlorinated biphenyls (PCBs) (J,T)	1336363	NA	NLL	NLL	NLL	3.0E+6	2.4E+5	5.2E+6	(T)	NA	NA	ND	ND	ND	ND	ND	ND	ND

Notes:

B - Background, as defined in R 299.5701(b), may be substituted if higher than the calculated cleanup criterion.

C - Value presented is a screening level based on the chemical-specific generic soil saturation concentration (Csat) since the calculated risk-based criterion is greater than Csat.

D - Calculated criterion exceeds 100%, hence it is reduced to 100% or 1.0E+9 ppb.

G - Groundwater surface water interface (GSI) criterion depends on the pH or water hardness, or both, of the receiving surface water.

H - Valence-specific chromium data (Cr III and Cr VI) shall be compared to the corresponding valence-specific cleanup criteria.

I - Hazardous substance may exhibit the characteristic of ignitability as defined in 40 C.F.R. Section 261.21 (revised as of July 1, 2001), which is adopted by reference in these rules and which is available for inspection

M - Calculated criterion is below the analyticals target detection limit, therefore, the criterion defaults to the target detection limit

Q - Criteria for carcinogenic polycyclic aromatic hydrocarbons were developed using relative potential potencies to benzo(a)pyrene.

X - The groundwater surface water interface (GSI) criterion shown in the generic cleanup criteria tables is not protective for surface water that is used as a drinking water source.

ID - Insufficient data to develop criterion.

NA - Criterion or value is not available or, in the case of background and chemical abstract service numbers, not applicable

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

ND - Non-detect

µg/Kg - micrograms per Kilogram

bold - Parameter exceeds indicated criterion

Table 2
Summary of Groundwater Analytical Results

Former Detroit Elevator Co.
1938 Franklin Street
Detroit, Michigan
AKT Peerless Project Number
5324d2-1-20

Sample Identification and Date		Residential & Commercial I Drinking Water Criteria & RBSLs	Groundwater Surface Water Interface Criteria & RBSLs	Residential & Commercial I Groundwater Volatilization to Indoor Air Inhalation Criteria & RBSLs	Groundwater Contact Criteria & RBSLs	B-2W 1/9/2006
Analytes	**CAS#**					
Volatile Organic Compounds (VOCs) (ug/L)						
VOCs	Varies	varies	varies	varies	varies	ND
Polynuclear Aromatic Hydrocarbons (PNAs) (ug/L)						
PNAs	Varies	varies	varies	varies	varies	ND
Total Metals Analysis (ug/L)						
Michigan Metals	Varies	varies	varies	varies	varies	NA

NA - Not Analyzed

ND - Non-detect

ug/L - micrograms per Liter

APPENDIX A

SOIL BORING LOGS

AKTPEERLESS environmental services

607 Shelby Street Suite 900, Detroit, Michigan 48226
Phone: (313) 962-9353 Fax: (313) 962-0966

BORING LOG

FORMER DETROIT ELEVATOR CO.
1938 Franklin Street
Detroit, Michigan
PROJECT NUMBER: 5324D

B-1

Drawn By: Megan Bahorski
Date: 01/18/06

DRILLING COMPANY:	SQS ENVIRONMENTAL SERVICES	WEATHER:	32 F SUNNY
TECHNICIAN:	JASON MILLER	BORING DEPTH:	16 FEET BGS
DATE DRILLED:	01/09/06	DEPTH TO GW:	NA
DRILLING METHOD:	POWERPROPE	SCREEN INTERVAL:	NA
FIELD GEOLOGIST:	MEGAN BAHORSKI	SCREEN MATERIAL:	NA

DEPTH FEET	SAMPLE INTERVAL	% RECOVERY	PID VALUE	USCS SOIL CLASS.	COLOR	GEOLOGIC DESCRIPTION	MOISTURE	TEMPORARY WELL DIAGRAM
						CONCRETE		
			0		Black/Brown	**FILL:** gravel, sand (fine to medium)	D	
2		50					D	
			0					
4							D	
			0					
6		100		CL	Brown/Grey	**CLAY:** sand, gravel, medium stiff, mottled	D	
			0					
8							D	
			0					
10		100			Brown	stiff	D	
			0					
12					Grey	soft	D	
			0					
14		100					D	
			0					
16						End of Boring at 16 feet		
18								
20								

AKTPEERLESS environmental services

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Phone: (313) 962-9353 Fax: (313) 962-0966

BORING LOG

FORMER DETROIT ELEVATOR CO.
1938 Franklin Street
Detroit, Michigan
PROJECT NUMBER: 5324D

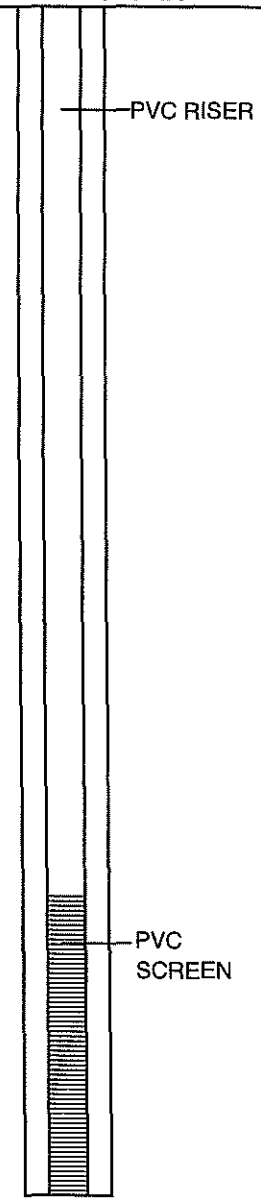
B-2

Drawn By: Megan Bahorski
Date: 01/18/06

DRILLING COMPANY:	SQS ENVIRONMENTAL SERVICES	WEATHER:	32 F SUNNY
TECHNICIAN:	JASON MILLER	BORING DEPTH:	20 FEET BGS
DATE DRILLED:	01/09/06	DEPTH TO GW:	17 FEET BGS
DRILLING METHOD:	POWERPROPE	SCREEN INTERVAL:	15-20 FEET
FIELD GEOLOGIST:	MEGAN BAHORSKI	SCREEN MATERIAL:	1" PVC

DEPTH FEET	SAMPLE INTERVAL	% RECOVERY	PID VALUE	USCS SOIL CLASS.	COLOR	GEOLOGIC DESCRIPTION	MOISTURE
						CONCRETE	
			0		Brown/Black	**FILL:** sand (medium to fine), gravel	D
2		50					
			0		Black	clay, sand, gravel, medium stiff, potential staining from 2-4 feet	D
4							D
			0	CL	Brown	**CLAY:** medium stiff	
6		100					D
			0				
8							D
			0				
10		100					D
			0				
12					Grey	soft	D
			0				
14		100					D
			0				M
16							M
			0				▽
18		100					S
			0				M
20							D
						End of boring at 20 feet bgs	

TEMPORARY WELL DIAGRAM



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BORING LOG

FORMER DETROIT ELEVATOR CO.
1938 Franklin Street
Detroit, Michigan
PROJECT NUMBER: 5324D

B-3

Drawn By: Megan Bahorski
Date: 01/18/06

DRILLING COMPANY:	SQS ENVIRONMENTAL SERVICES	WEATHER:	32 F SUNNY
TECHNICIAN:	JASON MILLER	BORING DEPTH:	12 FEET BGS
DATE DRILLED:	01/09/06	DEPTH TO GW:	NA
DRILLING METHOD:	POWERPROPE	SCREEN INTERVAL:	NA
FIELD GEOLOGIST:	MEGAN BAHORSKI	SCREEN MATERIAL:	NA

DEPTH FEET	SAMPLE INTERVAL	% RECOVERY	PID VALUE	USCS SOIL CLASS.	COLOR	GEOLOGIC DESCRIPTION	MOISTURE	TEMPORARY WELL DIAGRAM
						CONCRETE		
			0		Black/Brown	**FILL:** sand, gravel	D	
2		75			Brown	clay, sand, gravel	D	
			0					
4							D	
			0	CL	Brown	**CLAY:** soft		
6		100					D	
			0					
8							D	
			0					
10		100					D	
			0					
12						End of boring at 12 feet bgs		
14								
16								
18								
20								

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BORING LOG

FORMER DETROIT ELEVATOR CO.
1938 Franklin Street
Detroit, Michigan
PROJECT NUMBER: 5324D

B-4

Drawn By: Megan Bahorski
Date: 01/18/06

DRILLING COMPANY:	SQS ENVIRONMENTAL SERVICES	WEATHER:	32 F SUNNY
TECHNICIAN:	JASON MILLER	BORING DEPTH:	16 FEET BGS
DATE DRILLED:	01/09/06	DEPTH TO GW:	NA
DRILLING METHOD:	POWERPROPE	SCREEN INTERVAL:	NA
FIELD GEOLOGIST:	MEGAN BAHORSKI	SCREEN MATERIAL:	NA

DEPTH FEET	SAMPLE INTERVAL	% RECOVERY	PID VALUE	USCS SOIL CLASS.	COLOR	GEOLOGIC DESCRIPTION	MOISTURE	TEMPORARY WELL DIAGRAM
						CONCRETE		
			0		Black/Brown	**FILL:** sand, gravel, masonry debris, clay	D	
2		75					D	
			0	CL	Brown	**CLAY:** soft		
4							D	
			0					
6		100					D	
			0					
8					Brown	medium stiff	D	
			0					
10		100					D	
			0					
12					Grey	soft	D	
			0					
14							D	
			0					
16						End of boring 16 feet bgs		
18								
20								

AKTPEERLESS
environmental services
607 Shelby Street Suite 900, Detroit, Michigan 48226
Phone: (313) 962-9353 Fax: (313) 962-0966

BORING LOG

FORMER DETROIT ELEVATOR CO.
1938 Franklin Street
Detroit, Michigan
PROJECT NUMBER: 5324D

B-5

Drawn By: Megan Bahorski
Date: 01/18/06

DRILLING COMPANY:	SQS ENVIRONMENTAL SERVICES	WEATHER:	32 F SUNNY
TECHNICIAN:	JASON MILLER	BORING DEPTH:	16 FEET BGS
DATE DRILLED:	01/09/06	DEPTH TO GW:	NA
DRILLING METHOD:	POWERPROPE	SCREEN INTERVAL:	NA
FIELD GEOLOGIST:	MEGAN BAHORSKI	SCREEN MATERIAL:	NA

DEPTH FEET	SAMPLE INTERVAL	% RECOVERY	PID VALUE	USCS SOIL CLASS.	COLOR	GEOLOGIC DESCRIPTION	MOISTURE	TEMPORARY WELL DIAGRAM
			0			**CONCRETE**		
			0		Black/Brown	**FILL:** sand, gravel	D	
2		50	0				D	
			7.8					
4				CL	Brown	**CLAY:** medium stiff	D	
			0					
6		50				No recovery for 6 to 10 feet bgs	D	
			.0					
8							D	
			0					
10		50		CL	Brown	**CLAY:** medium stiff	D	
			0					
12							D	
			0					
14		100			Grey	soft	D	
			0					
16						End of boring 16 feet bgs		
18								
20								

AKTPEERLESS
environmental services
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BORING LOG

FORMER DETROIT ELEVATOR CO.
1938 Franklin Street
Detroit, Michigan
PROJECT NUMBER: 5324D

B-6

Drawn By: Megan Bahorski
Date: 01/18/06

DRILLING COMPANY:	SQS ENVIRONMENTAL SERVICES	WEATHER:	32 F CLOUDY
TECHNICIAN:	JASON MILLER	BORING DEPTH:	8 FEET BGS
DATE DRILLED:	01/09/06	DEPTH TO GW:	NA
DRILLING METHOD:	POWERPROPE	SCREEN INTERVAL:	NA
FIELD GEOLOGIST:	MEGAN BAHORSKI	SCREEN MATERIAL:	NA

DEPTH FEET	SAMPLE INTERVAL	% RECOVERY	PID VALUE	USCS SOIL CLASS.	COLOR	GEOLOGIC DESCRIPTION	MOISTURE	TEMPORARY WELL DIAGRAM
			0.9			**CONCRETE**		
			1		Brown	**FILL:** clay, sand, potential staining 1-2 feet bgs	D	
2		50	0.9	CL	Brown	**CLAY:** gravel, mottled, medium stiff	D	
4			0.9				D	
6		50	0				D	
8			0			End of boring at 8 feet bgs		
10								
12								
14								
16								
18								
20								

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BORING LOG

FORMER DETROIT ELEVATOR CO.
1938 Franklin Street
Detroit, Michigan
PROJECT NUMBER: 5324D

B-7

Drawn By: Megan Bahorski
Date: 01/18/06

DRILLING COMPANY:	SQS ENVIRONMENTAL SERVICES	WEATHER:	32 F CLOUDY
TECHNICIAN:	JASON MILLER	BORING DEPTH:	20 FEET BGS
DATE DRILLED:	01/09/06	DEPTH TO GW:	NA
DRILLING METHOD:	POWERPROPE	SCREEN INTERVAL:	NA
FIELD GEOLOGIST:	MEGAN BAHORSKI	SCREEN MATERIAL:	NA

DEPTH FEET	SAMPLE INTERVAL	% RECOVERY	PID VALUE	USCS SOIL CLASS.	COLOR	GEOLOGIC DESCRIPTION	MOISTURE	TEMPORARY WELL DIAGRAM
						CONCRETE		
			0		Black	**FILL:** sand, gravel	D	
2		25						
						No recovery from 2-4 feet bgs	D	
			0					
4				CL	Brown	**CLAY:** gravel, medium stiff	D	
			0					
6		100					D	
			0					
8							D	
			0					
10		100					D	
			0					
12					Grey	soft	D	
			0					
14		100					D	
			0					
16							D	
			0					
18		100					D	
			0					
20						End of boring at 20 feet bgs		

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BORING LOG

FORMER DETROIT ELEVATOR CO.
1938 Franklin Street
Detroit, Michigan
PROJECT NUMBER: 5324D

B-8

Drawn By: Megan Bahorski
Date: 01/18/06

DRILLING COMPANY:	SQS ENVIRONMENTAL SERVICES	WEATHER:	32 F CLOUDY
TECHNICIAN:	JASON MILLER	BORING DEPTH:	12 FEET BGS
DATE DRILLED:	01/09/06	DEPTH TO GW:	NA
DRILLING METHOD:	POWERPROPE	SCREEN INTERVAL:	NA
FIELD GEOLOGIST:	MEGAN BAHORSKI	SCREEN MATERIAL:	NA

DEPTH FEET	SAMPLE INTERVAL	% RECOVERY	PID VALUE	USCS SOIL CLASS.	COLOR	GEOLOGIC DESCRIPTION	MOISTURE	TEMPORARY WELL DIAGRAM
						CONCRETE		
			0		Brown/Black	**FILL:** sand, gravel	D	
2		50					D	
			0					
4				CL	Brown	**CLAY:** soft	D	
			0					
6		100					D	
			0					
8						medium stiff	D	
			0					
10		100					D	
			0					
12						End of boring at 12 feet bgs		
14								
16								
18								
20								

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BORING LOG

FORMER DETROIT ELEVATOR CO.
1938 Franklin Street
Detroit, Michigan
PROJECT NUMBER: 5324D

B-9

Drawn By: Megan Bahorski
Date: 01/18/06

DRILLING COMPANY:	SQS ENVIRONMENTAL SERVICES	WEATHER:	32 F CLOUDY
TECHNICIAN:	JASON MILLER	BORING DEPTH:	8 FEET BGS
DATE DRILLED:	01/09/06	DEPTH TO GW:	NA
DRILLING METHOD:	POWERPROPE	SCREEN INTERVAL:	NA
FIELD GEOLOGIST:	MEGAN BAHORSKI	SCREEN MATERIAL:	NA

DEPTH FEET	SAMPLE INTERVAL	% RECOVERY	PID VALUE	USCS SOIL CLASS.	COLOR	GEOLOGIC DESCRIPTION	MOISTURE	TEMPORARY WELL DIAGRAM
						CONCRETE		
			0		Drk Brown	**FILL:** clay, sand, gravel, cobbles	D	
2		50					D	
			0					
4				CL	Brown	**CLAY:** soft	D	
			0					
6		50			Grey		D	
			0					
8						End of boring at 8 feet bgs		
10								
12								
14								
16								
18								
20								

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BORING LOG

FORMER DETROIT ELEVATOR CO.
1938 Franklin Street
Detroit, Michigan
PROJECT NUMBER: 5324D

B-10

Drawn By: Megan Bahorski
Date: 01/18/06

DRILLING COMPANY:	SQS ENVIRONMENTAL SERVICES	WEATHER:	32 F CLOUDY
TECHNICIAN:	JASON MILLER	BORING DEPTH:	12 FEET BGS
DATE DRILLED:	01/10/06	DEPTH TO GW:	NA
DRILLING METHOD:	POWERPROPE	SCREEN INTERVAL:	NA
FIELD GEOLOGIST:	MEGAN BAHORSKI	SCREEN MATERIAL:	NA

DEPTH FEET	SAMPLE INTERVAL	% RECOVERY	PID VALUE	USCS SOIL CLASS.	COLOR	GEOLOGIC DESCRIPTION	MOISTURE	TEMPORARY WELL DIAGRAM
						CONCRETE		
			0		Black	FILL: clay, sand, gravel, brick	D	
2		100					D	
			0					
4						potential staining 4-8 feet bgs	D	
			0					
6		100		CL	Brown/Grey	CLAY: mottled, soft	D	
			0					
8							D	
			0					
10		100			Brown	stiff	D	
			0					
12						End of boring at 12 feet bgs		
14								
16								
18								
20								

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BORING LOG

FORMER DETROIT ELEVATOR CO.
1938 Franklin Street
Detroit, Michigan
PROJECT NUMBER: 5324D

B-11

Drawn By: Megan Bahorski
Date: 01/18/06

DRILLING COMPANY:	SQS ENVIRONMENTAL SERVICES	WEATHER:	32 F CLOUDY
TECHNICIAN:	JASON MILLER	BORING DEPTH:	20 FEET BGS
DATE DRILLED:	01/10/06	DEPTH TO GW:	NA
DRILLING METHOD:	POWERPROPE	SCREEN INTERVAL:	NA
FIELD GEOLOGIST:	MEGAN BAHORSKI	SCREEN MATERIAL:	NA

DEPTH FEET	SAMPLE INTERVAL	% RECOVERY	PID VALUE	USCS SOIL CLASS.	COLOR	GEOLOGIC DESCRIPTION	MOISTURE	TEMPORARY WELL DIAGRAM
						CONCRETE		
			0		Black/Brown	FILL: clay, gravel, masonry debris	D	
2		75					D	
			0					
4							D	
			0					
6		100					D	
			0	CL	Drk Brown	CLAY: gravel, soft, potential staining 7-10 feet bgs		
8							D	
			0					
10		75			Brown/Grey	mottled	D	
			0					
12					Brown	soft	D	
			0					
14		100			Grey		D	
			0					
16							D	
			0					
18		100					D	
			0					
20						End of boring at 20 feet bgs		

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BORING LOG

FORMER DETROIT ELEVATOR CO.
1938 Franklin Street
Detroit, Michigan
PROJECT NUMBER: 5324D

B-12

Drawn By: Megan Bahorski
Date: 01/18/06

DRILLING COMPANY:	SQS ENVIRONMENTAL SERVICES	WEATHER:	24 F CLOUDY
TECHNICIAN:	JASON MILLER	BORING DEPTH:	20 FEET BGS
DATE DRILLED:	01/10/06	DEPTH TO GW:	NA
DRILLING METHOD:	POWERPROPE	SCREEN INTERVAL:	NA
FIELD GEOLOGIST:	MEGAN BAHORSKI	SCREEN MATERIAL:	NA

DEPTH FEET	SAMPLE INTERVAL	% RECOVERY	PID VALUE	USCS SOIL CLASS.	COLOR	GEOLOGIC DESCRIPTION	MOISTURE	TEMPORARY WELL DIAGRAM
						CONCRETE		
			0		Black/Brown	**FILL:** clay, gravel, sand, potential staining 0-5 feet bgs	D	
2		75					D	
			0					
4					Brown	fine sand fill	D	
			0	CL	Brown	**CLAY:** medium stiff		
6		75			Brown/Grey	mottled, soft	D	
			0					
8							D	
			0					
10		100			Brown	soft	D	
			0					
12							D	
			0					
14		100					D	
			0					
16							D	
			0		Grey			
18		100					D	
			0					
20						End of boring at 20 feet bgs		

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BORING LOG

FORMER DETROIT ELEVATOR CO.
1938 Franklin Street
Detroit, Michigan
PROJECT NUMBER: 5324D

B-13

Drawn By: Megan Bahorski
Date: 01/18/06

DRILLING COMPANY:	SQS ENVIRONMENTAL SERVICES	WEATHER:	24 F CLOUDY
TECHNICIAN:	JASON MILLER	BORING DEPTH:	20 FEET BGS
DATE DRILLED:	01/10/06	DEPTH TO GW:	NA
DRILLING METHOD:	POWERPROPE	SCREEN INTERVAL:	NA
FIELD GEOLOGIST:	MEGAN BAHORSKI	SCREEN MATERIAL:	NA

DEPTH FEET	SAMPLE INTERVAL	% RECOVERY	PID VALUE	USCS SOIL CLASS.	COLOR	GEOLOGIC DESCRIPTION	MOISTURE	TEMPORARY WELL DIAGRAM
						CONCRETE		
			0		Black/Brown	**FILL:** sand, gravel, potential staining 0-4 feet bgs	D	
2		50					D	
			0					
4							D	
			0	CL	Black	**CLAY:** medium stiff		
6		100			Grey	soft	D	
			0					
8					Brown/Grey	mottled, stiff	D	
			0					
10		100			Grey	soft	D	
			0					
12							D	
			0					
14		100					D	
			0					
16							D	
			0					
18		100					D	
			0					
20						End of boring at 20 feet bgs		

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BORING LOG

FORMER DETROIT ELEVATOR CO.
1938 Franklin Street
Detroit, Michigan
PROJECT NUMBER: 5324D

B-14

Drawn By: Megan Bahorski
Date: 01/18/06

DRILLING COMPANY:	SQS ENVIRONMENTAL SERVICES	WEATHER:	24 F CLOUDY
TECHNICIAN:	JASON MILLER	BORING DEPTH:	20 FEET BGS
DATE DRILLED:	01/10/06	DEPTH TO GW:	NA
DRILLING METHOD:	POWERPROPE	SCREEN INTERVAL:	NA
FIELD GEOLOGIST:	MEGAN BAHORSKI	SCREEN MATERIAL:	NA

DEPTH FEET	SAMPLE INTERVAL	% RECOVERY	PID VALUE	USCS SOIL CLASS.	COLOR	GEOLOGIC DESCRIPTION	MOISTURE	TEMPORARY WELL DIAGRAM
						CONCRETE		
			0		Black/Brown	**FILL:** clay, gravel, sand	D	
2		75					D	
			0					
4				CL	Brown	**CLAY:** gravel, stiff	D	
			0					
6		100					D	
			0	SW	Brown	**SAND:** fine		
8				CL	Brown	**CLAY:** gravel, medium, stiff	D	
			0					
10		100					D	
			0					
12					Grey	soft	D	
			0					
14		100					D	
			0					
16							D	
			0					
18		100		SW	Grey	**SAND:** fine	D	
			0	CL	Grey	**CLAY:** soft		
20						End of boring at 20 feet bgs		

APPENDIX B

LABORATORY ANALYTICAL REPORT

Midwest Analytical Services, Inc.

"Where industry comes for answers."

2905 Hilton Rd
Ferndale, MI 48220

Phone: (248) 591-6660
MI Only: (888) 801-4MAS
Fax No: (248) 591-6668

All test reports include a chain of custody and a cover sheet.

Date: 17-Jan-07

Client: Megan Bahorshi
AKT Peerless Environmental Services

Order ID: 0701068

MAS Sample #: 070110007 - 042

Project ID: 5324D-2-20

Sample I.D.: B-1 (0.5-1); B-1 (5-7); B-2 (2-4); B-2 (15-17); B-2W; B-3 (0.5-1); B-3 (3-5); B-4 (0.5-1); B-5 (0.5-1); B-5 (3-5); B-6 (1-3); B-6 (4-6); B-7 (5-7); B-7 (10-12); B-8 (0.5-1); B-8 (4-6); B-9 (0.5-1); B-9 (4-6); B-9 (6-8); B-10 (0.5-1); B-10 (4-6); B-11 (0-0.5); B-11 (7-9); B-12 (0-0.5); B-12 (3-5); B-13 (0-0.5); B-13 (4-6); B-13 (10-12); B-14 (3-5); CW-1; CW-2; CW-3; CW-4; CW-5; CW-6; CW-7

The above mentioned project has been completed in accordance with the Quality Assurance Project Plan written by Midwest Analytical Services, Inc., using SW-846, DEQ, EPA, Standard Methods and ASTM documents as reference guidelines. Specific sample information is available upon request. This test report applies only to the samples received as stated on the Chain of Custody (COC).

Test reports are not complete unless accompanied by the COC and this cover sheet. MAS is not responsible for interpretation of this test report. Please read the following numbered comments carefully.

For your convenience the following legend applies to all the following data sheets:

1. Reports shall not be reproduced, except in full, without written approval of MAS.
2. N/D=Not detected.
3. Results relate only to the items tested.
4. ppm=parts per million, mg/l, mg/kg or mg/kg(dry weight)
   ppb=parts per billion, ug/l, ug/kg or ug/kg (dry weight)
5. QC information on file.
6. EQL=Estimated Quantitation Limit.
7. N/A=Not Applicable, Not Available.
8. Materials listed on the COC were analyzed as requested. See COC for details.
9. Data along with qualifiers make this a useable data set.

Additional comments and explanations:

HM- EQL raised due to higher than usual sample moisture level, used in calculating the dry weight analysis.
J- Estimated value or values not accurate i.e. analyte found to be outside the established linear range of quantiation.
SH- Surrogate spike indicates high recovery.
SL- Surrogate spike indicates low recovery.
SMS- Sample matrix interference prevents adequate matrix spike/ matrix spike duplicate recoveries.

If you have any questions regarding this project feel free to contact me at (248) 591-6660 ext. 115 or (888) 801-4627 ext. 115. Thank you for choosing Midwest Analytical Services.

Charles Hindbaugh

Charles Hindbaugh
Quality Manager

Charles Hindbaugh

Charles Hindbaugh
Quality Manager

Midwest Analytical Services, Inc.

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AKT Peerless Environmental Services
607 Shelby St
Detroit, MI 48226-3268

Test Report
Order ID: 0701068
MAS Sample #: 070110007
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-1 (0.5-1)

Physical Description: Soil

Sample Date/Time: 01/09/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
	Total Metals:					01/12/2007		
SW 846 6010B	Arsenic	230000	µg/Kg Dry	104	MV		01/16/2007	SMS
SW 846 6010B	Barium	30000	µg/Kg Dry	82	MV		01/16/2007	
SW 846 6010B	Cadmium	3500	µg/Kg Dry	49	MV		01/16/2007	
SW 846 6010B	Chromium	1700	µg/Kg Dry	82	MV		01/16/2007	
SW 846 6010B	Copper	7800	µg/Kg Dry	82	MV		01/16/2007	
SW 846 6010B	Lead	3300000	µg/Kg Dry	86	MV		01/16/2007	SMS
SW 846 7471A	Mercury	70	µg/Kg Dry	22	MV		01/16/2007	SMS
SW 846 6010B	Selenium	N/D	µg/Kg Dry	147	MV		01/16/2007	
SW 846 6010B	Silver	N/D	µg/Kg Dry	82	MV		01/16/2007	
SW 846 6010B	Zinc	1600000	µg/Kg Dry	82	MV		01/16/2007	SMS
SW 846 8270C	Polynuclear Aromatic Hydrocarbons:				DC	01/11/2007	01/12/2007	
SW 846 8270C	Acenaphthene	N/D	µg/Kg Dry	217	DC		01/12/2007	
SW 846 8270C	Acenaphthylene	N/D	µg/Kg Dry	217	DC		01/12/2007	
SW 846 8270C	Anthracene	N/D	µg/Kg Dry	217	DC		01/12/2007	
SW 846 8270C	Benzo(a)anthracene	N/D	µg/Kg Dry	217	DC		01/12/2007	
SW 846 8270C	Benzo(b)fluoranthene	N/D	µg/Kg Dry	217	DC		01/12/2007	
SW 846 8270C	Benzo(k)fluoranthene	N/D	µg/Kg Dry	217	DC		01/12/2007	
SW 846 8270C	Benzo(g,h,i)perylene	N/D	µg/Kg Dry	217	DC		01/12/2007	
SW 846 8270C	Benzo [a]pyrene	N/D	µg/Kg Dry	217	DC		01/12/2007	
SW 846 8270C	beta-Chloronaphthalene	N/D	µg/Kg Dry	217	DC		01/12/2007	
SW 846 8270C	Chrysene	N/D	µg/Kg Dry	217	DC		01/12/2007	
SW 846 8270C	Dibenz(a,h)anthracene	N/D	µg/Kg Dry	217	DC		01/12/2007	
SW 846 8270C	Fluoranthene	N/D	µg/Kg Dry	217	DC		01/12/2007	
SW 846 8270C	Fluorene	N/D	µg/Kg Dry	217	DC		01/12/2007	
SW 846 8270C	Indeno(1,2,3-cd)pyrene	N/D	µg/Kg Dry	217	DC		01/12/2007	
SW 846 8270C	2-Methylnaphthalene	N/D	µg/Kg Dry	217	DC		01/12/2007	
SW 846 8270C	Naphthalene	N/D	µg/Kg Dry	217	DC		01/12/2007	
SW 846 8270C	Phenanthrene	N/D	µg/Kg Dry	217	DC		01/12/2007	
SW 846 8270C	Pyrene	800	µg/Kg Dry	217	DC		01/12/2007	
SW 846 8260B	Volatile Organic Compounds:				DB	01/11/2007	01/11/2007	
SW 846 8260B	Acetone	N/D	µg/Kg Dry	435	DB		01/11/2007	

Charles Hindbaugh

Charles Hindbaugh
Quality Manager

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AKT Peerless Environmental Services
607 Shelby St
Detroit, MI 48226-3268

Test Report
Order ID: 0701068
MAS Sample #: 070110014
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-4 (0.5-1)

Physical Description: Soil

Sample Date/Time: 01/09/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8260B	1,4-Dichlorobenzene	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	Dichlorodifluoromethane	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	1,1-Dichloroethane	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	1,2-Dichloroethane	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	1,1-Dichloropropene	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	Cis-1,2-dichloroethene	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	Trans-1,2-dichloroethene	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	1,2-Dichloropropane	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	1,3-Dichloropropane	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	2,2-Dichloropropane	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	1,1-Dichloroethene	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	Cis-1,3-dichloropropene	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	Trans-1,3-dichloropropene	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	1,2-Dibromoethane	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	Ethylbenzene	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	2-Methylnaphthalene	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	Methyl T-Butyl Ether	N/D	µg/Kg Dry	291	DB		01/12/2007	
SW 846 8260B	Methylene Chloride	N/D	µg/Kg Dry	146	DB		01/12/2007	
SW 846 8260B	n-Propyl Benzene	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	2-Hexanone	N/D	µg/Kg Dry	291	DB		01/12/2007	
SW 846 8260B	Methyl Isobutyl Ketone	N/D	µg/Kg Dry	291	DB		01/12/2007	
SW 846 8260B	Styrene	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	Naphthalene	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	1,1,1,2-Tetrachloroethane	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	1,1,2,2-Tetrachloroethane	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	Tetrachloroethene	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	Toluene	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	1,2,3-Trichlorobenzene	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	1,2,4-Trichlorobenzene	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	1,1,1-Trichloroethane	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	1,1,2-Trichloroethane	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	Trichloroethene	N/D	µg/Kg Dry	29	DB		01/12/2007	

Charles Hindbaugh

Charles Hindbaugh
Quality Manager

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AKT Peerless Environmental Services
607 Shelby St
Detroit, MI 48226-3268

Test Report
Order ID: 0701068
MAS Sample #: 070110014
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-4 (0.5-1)

Physical Description: Soil

Sample Date/Time: 01/09/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8260B	Trichlorofluoromethane	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	1,2,3-Trichloropropane	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	1,2,3-Trimethylbenzene	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	1,2,4-Trimethylbenzene	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	1,3,5-Trimethylbenzene	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	Vinyl Acetate	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	Vinyl Chloride	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	Xylene (Total)	N/D	µg/Kg Dry	87	DB		01/12/2007	

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AKT Peerless Environmental Services
607 Shelby St
Detroit, MI 48226-3268

Test Report
Order ID: 0701068
MAS Sample #: 070110015
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-5 (0.5-1)

Physical Description: Soil

Sample Date/Time: 01/09/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8270C	Polynuclear Aromatic Hydrocarbons:				DC	01/11/2007	01/12/2007	
SW 846 8270C	Acenaphthene	N/D	µg/Kg Dry	256	DC		01/12/2007	
SW 846 8270C	Acenaphthylene	N/D	µg/Kg Dry	256	DC		01/12/2007	
SW 846 8270C	Anthracene	380	µg/Kg Dry	256	DC		01/12/2007	
SW 846 8270C	Benzo(a)anthracene	1100	µg/Kg Dry	256	DC		01/12/2007	
SW 846 8270C	Benzo(b)fluoranthene	1500	µg/Kg Dry	256	DC		01/12/2007	
SW 846 8270C	Benzo(k)fluoranthene	530	µg/Kg Dry	256	DC		01/12/2007	
SW 846 8270C	Benzo(g,h,i)perylene	540	µg/Kg Dry	256	DC		01/12/2007	
SW 846 8270C	Benzo [a]pyrene	1200	µg/Kg Dry	256	DC		01/12/2007	
SW 846 8270C	beta-Chloronaphthalene	N/D	µg/Kg Dry	256	DC		01/12/2007	
SW 846 8270C	Chrysene	960	µg/Kg Dry	256	DC		01/12/2007	
SW 846 8270C	Dibenz(a,h)anthracene	N/D	µg/Kg Dry	256	DC		01/12/2007	
SW 846 8270C	Fluoranthene	2300	µg/Kg Dry	256	DC		01/12/2007	
SW 846 8270C	Fluorene	N/D	µg/Kg Dry	256	DC		01/12/2007	
SW 846 8270C	Indeno(1,2,3-cd)pyrene	520	µg/Kg Dry	256	DC		01/12/2007	
SW 846 8270C	2-Methylnaphthalene	N/D	µg/Kg Dry	256	DC		01/12/2007	
SW 846 8270C	Naphthalene	N/D	µg/Kg Dry	256	DC		01/12/2007	
SW 846 8270C	Phenanthrene	1200	µg/Kg Dry	256	DC		01/12/2007	
SW 846 8270C	Pyrene	2100	µg/Kg Dry	256	DC		01/12/2007	
SW 846 8260B	Volatile Organic Compounds:				DB	01/11/2007	01/12/2007	
SW 846 8260B	Benzene	N/D	µg/Kg Dry	34	DB		01/12/2007	
SW 846 8260B	Toluene	N/D	µg/Kg Dry	34	DB		01/12/2007	
SW 846 8260B	Ethylbenzene	N/D	µg/Kg Dry	34	DB		01/12/2007	
SW 846 8260B	Xylene (Total)	N/D	µg/Kg Dry	103	DB		01/12/2007	
SW 846 8260B	1,3,5-Trimethylbenzene	N/D	µg/Kg Dry	34	DB		01/12/2007	
SW 846 8260B	1,2,4-Trimethylbenzene	N/D	µg/Kg Dry	34	DB		01/12/2007	
SW 846 8260B	1,2,3-Trimethylbenzene	N/D	µg/Kg Dry	34	DB		01/12/2007	

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AKT Peerless Environmental Services
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Test Report
Order ID: 0701068
MAS Sample #: 070110016
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-5 (3-5)

Physical Description: Soil

Sample Date/Time: 01/09/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8270C	Polynuclear Aromatic Hydrocarbons:				DC	01/11/2007	01/12/2007	
SW 846 8270C	Acenaphthene	N/D	µg/Kg Dry	250	DC		01/12/2007	
SW 846 8270C	Acenaphthylene	N/D	µg/Kg Dry	250	DC		01/12/2007	
SW 846 8270C	Anthracene	N/D	µg/Kg Dry	250	DC		01/12/2007	
SW 846 8270C	Benzo(a)anthracene	N/D	µg/Kg Dry	250	DC		01/12/2007	
SW 846 8270C	Benzo(b)fluoranthene	N/D	µg/Kg Dry	250	DC		01/12/2007	
SW 846 8270C	Benzo(k)fluoranthene	N/D	µg/Kg Dry	250	DC		01/12/2007	
SW 846 8270C	Benzo(g,h,i)perylene	N/D	µg/Kg Dry	250	DC		01/12/2007	
SW 846 8270C	Benzo [a]pyrene	N/D	µg/Kg Dry	250	DC		01/12/2007	
SW 846 8270C	beta-Chloronaphthalene	N/D	µg/Kg Dry	250	DC		01/12/2007	
SW 846 8270C	Chrysene	N/D	µg/Kg Dry	250	DC		01/12/2007	
SW 846 8270C	Dibenz(a,h)anthracene	N/D	µg/Kg Dry	250	DC		01/12/2007	
SW 846 8270C	Fluoranthene	N/D	µg/Kg Dry	250	DC		01/12/2007	
SW 846 8270C	Fluorene	N/D	µg/Kg Dry	250	DC		01/12/2007	
SW 846 8270C	Indeno(1,2,3-cd)pyrene	N/D	µg/Kg Dry	250	DC		01/12/2007	
SW 846 8270C	2-Methylnaphthalene	N/D	µg/Kg Dry	250	DC		01/12/2007	
SW 846 8270C	Naphthalene	N/D	µg/Kg Dry	250	DC		01/12/2007	
SW 846 8270C	Phenanthrene	N/D	µg/Kg Dry	250	DC		01/12/2007	
SW 846 8270C	Pyrene	N/D	µg/Kg Dry	250	DC		01/12/2007	
SW 846 8260B	Volatile Organic Compounds:				DB	01/11/2007	01/12/2007	
SW 846 8260B	Benzene	N/D	µg/Kg Dry	34	DB		01/12/2007	
SW 846 8260B	Toluene	N/D	µg/Kg Dry	34	DB		01/12/2007	
SW 846 8260B	Ethylbenzene	N/D	µg/Kg Dry	34	DB		01/12/2007	
SW 846 8260B	Xylene (Total)	N/D	µg/Kg Dry	101	DB		01/12/2007	
SW 846 8260B	1,3,5-Trimethylbenzene	N/D	µg/Kg Dry	34	DB		01/12/2007	
SW 846 8260B	1,2,4-Trimethylbenzene	N/D	µg/Kg Dry	34	DB		01/12/2007	
SW 846 8260B	1,2,3-Trimethylbenzene	N/D	µg/Kg Dry	34	DB		01/12/2007	

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Test Report
Order ID: 0701068
MAS Sample #: 070110017
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-6 (1-3)

Physical Description: Soil

Sample Date/Time: 01/09/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
	Total Metals:					01/12/2007		
SW 846 6010B	Arsenic	15000	µg/Kg Dry	117	MV		01/16/2007	
SW 846 6010B	Barium	110000	µg/Kg Dry	91	MV		01/16/2007	
SW 846 6010B	Cadmium	N/D	µg/Kg Dry	55	MV		01/16/2007	
SW 846 6010B	Chromium	22000	µg/Kg Dry	91	MV		01/16/2007	
SW 846 6010B	Copper	19000	µg/Kg Dry	91	MV		01/16/2007	
SW 846 6010B	Lead	18000	µg/Kg Dry	97	MV		01/16/2007	
SW 846 7471A	Mercury	110	µg/Kg Dry	24	MV		01/16/2007	
SW 846 6010B	Selenium	N/D	µg/Kg Dry	165	MV		01/16/2007	
SW 846 6010B	Silver	N/D	µg/Kg Dry	91	MV		01/16/2007	
SW 846 6010B	Zinc	61000	µg/Kg Dry	91	MV		01/16/2007	
SW 846 8270C	Polynuclear Aromatic Hydrocarbons:				DC	01/11/2007	01/12/2007	
SW 846 8270C	Acenaphthene	N/D	µg/Kg Dry	244	DC		01/12/2007	
SW 846 8270C	Acenaphthylene	N/D	µg/Kg Dry	244	DC		01/12/2007	
SW 846 8270C	Anthracene	N/D	µg/Kg Dry	244	DC		01/12/2007	
SW 846 8270C	Benzo(a)anthracene	830	µg/Kg Dry	244	DC		01/12/2007	
SW 846 8270C	Benzo(b)fluoranthene	1400	µg/Kg Dry	244	DC		01/12/2007	
SW 846 8270C	Benzo(k)fluoranthene	510	µg/Kg Dry	244	DC		01/12/2007	
SW 846 8270C	Benzo(g,h,i)perylene	730	µg/Kg Dry	244	DC		01/12/2007	
SW 846 8270C	Benzo [a]pyrene	1200	µg/Kg Dry	244	DC		01/12/2007	
SW 846 8270C	beta-Chloronaphthalene	N/D	µg/Kg Dry	244	DC		01/12/2007	
SW 846 8270C	Chrysene	770	µg/Kg Dry	244	DC		01/12/2007	
SW 846 8270C	Dibenz(a,h)anthracene	N/D	µg/Kg Dry	244	DC		01/12/2007	
SW 846 8270C	Fluoranthene	1500	µg/Kg Dry	244	DC		01/12/2007	
SW 846 8270C	Fluorene	N/D	µg/Kg Dry	244	DC		01/12/2007	
SW 846 8270C	Indeno(1,2,3-cd)pyrene	620	µg/Kg Dry	244	DC		01/12/2007	
SW 846 8270C	2-Methylnaphthalene	N/D	µg/Kg Dry	244	DC		01/12/2007	
SW 846 8270C	Naphthalene	N/D	µg/Kg Dry	244	DC		01/12/2007	
SW 846 8270C	Phenanthrene	460	µg/Kg Dry	244	DC		01/12/2007	
SW 846 8270C	Pyrene	1500	µg/Kg Dry	244	DC		01/12/2007	
SW 846 8260B	Volatile Organic Compounds:				DB	01/11/2007	01/12/2007	
SW 846 8260B	Acetone	N/D	µg/Kg Dry	275	DB		01/12/2007	

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607 Shelby St
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Test Report
Order ID: 0701068
MAS Sample #: 070110017
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-6 (1-3)

Physical Description: Soil

Sample Date/Time: 01/09/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8260B	Acetonitrile	N/D	µg/Kg Dry	275	DB		01/12/2007	
SW 846 8260B	Acrolein	N/D	µg/Kg Dry	138	DB		01/12/2007	
SW 846 8260B	Acrylonitrile	N/D	µg/Kg Dry	275	DB		01/12/2007	
SW 846 8260B	Benzene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Bromobenzene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Bromochloromethane	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Bromodichloromethane	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Bromoform	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Bromomethane	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Methyl Ethyl Ketone	N/D	µg/Kg Dry	275	DB		01/12/2007	
SW 846 8260B	N-butylbenzene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Sec-butylbenzene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Tert-butylbenzene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Carbon Disulfide	N/D	µg/Kg Dry	275	DB		01/12/2007	
SW 846 8260B	Carbon Tetrachloride	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Chlorobenzene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Chloroethane	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	2-Chloroethyl Vinyl Ether	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Chloroform	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Chloromethane	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	2-Chlorotoluene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	4-Chlorotoluene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	4-Isopropyltoluene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Isopropylbenzene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	1,2-Dibromo-3-chloropropane	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Dibromochloromethane	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Dibromomethane	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	1,2-Dichlorobenzene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	1,3-Dichlorobenzene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	1,4-Dichlorobenzene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Dichlorodifluoromethane	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	1,1-Dichloroethane	N/D	µg/Kg Dry	28	DB		01/12/2007	

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607 Shelby St
Detroit, MI 48226-3268

Test Report
Order ID: 0701068
MAS Sample #: 070110017
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-6 (1-3)

Physical Description: Soil

Sample Date/Time: 01/09/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8260B	1,2-Dichloroethane	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	1,1-Dichloropropene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Cis-1,2-dichloroethene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Trans-1,2-dichloroethene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	1,2-Dichloropropane	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	1,3-Dichloropropane	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	2,2-Dichloropropane	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	1,1-Dichloroethene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Cis-1,3-dichloropropene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Trans-1,3-dichloropropene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	1,2-Dibromoethane	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Ethylbenzene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	2-Methylnaphthalene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Methyl T-Butyl Ether	N/D	µg/Kg Dry	275	DB		01/12/2007	
SW 846 8260B	Methylene Chloride	N/D	µg/Kg Dry	138	DB		01/12/2007	
SW 846 8260B	n-Propyl Benzene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	2-Hexanone	N/D	µg/Kg Dry	275	DB		01/12/2007	
SW 846 8260B	Methyl Isobutyl Ketone	N/D	µg/Kg Dry	275	DB		01/12/2007	
SW 846 8260B	Styrene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Naphthalene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	1,1,1,2-Tetrachloroethane	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	1,1,2,2-Tetrachloroethane	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Tetrachloroethene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Toluene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	1,2,3-Trichlorobenzene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	1,2,4-Trichlorobenzene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	1,1,1-Trichloroethane	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	1,1,2-Trichloroethane	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Trichloroethene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Trichlorofluoromethane	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	1,2,3-Trichloropropane	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	1,2,3-Trimethylbenzene	N/D	µg/Kg Dry	28	DB		01/12/2007	

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Test Report
Order ID: 0701068
MAS Sample #: 070110017
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-6 (1-3)

Physical Description: Soil

Sample Date/Time: 01/09/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8260B	1,2,4-Trimethylbenzene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	1,3,5-Trimethylbenzene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Vinyl Acetate	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Vinyl Chloride	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Xylene (Total)	N/D	µg/Kg Dry	83	DB		01/12/2007	

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Test Report
Order ID: 0701068
MAS Sample #: 070110018
Date Completed: 01/17/2007

Project ID: 5324D-2-20
Sample Identification: B-6 (4-6)
Physical Description: Soil
Sample Date/Time: 01/09/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
	Total Metals:					01/12/2007		
SW 846 6010B	Arsenic	3700	µg/Kg Dry	123	MV		01/16/2007	
SW 846 6010B	Barium	55000	µg/Kg Dry	96	MV		01/16/2007	
SW 846 6010B	Cadmium	N/D	µg/Kg Dry	58	MV		01/16/2007	
SW 846 6010B	Chromium	19000	µg/Kg Dry	96	MV		01/16/2007	
SW 846 6010B	Copper	14000	µg/Kg Dry	96	MV		01/16/2007	
SW 846 6010B	Lead	16000	µg/Kg Dry	102	MV		01/16/2007	
SW 846 7471A	Mercury	120	µg/Kg Dry	26	MV		01/16/2007	
SW 846 6010B	Selenium	N/D	µg/Kg Dry	173	MV		01/16/2007	
SW 846 6010B	Silver	N/D	µg/Kg Dry	96	MV		01/16/2007	
SW 846 6010B	Zinc	53000	µg/Kg Dry	96	MV		01/16/2007	
SW 846 8270C	Polynuclear Aromatic Hydrocarbons:				DC	01/11/2007	01/12/2007	SH
SW 846 8270C	Acenaphthene	N/D	µg/Kg Dry	256	DC		01/12/2007	
SW 846 8270C	Acenaphthylene	N/D	µg/Kg Dry	256	DC		01/12/2007	
SW 846 8270C	Anthracene	N/D	µg/Kg Dry	256	DC		01/12/2007	
SW 846 8270C	Benzo(a)anthracene	N/D	µg/Kg Dry	256	DC		01/12/2007	
SW 846 8270C	Benzo(b)fluoranthene	N/D	µg/Kg Dry	256	DC		01/12/2007	
SW 846 8270C	Benzo(k)fluoranthene	N/D	µg/Kg Dry	256	DC		01/12/2007	
SW 846 8270C	Benzo(g,h,i)perylene	N/D	µg/Kg Dry	256	DC		01/12/2007	
SW 846 8270C	Benzo [a]pyrene	N/D	µg/Kg Dry	256	DC		01/12/2007	
SW 846 8270C	beta-Chloronaphthalene	N/D	µg/Kg Dry	256	DC		01/12/2007	
SW 846 8270C	Chrysene	N/D	µg/Kg Dry	256	DC		01/12/2007	
SW 846 8270C	Dibenz(a,h)anthracene	N/D	µg/Kg Dry	256	DC		01/12/2007	
SW 846 8270C	Fluoranthene	N/D	µg/Kg Dry	256	DC		01/12/2007	
SW 846 8270C	Fluorene	N/D	µg/Kg Dry	256	DC		01/12/2007	
SW 846 8270C	Indeno(1,2,3-cd)pyrene	N/D	µg/Kg Dry	256	DC		01/12/2007	
SW 846 8270C	2-Methylnaphthalene	N/D	µg/Kg Dry	256	DC		01/12/2007	
SW 846 8270C	Naphthalene	N/D	µg/Kg Dry	256	DC		01/12/2007	
SW 846 8270C	Phenanthrene	N/D	µg/Kg Dry	256	DC		01/12/2007	
SW 846 8270C	Pyrene	N/D	µg/Kg Dry	256	DC		01/12/2007	
SW 846 8260B	Volatile Organic Compounds:				DB	01/11/2007	01/12/2007	
SW 846 8260B	Acetone	N/D	µg/Kg Dry	272	DB		01/12/2007	

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AKT Peerless Environmental Services
607 Shelby St
Detroit, MI 48226-3268

Test Report
Order ID: 0701068
MAS Sample #: 070110018
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-6 (4-6)

Physical Description: Soil

Sample Date/Time: 01/09/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8260B	Acetonitrile	N/D	µg/Kg Dry	272	DB		01/12/2007	
SW 846 8260B	Acrolein	N/D	µg/Kg Dry	136	DB		01/12/2007	
SW 846 8260B	Acrylonitrile	N/D	µg/Kg Dry	272	DB		01/12/2007	
SW 846 8260B	Benzene	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	Bromobenzene	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	Bromochloromethane	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	Bromodichloromethane	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	Bromoform	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	Bromomethane	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	Methyl Ethyl Ketone	N/D	µg/Kg Dry	272	DB		01/12/2007	
SW 846 8260B	N-butylbenzene	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	Sec-butylbenzene	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	Tert-butylbenzene	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	Carbon Disulfide	N/D	µg/Kg Dry	272	DB		01/12/2007	
SW 846 8260B	Carbon Tetrachloride	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	Chlorobenzene	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	Chloroethane	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	2-Chloroethyl Vinyl Ether	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	Chloroform	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	Chloromethane	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	2-Chlorotoluene	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	4-Chlorotoluene	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	4-Isopropyltoluene	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	Isopropylbenzene	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	1,2-Dibromo-3-chloropropane	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	Dibromochloromethane	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	Dibromomethane	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	1,2-Dichlorobenzene	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	1,3-Dichlorobenzene	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	1,4-Dichlorobenzene	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	Dichlorodifluoromethane	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	1,1-Dichloroethane	N/D	µg/Kg Dry	27	DB		01/12/2007	

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AKT Peerless Environmental Services
607 Shelby St
Detroit, MI 48226-3268

Test Report
Order ID: 0701068
MAS Sample #: 070110018
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-6 (4-6)

Physical Description: Soil

Sample Date/Time: 01/09/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8260B	1,2-Dichloroethane	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	1,1-Dichloropropene	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	Cis-1,2-dichloroethene	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	Trans-1,2-dichloroethene	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	1,2-Dichloropropane	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	1,3-Dichloropropane	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	2,2-Dichloropropane	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	1,1-Dichloroethene	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	Cis-1,3-dichloropropene	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	Trans-1,3-dichloropropene	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	1,2-Dibromoethane	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	Ethylbenzene	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	2-Methylnaphthalene	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	Methyl T-Butyl Ether	N/D	µg/Kg Dry	272	DB		01/12/2007	
SW 846 8260B	Methylene Chloride	N/D	µg/Kg Dry	136	DB		01/12/2007	
SW 846 8260B	n-Propyl Benzene	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	2-Hexanone	N/D	µg/Kg Dry	272	DB		01/12/2007	
SW 846 8260B	Methyl Isobutyl Ketone	N/D	µg/Kg Dry	272	DB		01/12/2007	
SW 846 8260B	Styrene	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	Naphthalene	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	1,1,1,2-Tetrachloroethane	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	1,1,2,2-Tetrachloroethane	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	Tetrachloroethene	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	Toluene	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	1,2,3-Trichlorobenzene	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	1,2,4-Trichlorobenzene	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	1,1,1-Trichloroethane	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	1,1,2-Trichloroethane	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	Trichloroethene	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	Trichlorofluoromethane	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	1,2,3-Trichloropropane	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	1,2,3-Trimethylbenzene	N/D	µg/Kg Dry	27	DB		01/12/2007	

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AKT Peerless Environmental Services
607 Shelby St
Detroit, MI 48226-3268

Test Report
Order ID: 0701068
MAS Sample #: 070110018
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-6 (4-6)

Physical Description: Soil

Sample Date/Time: 01/09/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8260B	1,2,4-Trimethylbenzene	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	1,3,5-Trimethylbenzene	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	Vinyl Acetate	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	Vinyl Chloride	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8260B	Xylene (Total)	N/D	µg/Kg Dry	82	DB		01/12/2007	

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Test Report
Order ID: 0701068
MAS Sample #: 070110019
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-7 (5-7)

Physical Description: Soil

Sample Date/Time: 01/09/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 6010B	Lead	180000	µg/Kg Dry	114	MV	01/12/2007	01/16/2007	
SW 846 8270C	Polynuclear Aromatic Hydrocarbons:				DC	01/11/2007	01/12/2007	
SW 846 8270C	Acenaphthene	N/D	µg/Kg Dry	286	DC		01/12/2007	
SW 846 8270C	Acenaphthylene	N/D	µg/Kg Dry	286	DC		01/12/2007	
SW 846 8270C	Anthracene	N/D	µg/Kg Dry	286	DC		01/12/2007	
SW 846 8270C	Benzo(a)anthracene	N/D	µg/Kg Dry	286	DC		01/12/2007	
SW 846 8270C	Benzo(b)fluoranthene	N/D	µg/Kg Dry	286	DC		01/12/2007	
SW 846 8270C	Benzo(k)fluoranthene	N/D	µg/Kg Dry	286	DC		01/12/2007	
SW 846 8270C	Benzo(g,h,i)perylene	N/D	µg/Kg Dry	286	DC		01/12/2007	
SW 846 8270C	Benzo [a]pyrene	N/D	µg/Kg Dry	286	DC		01/12/2007	
SW 846 8270C	beta-Chloronaphthalene	N/D	µg/Kg Dry	286	DC		01/12/2007	
SW 846 8270C	Chrysene	N/D	µg/Kg Dry	286	DC		01/12/2007	
SW 846 8270C	Dibenz(a,h)anthracene	N/D	µg/Kg Dry	286	DC		01/12/2007	
SW 846 8270C	Fluoranthene	N/D	µg/Kg Dry	286	DC		01/12/2007	
SW 846 8270C	Fluorene	N/D	µg/Kg Dry	286	DC		01/12/2007	
SW 846 8270C	Indeno(1,2,3-cd)pyrene	N/D	µg/Kg Dry	286	DC		01/12/2007	
SW 846 8270C	2-Methylnaphthalene	N/D	µg/Kg Dry	286	DC		01/12/2007	
SW 846 8270C	Naphthalene	N/D	µg/Kg Dry	286	DC		01/12/2007	
SW 846 8270C	Phenanthrene	N/D	µg/Kg Dry	286	DC		01/12/2007	
SW 846 8270C	Pyrene	N/D	µg/Kg Dry	286	DC		01/12/2007	
SW 846 8260B	Volatile Organic Compounds:				DB	01/11/2007	01/12/2007	
SW 846 8260B	Benzene	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	Toluene	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	Ethyl Benzene	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	Xylene (Total)	N/D	µg/Kg Dry	108	DB		01/12/2007	
SW 846 8260B	1,2,3-Trimethylbenzene	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	1,3,5-Trimethylbenzene	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	1,2,4-Trimethylbenzene	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	1,2-Dibromoethane	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	1,2-Dichloroethane	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	Naphthalene	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	2-Methylnaphthalene	N/D	µg/Kg Dry	180	DB		01/12/2007	

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607 Shelby St
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Test Report
Order ID: 0701068
MAS Sample #: 070110019
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-7 (5-7)

Physical Description: Soil

Sample Date/Time: 01/09/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8260B	Methyl Tert Butyl Ether	N/D	µg/Kg Dry	361	DB		01/12/2007	
SW 846 8260B	Isopropylbenzene	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	n-Propyl Benzene	N/D	µg/Kg Dry	36	DB		01/12/2007	

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Test Report
Order ID: 0701068
MAS Sample #: 070110020
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-7 (10-12)

Physical Description: Soil

Sample Date/Time: 01/09/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 6010B	Lead	6400	µg/Kg Dry	89	MV	01/12/2007	01/16/2007	
SW 846 8270C	Polynuclear Aromatic Hydrocarbons:				DC	01/12/2007	01/12/2007	
SW 846 8270C	Acenaphthene	N/D	µg/Kg Dry	225	DC		01/12/2007	
SW 846 8270C	Acenaphthylene	N/D	µg/Kg Dry	225	DC		01/12/2007	
SW 846 8270C	Anthracene	N/D	µg/Kg Dry	225	DC		01/12/2007	
SW 846 8270C	Benzo(a)anthracene	N/D	µg/Kg Dry	225	DC		01/12/2007	
SW 846 8270C	Benzo(b)fluoranthene	N/D	µg/Kg Dry	225	DC		01/12/2007	
SW 846 8270C	Benzo(k)fluoranthene	N/D	µg/Kg Dry	225	DC		01/12/2007	
SW 846 8270C	Benzo(g,h,i)perylene	N/D	µg/Kg Dry	225	DC		01/12/2007	
SW 846 8270C	Benzo [a]pyrene	N/D	µg/Kg Dry	225	DC		01/12/2007	
SW 846 8270C	beta-Chloronaphthalene	N/D	µg/Kg Dry	225	DC		01/12/2007	
SW 846 8270C	Chrysene	N/D	µg/Kg Dry	225	DC		01/12/2007	
SW 846 8270C	Dibenz(a,h)anthracene	N/D	µg/Kg Dry	225	DC		01/12/2007	
SW 846 8270C	Fluoranthene	N/D	µg/Kg Dry	225	DC		01/12/2007	
SW 846 8270C	Fluorene	N/D	µg/Kg Dry	225	DC		01/12/2007	
SW 846 8270C	Indeno(1,2,3-cd)pyrene	N/D	µg/Kg Dry	225	DC		01/12/2007	
SW 846 8270C	2-Methylnaphthalene	N/D	µg/Kg Dry	225	DC		01/12/2007	
SW 846 8270C	Naphthalene	N/D	µg/Kg Dry	225	DC		01/12/2007	
SW 846 8270C	Phenanthrene	N/D	µg/Kg Dry	225	DC		01/12/2007	
SW 846 8270C	Pyrene	N/D	µg/Kg Dry	225	DC		01/12/2007	
SW 846 8260B	Volatile Organic Compounds:				DB	01/11/2007	01/12/2007	
SW 846 8260B	Benzene	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	Toluene	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	Ethyl Benzene	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	Xylene (Total)	N/D	µg/Kg Dry	104	DB		01/12/2007	
SW 846 8260B	1,2,3-Trimethylbenzene	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	1,3,5-Trimethylbenzene	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	1,2,4-Trimethylbenzene	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	1,2-Dibromoethane	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	1,2-Dichloroethane	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	Naphthalene	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	2-Methylnaphthalene	N/D	µg/Kg Dry	173	DB		01/12/2007	

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607 Shelby St
Detroit, MI 48226-3268

Test Report
Order ID: 0701068
MAS Sample #: 070110020
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-7 (10-12)

Physical Description: Soil

Sample Date/Time: 01/09/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8260B	Methyl Tert Butyl Ether	N/D	µg/Kg Dry	346	DB		01/12/2007	
SW 846 8260B	Isopropylbenzene	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	n-Propyl Benzene	N/D	µg/Kg Dry	35	DB		01/12/2007	

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Detroit, MI 48226-3268

Test Report
Order ID: 0701068
MAS Sample #: 070110021
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-8 (0.5-1)

Physical Description: Soil

Sample Date/Time: 01/09/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
	Total Metals:					01/12/2007		
SW 846 6010B	Cadmium	N/D	µg/Kg Dry	54	MV		01/16/2007	
SW 846 6010B	Chromium	18000	µg/Kg Dry	89	MV		01/16/2007	
SW 846 6010B	Lead	440000	µg/Kg Dry	95	MV		01/16/2007	
SW 846 8082	PCB:				DB	01/11/2007	01/12/2007	
SW 846 8082	Aroclor - 1016	N/D	µg/Kg Dry	24	DB		01/12/2007	
SW 846 8082	Aroclor - 1221	N/D	µg/Kg Dry	24	DB		01/12/2007	
SW 846 8082	Aroclor - 1232	N/D	µg/Kg Dry	24	DB		01/12/2007	
SW 846 8082	Aroclor - 1242	N/D	µg/Kg Dry	24	DB		01/12/2007	
SW 846 8082	Aroclor - 1248	N/D	µg/Kg Dry	24	DB		01/12/2007	
SW 846 8082	Aroclor - 1254	N/D	µg/Kg Dry	24	DB		01/12/2007	
SW 846 8082	Aroclor - 1260	N/D	µg/Kg Dry	24	DB		01/12/2007	
SW 846 8082	Aroclor - 1262	N/D	µg/Kg Dry	24	DB		01/12/2007	
SW 846 8082	Aroclor - 1268	N/D	µg/Kg Dry	24	DB		01/12/2007	
SW 846 8270C	Polynuclear Aromatic Hydrocarbons:				DC	01/12/2007	01/12/2007	
SW 846 8270C	Acenaphthene	N/D	µg/Kg Dry	238	DC		01/12/2007	
SW 846 8270C	Acenaphthylene	N/D	µg/Kg Dry	238	DC		01/12/2007	
SW 846 8270C	Anthracene	N/D	µg/Kg Dry	238	DC		01/12/2007	
SW 846 8270C	Benzo(a)anthracene	660	µg/Kg Dry	238	DC		01/12/2007	
SW 846 8270C	Benzo(b)fluoranthene	990	µg/Kg Dry	238	DC		01/12/2007	
SW 846 8270C	Benzo(k)fluoranthene	350	µg/Kg Dry	238	DC		01/12/2007	
SW 846 8270C	Benzo(g,h,i)perylene	530	µg/Kg Dry	238	DC		01/12/2007	
SW 846 8270C	Benzo [a]pyrene	860	µg/Kg Dry	238	DC		01/12/2007	
SW 846 8270C	beta-Chloronaphthalene	N/D	µg/Kg Dry	238	DC		01/12/2007	
SW 846 8270C	Chrysene	640	µg/Kg Dry	238	DC		01/12/2007	
SW 846 8270C	Dibenz(a,h)anthracene	N/D	µg/Kg Dry	238	DC		01/12/2007	
SW 846 8270C	Fluoranthene	1300	µg/Kg Dry	238	DC		01/12/2007	
SW 846 8270C	Fluorene	N/D	µg/Kg Dry	238	DC		01/12/2007	
SW 846 8270C	Indeno(1,2,3-cd)pyrene	440	µg/Kg Dry	238	DC		01/12/2007	
SW 846 8270C	2-Methylnaphthalene	N/D	µg/Kg Dry	238	DC		01/12/2007	
SW 846 8270C	Naphthalene	N/D	µg/Kg Dry	238	DC		01/12/2007	
SW 846 8270C	Phenanthrene	620	µg/Kg Dry	238	DC		01/12/2007	

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AKT Peerless Environmental Services
607 Shelby St
Detroit, MI 48226-3268

Test Report
Order ID: 0701068
MAS Sample #: 070110021
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-8 (0.5-1)

Physical Description: Soil

Sample Date/Time: 01/09/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8270C	Pyrene	1200	µg/Kg Dry	238	DC		01/12/2007	
SW 846 8260B	Volatile Organic Compounds:				DB	01/11/2007	01/12/2007	
SW 846 8260B	Acetone	N/D	µg/Kg Dry	310	DB		01/12/2007	
SW 846 8260B	Acetonitrile	N/D	µg/Kg Dry	310	DB		01/12/2007	
SW 846 8260B	Acrolein	N/D	µg/Kg Dry	155	DB		01/12/2007	
SW 846 8260B	Acrylonitrile	N/D	µg/Kg Dry	310	DB		01/12/2007	
SW 846 8260B	Benzene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Bromobenzene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Bromochloromethane	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Bromodichloromethane	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Bromoform	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Bromomethane	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Methyl Ethyl Ketone	N/D	µg/Kg Dry	310	DB		01/12/2007	
SW 846 8260B	N-butylbenzene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Sec-butylbenzene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Tert-butylbenzene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Carbon Disulfide	N/D	µg/Kg Dry	310	DB		01/12/2007	
SW 846 8260B	Carbon Tetrachloride	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Chlorobenzene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Chloroethane	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	2-Chloroethyl Vinyl Ether	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Chloroform	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Chloromethane	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	2-Chlorotoluene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	4-Chlorotoluene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	4-Isopropyltoluene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Isopropylbenzene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	1,2-Dibromo-3-chloropropane	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Dibromochloromethane	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Dibromomethane	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	1,2-Dichlorobenzene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	1,3-Dichlorobenzene	N/D	µg/Kg Dry	31	DB		01/12/2007	

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AKT Peerless Environmental Services
607 Shelby St
Detroit, MI 48226-3268

Test Report
Order ID: 0701068
MAS Sample #: 070110021
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-8 (0.5-1)

Physical Description: Soil

Sample Date/Time: 01/09/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8260B	1,4-Dichlorobenzene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Dichlorodifluoromethane	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	1,1-Dichloroethane	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	1,2-Dichloroethane	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	1,1-Dichloropropene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Cis-1,2-dichloroethene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Trans-1,2-dichloroethene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	1,2-Dichloropropane	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	1,3-Dichloropropane	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	2,2-Dichloropropane	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	1,1-Dichloroethene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Cis-1,3-dichloropropene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Trans-1,3-dichloropropene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	1,2-Dibromoethane	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Ethylbenzene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	2-Methylnaphthalene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Methyl T-Butyl Ether	N/D	µg/Kg Dry	310	DB		01/12/2007	
SW 846 8260B	Methylene Chloride	N/D	µg/Kg Dry	155	DB		01/12/2007	
SW 846 8260B	n-Propyl Benzene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	2-Hexanone	N/D	µg/Kg Dry	310	DB		01/12/2007	
SW 846 8260B	Methyl Isobutyl Ketone	N/D	µg/Kg Dry	310	DB		01/12/2007	
SW 846 8260B	Styrene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Naphthalene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	1,1,1,2-Tetrachloroethane	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	1,1,2,2-Tetrachloroethane	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Tetrachloroethene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Toluene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	1,2,3-Trichlorobenzene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	1,2,4-Trichlorobenzene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	1,1,1-Trichloroethane	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	1,1,2-Trichloroethane	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Trichloroethene	N/D	µg/Kg Dry	31	DB		01/12/2007	

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AKT Peerless Environmental Services
607 Shelby St
Detroit, MI 48226-3268

Test Report
Order ID: 0701068
MAS Sample #: 070110021
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-8 (0.5-1)

Physical Description: Soil

Sample Date/Time: 01/09/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8260B	Trichlorofluoromethane	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	1,2,3-Trichloropropane	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	1,2,3-Trimethylbenzene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	1,2,4-Trimethylbenzene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	1,3,5-Trimethylbenzene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Vinyl Acetate	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Vinyl Chloride	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Xylene (Total)	N/D	µg/Kg Dry	93	DB		01/12/2007	

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AKT Peerless Environmental Services
607 Shelby St
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Test Report
Order ID: 0701068
MAS Sample #: 070110022
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-8 (4-6)

Physical Description: Soil

Sample Date/Time: 01/09/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
	Total Metals:					01/12/2007		
SW 846 6010B	Cadmium	200	µg/Kg Dry	76	MV		01/16/2007	
SW 846 6010B	Chromium	18000	µg/Kg Dry	127	MV		01/16/2007	
SW 846 6010B	Lead	76000	µg/Kg Dry	135	MV		01/16/2007	
SW 846 8082	PCB:				DB	01/11/2007	01/12/2007	
SW 846 8082	Aroclor - 1016	N/D	µg/Kg Dry	34	DB		01/12/2007	
SW 846 8082	Aroclor - 1221	N/D	µg/Kg Dry	34	DB		01/12/2007	
SW 846 8082	Aroclor - 1232	N/D	µg/Kg Dry	34	DB		01/12/2007	
SW 846 8082	Aroclor - 1242	N/D	µg/Kg Dry	34	DB		01/12/2007	
SW 846 8082	Aroclor - 1248	N/D	µg/Kg Dry	34	DB		01/12/2007	
SW 846 8082	Aroclor - 1254	N/D	µg/Kg Dry	34	DB		01/12/2007	
SW 846 8082	Aroclor - 1260	N/D	µg/Kg Dry	34	DB		01/12/2007	
SW 846 8082	Aroclor - 1262	N/D	µg/Kg Dry	34	DB		01/12/2007	
SW 846 8082	Aroclor - 1268	N/D	µg/Kg Dry	34	DB		01/12/2007	
SW 846 8270C	Polynuclear Aromatic Hydrocarbons:				DC	01/12/2007	01/12/2007	HM
SW 846 8270C	Acenaphthene	N/D	µg/Kg Dry	339	DC		01/12/2007	
SW 846 8270C	Acenaphthylene	N/D	µg/Kg Dry	339	DC		01/12/2007	
SW 846 8270C	Anthracene	N/D	µg/Kg Dry	339	DC		01/12/2007	
SW 846 8270C	Benzo(a)anthracene	N/D	µg/Kg Dry	339	DC		01/12/2007	
SW 846 8270C	Benzo(b)fluoranthene	N/D	µg/Kg Dry	339	DC		01/12/2007	
SW 846 8270C	Benzo(k)fluoranthene	N/D	µg/Kg Dry	339	DC		01/12/2007	
SW 846 8270C	Benzo(g,h,i)perylene	N/D	µg/Kg Dry	339	DC		01/12/2007	
SW 846 8270C	Benzo [a]pyrene	N/D	µg/Kg Dry	339	DC		01/12/2007	
SW 846 8270C	beta-Chloronaphthalene	N/D	µg/Kg Dry	339	DC		01/12/2007	
SW 846 8270C	Chrysene	N/D	µg/Kg Dry	339	DC		01/12/2007	
SW 846 8270C	Dibenz(a,h)anthracene	N/D	µg/Kg Dry	339	DC		01/12/2007	
SW 846 8270C	Fluoranthene	N/D	µg/Kg Dry	339	DC		01/12/2007	
SW 846 8270C	Fluorene	N/D	µg/Kg Dry	339	DC		01/12/2007	
SW 846 8270C	Indeno(1,2,3-cd)pyrene	N/D	µg/Kg Dry	339	DC		01/12/2007	
SW 846 8270C	2-Methylnaphthalene	N/D	µg/Kg Dry	339	DC		01/12/2007	
SW 846 8270C	Naphthalene	N/D	µg/Kg Dry	339	DC		01/12/2007	
SW 846 8270C	Phenanthrene	N/D	µg/Kg Dry	339	DC		01/12/2007	

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AKT Peerless Environmental Services
607 Shelby St
Detroit, MI 48226-3268

Test Report
Order ID: 0701068
MAS Sample #: 070110022
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-8 (4-6)

Physical Description: Soil

Sample Date/Time: 01/09/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8270C	Pyrene	N/D	µg/Kg Dry	339	DC		01/12/2007	
SW 846 8260B	Volatile Organic Compounds:				DB	01/11/2007	01/12/2007	
SW 846 8260B	Acetone	N/D	µg/Kg Dry	432	DB		01/12/2007	
SW 846 8260B	Acetonitrile	N/D	µg/Kg Dry	432	DB		01/12/2007	
SW 846 8260B	Acrolein	N/D	µg/Kg Dry	216	DB		01/12/2007	
SW 846 8260B	Acrylonitrile	N/D	µg/Kg Dry	432	DB		01/12/2007	
SW 846 8260B	Benzene	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	Bromobenzene	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	Bromochloromethane	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	Bromodichloromethane	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	Bromoform	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	Bromomethane	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	Methyl Ethyl Ketone	N/D	µg/Kg Dry	432	DB		01/12/2007	
SW 846 8260B	N-butylbenzene	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	Sec-butylbenzene	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	Tert-butylbenzene	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	Carbon Disulfide	N/D	µg/Kg Dry	432	DB		01/12/2007	
SW 846 8260B	Carbon Tetrachloride	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	Chlorobenzene	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	Chloroethane	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	2-Chloroethyl Vinyl Ether	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	Chloroform	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	Chloromethane	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	2-Chlorotoluene	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	4-Chlorotoluene	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	4-Isopropyltoluene	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	Isopropylbenzene	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	1,2-Dibromo-3-chloropropane	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	Dibromochloromethane	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	Dibromomethane	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	1,2-Dichlorobenzene	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	1,3-Dichlorobenzene	N/D	µg/Kg Dry	43	DB		01/12/2007	

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Detroit, MI 48226-3268

Test Report
Order ID: 0701068
MAS Sample #: 070110022
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-8 (4-6)

Physical Description: Soil

Sample Date/Time: 01/09/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8260B	1,4-Dichlorobenzene	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	Dichlorodifluoromethane	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	1,1-Dichloroethane	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	1,2-Dichloroethane	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	1,1-Dichloropropene	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	Cis-1,2-dichloroethene	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	Trans-1,2-dichloroethene	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	1,2-Dichloropropane	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	1,3-Dichloropropane	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	2,2-Dichloropropane	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	1,1-Dichloroethene	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	Cis-1,3-dichloropropene	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	Trans-1,3-dichloropropene	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	1,2-Dibromoethane	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	Ethylbenzene	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	2-Methylnaphthalene	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	Methyl T-Butyl Ether	N/D	µg/Kg Dry	432	DB		01/12/2007	
SW 846 8260B	Methylene Chloride	N/D	µg/Kg Dry	216	DB		01/12/2007	
SW 846 8260B	n-Propyl Benzene	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	2-Hexanone	N/D	µg/Kg Dry	432	DB		01/12/2007	
SW 846 8260B	Methyl Isobutyl Ketone	N/D	µg/Kg Dry	432	DB		01/12/2007	
SW 846 8260B	Styrene	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	Naphthalene	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	1,1,1,2-Tetrachloroethane	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	1,1,2,2-Tetrachloroethane	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	Tetrachloroethene	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	Toluene	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	1,2,3-Trichlorobenzene	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	1,2,4-Trichlorobenzene	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	1,1,1-Trichloroethane	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	1,1,2-Trichloroethane	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	Trichloroethene	N/D	µg/Kg Dry	43	DB		01/12/2007	

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AKT Peerless Environmental Services
607 Shelby St
Detroit, MI 48226-3268

Test Report
Order ID: 0701068
MAS Sample #: 070110022
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-8 (4-6)

Physical Description: Soil

Sample Date/Time: 01/09/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8260B	Trichlorofluoromethane	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	1,2,3-Trichloropropane	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	1,2,3-Trimethylbenzene	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	1,2,4-Trimethylbenzene	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	1,3,5-Trimethylbenzene	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	Vinyl Acetate	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	Vinyl Chloride	N/D	µg/Kg Dry	43	DB		01/12/2007	
SW 846 8260B	Xylene (Total)	N/D	µg/Kg Dry	130	DB		01/12/2007	

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AKT Peerless Environmental Services
607 Shelby St
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Test Report
Order ID: 0701068
MAS Sample #: 070110023
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-9 (0.5-1)

Physical Description: Soil

Sample Date/Time: 01/09/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
	Total Metals:					01/12/2007		
SW 846 6010B	Cadmium	210	µg/Kg Dry	57	MV		01/16/2007	
SW 846 6010B	Chromium	22000	µg/Kg Dry	95	MV		01/16/2007	
SW 846 6010B	Lead	9000000	µg/Kg Dry	101	MV		01/16/2007	
SW 846 8082	PCB:				DB	01/11/2007	01/12/2007	
SW 846 8082	Aroclor - 1016	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8082	Aroclor - 1221	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8082	Aroclor - 1232	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8082	Aroclor - 1242	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8082	Aroclor - 1248	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8082	Aroclor - 1254	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8082	Aroclor - 1260	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8082	Aroclor - 1262	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8082	Aroclor - 1268	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8270C	Polynuclear Aromatic Hydrocarbons:				DC	01/12/2007	01/12/2007	
SW 846 8270C	Acenaphthene	N/D	µg/Kg Dry	253	DC		01/12/2007	
SW 846 8270C	Acenaphthylene	N/D	µg/Kg Dry	253	DC		01/12/2007	
SW 846 8270C	Anthracene	N/D	µg/Kg Dry	253	DC		01/12/2007	
SW 846 8270C	Benzo(a)anthracene	270	µg/Kg Dry	253	DC		01/12/2007	
SW 846 8270C	Benzo(b)fluoranthene	350	µg/Kg Dry	253	DC		01/12/2007	
SW 846 8270C	Benzo(k)fluoranthene	N/D	µg/Kg Dry	253	DC		01/12/2007	
SW 846 8270C	Benzo(g,h,i)perylene	N/D	µg/Kg Dry	253	DC		01/12/2007	
SW 846 8270C	Benzo [a]pyrene	290	µg/Kg Dry	253	DC		01/12/2007	
SW 846 8270C	beta-Chloronaphthalene	N/D	µg/Kg Dry	253	DC		01/12/2007	
SW 846 8270C	Chrysene	N/D	µg/Kg Dry	253	DC		01/12/2007	
SW 846 8270C	Dibenz(a,h)anthracene	N/D	µg/Kg Dry	253	DC		01/12/2007	
SW 846 8270C	Fluoranthene	460	µg/Kg Dry	253	DC		01/12/2007	
SW 846 8270C	Fluorene	N/D	µg/Kg Dry	253	DC		01/12/2007	
SW 846 8270C	Indeno(1,2,3-cd)pyrene	N/D	µg/Kg Dry	253	DC		01/12/2007	
SW 846 8270C	2-Methylnaphthalene	N/D	µg/Kg Dry	253	DC		01/12/2007	
SW 846 8270C	Naphthalene	N/D	µg/Kg Dry	253	DC		01/12/2007	
SW 846 8270C	Phenanthrene	N/D	µg/Kg Dry	253	DC		01/12/2007	

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AKT Peerless Environmental Services
607 Shelby St
Detroit, MI 48226-3268

Test Report
Order ID: 0701068
MAS Sample #: 070110023
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-9 (0.5-1)

Physical Description: Soil

Sample Date/Time: 01/09/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8270C	Pyrene	430	µg/Kg Dry	253	DC		01/12/2007	
SW 846 8260B	Volatile Organic Compounds:				DB	01/12/2006	01/12/2007	
SW 846 8260B	Acetone	N/D	µg/Kg Dry	362	DB		01/12/2007	
SW 846 8260B	Acetonitrile	N/D	µg/Kg Dry	362	DB		01/12/2007	
SW 846 8260B	Acrolein	N/D	µg/Kg Dry	181	DB		01/12/2007	
SW 846 8260B	Acrylonitrile	N/D	µg/Kg Dry	362	DB		01/12/2007	
SW 846 8260B	Benzene	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	Bromobenzene	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	Bromochloromethane	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	Bromodichloromethane	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	Bromoform	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	Bromomethane	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	Methyl Ethyl Ketone	N/D	µg/Kg Dry	362	DB		01/12/2007	
SW 846 8260B	N-butylbenzene	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	Sec-butylbenzene	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	Tert-butylbenzene	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	Carbon Disulfide	N/D	µg/Kg Dry	362	DB		01/12/2007	
SW 846 8260B	Carbon Tetrachloride	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	Chlorobenzene	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	Chloroethane	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	2-Chloroethyl Vinyl Ether	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	Chloroform	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	Chloromethane	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	2-Chlorotoluene	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	4-Chlorotoluene	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	4-Isopropyltoluene	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	Isopropylbenzene	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	1,2-Dibromo-3-chloropropane	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	Dibromochloromethane	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	Dibromomethane	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	1,2-Dichlorobenzene	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	1,3-Dichlorobenzene	N/D	µg/Kg Dry	36	DB		01/12/2007	

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AKT Peerless Environmental Services
607 Shelby St
Detroit, MI 48226-3268

Test Report
Order ID: 0701068
MAS Sample #: 070110023
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-9 (0.5-1)

Physical Description: Soil

Sample Date/Time: 01/09/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8260B	1,4-Dichlorobenzene	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	Dichlorodifluoromethane	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	1,1-Dichloroethane	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	1,2-Dichloroethane	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	1,1-Dichloropropene	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	Cis-1,2-dichloroethene	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	Trans-1,2-dichloroethene	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	1,2-Dichloropropane	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	1,3-Dichloropropane	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	2,2-Dichloropropane	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	1,1-Dichloroethene	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	Cis-1,3-dichloropropene	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	Trans-1,3-dichloropropene	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	1,2-Dibromoethane	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	Ethylbenzene	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	2-Methylnaphthalene	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	Methyl T-Butyl Ether	N/D	µg/Kg Dry	362	DB		01/12/2007	
SW 846 8260B	Methylene Chloride	N/D	µg/Kg Dry	181	DB		01/12/2007	
SW 846 8260B	n-Propyl Benzene	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	2-Hexanone	N/D	µg/Kg Dry	362	DB		01/12/2007	
SW 846 8260B	Methyl Isobutyl Ketone	N/D	µg/Kg Dry	362	DB		01/12/2007	
SW 846 8260B	Styrene	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	Naphthalene	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	1,1,1,2-Tetrachloroethane	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	1,1,2,2-Tetrachloroethane	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	Tetrachloroethene	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	Toluene	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	1,2,3-Trichlorobenzene	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	1,2,4-Trichlorobenzene	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	1,1,1-Trichloroethane	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	1,1,2-Trichloroethane	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	Trichloroethene	N/D	µg/Kg Dry	36	DB		01/12/2007	

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AKT Peerless Environmental Services
607 Shelby St
Detroit, MI 48226-3268

Test Report
Order ID: 0701068
MAS Sample #: 070110023
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-9 (0.5-1)

Physical Description: Soil

Sample Date/Time: 01/09/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8260B	Trichlorofluoromethane	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	1,2,3-Trichloropropane	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	1,2,3-Trimethylbenzene	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	1,2,4-Trimethylbenzene	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	1,3,5-Trimethylbenzene	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	Vinyl Acetate	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	Vinyl Chloride	N/D	µg/Kg Dry	36	DB		01/12/2007	
SW 846 8260B	Xylene (Total)	N/D	µg/Kg Dry	108	DB		01/12/2007	

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AKT Peerless Environmental Services
607 Shelby St
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Test Report
Order ID: 0701068
MAS Sample #: 070110024
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-9 (4-6)

Physical Description: Soil

Sample Date/Time: 01/09/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
	Total Metals:					01/12/2007		
SW 846 6010B	Cadmium	N/D	µg/Kg Dry	60	MV		01/16/2007	
SW 846 6010B	Chromium	33000	µg/Kg Dry	100	MV		01/16/2007	
SW 846 6010B	Lead	17000	µg/Kg Dry	106	MV		01/16/2007	
SW 846 8082	PCB:				DB	01/11/2007	01/12/2007	
SW 846 8082	Aroclor - 1016	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8082	Aroclor - 1221	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8082	Aroclor - 1232	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8082	Aroclor - 1242	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8082	Aroclor - 1248	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8082	Aroclor - 1254	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8082	Aroclor - 1260	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8082	Aroclor - 1262	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8082	Aroclor - 1268	N/D	µg/Kg Dry	27	DB		01/12/2007	
SW 846 8270C	Polynuclear Aromatic Hydrocarbons:				DC	01/12/2007	01/13/2007	SH
SW 846 8270C	Acenaphthene	N/D	µg/Kg Dry	267	DC		01/13/2007	
SW 846 8270C	Acenaphthylene	N/D	µg/Kg Dry	267	DC		01/13/2007	
SW 846 8270C	Anthracene	N/D	µg/Kg Dry	267	DC		01/13/2007	
SW 846 8270C	Benzo(a)anthracene	N/D	µg/Kg Dry	267	DC		01/13/2007	
SW 846 8270C	Benzo(b)fluoranthene	N/D	µg/Kg Dry	267	DC		01/13/2007	
SW 846 8270C	Benzo(k)fluoranthene	N/D	µg/Kg Dry	267	DC		01/13/2007	
SW 846 8270C	Benzo(g,h,i)perylene	N/D	µg/Kg Dry	267	DC		01/13/2007	
SW 846 8270C	Benzo [a]pyrene	N/D	µg/Kg Dry	267	DC		01/13/2007	
SW 846 8270C	beta-Chloronaphthalene	N/D	µg/Kg Dry	267	DC		01/13/2007	
SW 846 8270C	Chrysene	N/D	µg/Kg Dry	267	DC		01/13/2007	
SW 846 8270C	Dibenz(a,h)anthracene	N/D	µg/Kg Dry	267	DC		01/13/2007	
SW 846 8270C	Fluoranthene	N/D	µg/Kg Dry	267	DC		01/13/2007	
SW 846 8270C	Fluorene	N/D	µg/Kg Dry	267	DC		01/13/2007	
SW 846 8270C	Indeno(1,2,3-cd)pyrene	N/D	µg/Kg Dry	267	DC		01/13/2007	
SW 846 8270C	2-Methylnaphthalene	N/D	µg/Kg Dry	267	DC		01/13/2007	
SW 846 8270C	Naphthalene	N/D	µg/Kg Dry	267	DC		01/13/2007	
SW 846 8270C	Phenanthrene	N/D	µg/Kg Dry	267	DC		01/13/2007	

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AKT Peerless Environmental Services
607 Shelby St
Detroit, MI 48226-3268

Test Report
Order ID: 0701068
MAS Sample #: 070110024
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-9 (4-6)

Physical Description: Soil

Sample Date/Time: 01/09/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8270C	Pyrene	N/D	µg/Kg Dry	267	DC		01/13/2007	
SW 846 8260B	Volatile Organic Compounds:				DB	01/12/2006	01/12/2007	
SW 846 8260B	Acetone	N/D	µg/Kg Dry	347	DB		01/12/2007	
SW 846 8260B	Acetonitrile	N/D	µg/Kg Dry	347	DB		01/12/2007	
SW 846 8260B	Acrolein	N/D	µg/Kg Dry	173	DB		01/12/2007	
SW 846 8260B	Acrylonitrile	N/D	µg/Kg Dry	347	DB		01/12/2007	
SW 846 8260B	Benzene	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	Bromobenzene	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	Bromochloromethane	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	Bromodichloromethane	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	Bromoform	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	Bromomethane	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	Methyl Ethyl Ketone	N/D	µg/Kg Dry	347	DB		01/12/2007	
SW 846 8260B	N-butylbenzene	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	Sec-butylbenzene	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	Tert-butylbenzene	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	Carbon Disulfide	N/D	µg/Kg Dry	347	DB		01/12/2007	
SW 846 8260B	Carbon Tetrachloride	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	Chlorobenzene	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	Chloroethane	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	2-Chloroethyl Vinyl Ether	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	Chloroform	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	Chloromethane	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	2-Chlorotoluene	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	4-Chlorotoluene	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	4-Isopropyltoluene	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	Isopropylbenzene	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	1,2-Dibromo-3-chloropropane	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	Dibromochloromethane	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	Dibromomethane	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	1,2-Dichlorobenzene	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	1,3-Dichlorobenzene	N/D	µg/Kg Dry	35	DB		01/12/2007	

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AKT Peerless Environmental Services
607 Shelby St
Detroit, MI 48226-3268

Test Report
Order ID: 0701068
MAS Sample #: 070110024
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-9 (4-6)

Physical Description: Soil

Sample Date/Time: 01/09/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8260B	1,4-Dichlorobenzene	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	Dichlorodifluoromethane	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	1,1-Dichloroethane	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	1,2-Dichloroethane	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	1,1-Dichloropropene	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	Cis-1,2-dichloroethene	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	Trans-1,2-dichloroethene	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	1,2-Dichloropropane	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	1,3-Dichloropropane	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	2,2-Dichloropropane	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	1,1-Dichloroethene	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	Cis-1,3-dichloropropene	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	Trans-1,3-dichloropropene	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	1,2-Dibromoethane	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	Ethylbenzene	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	2-Methylnaphthalene	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	Methyl T-Butyl Ether	N/D	µg/Kg Dry	347	DB		01/12/2007	
SW 846 8260B	Methylene Chloride	N/D	µg/Kg Dry	173	DB		01/12/2007	
SW 846 8260B	n-Propyl Benzene	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	2-Hexanone	N/D	µg/Kg Dry	347	DB		01/12/2007	
SW 846 8260B	Methyl Isobutyl Ketone	N/D	µg/Kg Dry	347	DB		01/12/2007	
SW 846 8260B	Styrene	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	Naphthalene	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	1,1,1,2-Tetrachloroethane	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	1,1,2,2-Tetrachloroethane	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	Tetrachloroethene	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	Toluene	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	1,2,3-Trichlorobenzene	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	1,2,4-Trichlorobenzene	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	1,1,1-Trichloroethane	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	1,1,2-Trichloroethane	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	Trichloroethene	N/D	µg/Kg Dry	35	DB		01/12/2007	

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AKT Peerless Environmental Services
607 Shelby St
Detroit, MI 48226-3268

Test Report
Order ID: 0701068
MAS Sample #: 070110024
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-9 (4-6)

Physical Description: Soil

Sample Date/Time: 01/09/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8260B	Trichlorofluoromethane	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	1,2,3-Trichloropropane	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	1,2,3-Trimethylbenzene	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	1,2,4-Trimethylbenzene	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	1,3,5-Trimethylbenzene	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	Vinyl Acetate	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	Vinyl Chloride	N/D	µg/Kg Dry	35	DB		01/12/2007	
SW 846 8260B	Xylene (Total)	N/D	µg/Kg Dry	104	DB		01/12/2007	

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Test Report
Order ID: 0701068
MAS Sample #: 070110025
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-9 (6-8)

Physical Description: Soil

Sample Date/Time: 01/09/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
	Total Metals:					01/12/2007		
SW 846 6010B	Cadmium	N/D	µg/Kg Dry	52	MV		01/16/2007	
SW 846 6010B	Chromium	13000	µg/Kg Dry	86	MV		01/16/2007	
SW 846 6010B	Lead	5300	µg/Kg Dry	91	MV		01/16/2007	
SW 846 8082	PCB:				DB	01/11/2007	01/12/2007	
SW 846 8082	Aroclor - 1016	N/D	µg/Kg Dry	23	DB		01/12/2007	
SW 846 8082	Aroclor - 1221	N/D	µg/Kg Dry	23	DB		01/12/2007	
SW 846 8082	Aroclor - 1232	N/D	µg/Kg Dry	23	DB		01/12/2007	
SW 846 8082	Aroclor - 1242	N/D	µg/Kg Dry	23	DB		01/12/2007	
SW 846 8082	Aroclor - 1248	N/D	µg/Kg Dry	23	DB		01/12/2007	
SW 846 8082	Aroclor - 1254	N/D	µg/Kg Dry	23	DB		01/12/2007	
SW 846 8082	Aroclor - 1260	N/D	µg/Kg Dry	23	DB		01/12/2007	
SW 846 8082	Aroclor - 1262	N/D	µg/Kg Dry	23	DB		01/12/2007	
SW 846 8082	Aroclor - 1268	N/D	µg/Kg Dry	23	DB		01/12/2007	
SW 846 8270C	Polynuclear Aromatic Hydrocarbons:				DC	01/12/2007	01/13/2007	
SW 846 8270C	Acenaphthene	N/D	µg/Kg Dry	230	DC		01/13/2007	
SW 846 8270C	Acenaphthylene	N/D	µg/Kg Dry	230	DC		01/13/2007	
SW 846 8270C	Anthracene	N/D	µg/Kg Dry	230	DC		01/13/2007	
SW 846 8270C	Benzo(a)anthracene	N/D	µg/Kg Dry	230	DC		01/13/2007	
SW 846 8270C	Benzo(b)fluoranthene	N/D	µg/Kg Dry	230	DC		01/13/2007	
SW 846 8270C	Benzo(k)fluoranthene	N/D	µg/Kg Dry	230	DC		01/13/2007	
SW 846 8270C	Benzo(g,h,i)perylene	N/D	µg/Kg Dry	230	DC		01/13/2007	
SW 846 8270C	Benzo [a]pyrene	N/D	µg/Kg Dry	230	DC		01/13/2007	
SW 846 8270C	beta-Chloronaphthalene	N/D	µg/Kg Dry	230	DC		01/13/2007	
SW 846 8270C	Chrysene	N/D	µg/Kg Dry	230	DC		01/13/2007	
SW 846 8270C	Dibenz(a,h)anthracene	N/D	µg/Kg Dry	230	DC		01/13/2007	
SW 846 8270C	Fluoranthene	N/D	µg/Kg Dry	230	DC		01/13/2007	
SW 846 8270C	Fluorene	N/D	µg/Kg Dry	230	DC		01/13/2007	
SW 846 8270C	Indeno(1,2,3-cd)pyrene	N/D	µg/Kg Dry	230	DC		01/13/2007	
SW 846 8270C	2-Methylnaphthalene	N/D	µg/Kg Dry	230	DC		01/13/2007	
SW 846 8270C	Naphthalene	N/D	µg/Kg Dry	230	DC		01/13/2007	
SW 846 8270C	Phenanthrene	N/D	µg/Kg Dry	230	DC		01/13/2007	

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AKT Peerless Environmental Services
607 Shelby St
Detroit, MI 48226-3268

Test Report
Order ID: 0701068
MAS Sample #: 070110025
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-9 (6-8)

Physical Description: Soil

Sample Date/Time: 01/09/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8270C	Pyrene	N/D	µg/Kg Dry	230	DC		01/13/2007	
SW 846 8260B	Volatile Organic Compounds:				DB	01/12/2006	01/12/2007	
SW 846 8260B	Acetone	N/D	µg/Kg Dry	292	DB		01/12/2007	
SW 846 8260B	Acetonitrile	N/D	µg/Kg Dry	292	DB		01/12/2007	
SW 846 8260B	Acrolein	N/D	µg/Kg Dry	146	DB		01/12/2007	
SW 846 8260B	Acrylonitrile	N/D	µg/Kg Dry	292	DB		01/12/2007	
SW 846 8260B	Benzene	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	Bromobenzene	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	Bromochloromethane	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	Bromodichloromethane	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	Bromoform	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	Bromomethane	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	Methyl Ethyl Ketone	N/D	µg/Kg Dry	292	DB		01/12/2007	
SW 846 8260B	N-butylbenzene	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	Sec-butylbenzene	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	Tert-butylbenzene	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	Carbon Disulfide	N/D	µg/Kg Dry	292	DB		01/12/2007	
SW 846 8260B	Carbon Tetrachloride	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	Chlorobenzene	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	Chloroethane	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	2-Chloroethyl Vinyl Ether	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	Chloroform	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	Chloromethane	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	2-Chlorotoluene	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	4-Chlorotoluene	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	4-Isopropyltoluene	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	Isopropylbenzene	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	1,2-Dibromo-3-chloropropane	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	Dibromochloromethane	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	Dibromomethane	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	1,2-Dichlorobenzene	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	1,3-Dichlorobenzene	N/D	µg/Kg Dry	29	DB		01/12/2007	

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AKT Peerless Environmental Services
607 Shelby St
Detroit, MI 48226-3268

Test Report
Order ID: 0701068
MAS Sample #: 070110025
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-9 (6-8)

Physical Description: Soil

Sample Date/Time: 01/09/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8260B	1,4-Dichlorobenzene	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	Dichlorodifluoromethane	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	1,1-Dichloroethane	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	1,2-Dichloroethane	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	1,1-Dichloropropene	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	Cis-1,2-dichloroethene	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	Trans-1,2-dichloroethene	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	1,2-Dichloropropane	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	1,3-Dichloropropane	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	2,2-Dichloropropane	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	1,1-Dichloroethene	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	Cis-1,3-dichloropropene	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	Trans-1,3-dichloropropene	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	1,2-Dibromoethane	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	Ethylbenzene	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	2-Methylnaphthalene	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	Methyl T-Butyl Ether	N/D	µg/Kg Dry	292	DB		01/12/2007	
SW 846 8260B	Methylene Chloride	N/D	µg/Kg Dry	146	DB		01/12/2007	
SW 846 8260B	n-Propyl Benzene	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	2-Hexanone	N/D	µg/Kg Dry	292	DB		01/12/2007	
SW 846 8260B	Methyl Isobutyl Ketone	N/D	µg/Kg Dry	292	DB		01/12/2007	
SW 846 8260B	Styrene	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	Naphthalene	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	1,1,1,2-Tetrachloroethane	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	1,1,2,2-Tetrachloroethane	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	Tetrachloroethene	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	Toluene	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	1,2,3-Trichlorobenzene	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	1,2,4-Trichlorobenzene	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	1,1,1-Trichloroethane	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	1,1,2-Trichloroethane	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	Trichloroethene	N/D	µg/Kg Dry	29	DB		01/12/2007	

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607 Shelby St
Detroit, MI 48226-3268

Test Report
Order ID: 0701068
MAS Sample #: 070110025
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-9 (6-8)

Physical Description: Soil

Sample Date/Time: 01/09/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8260B	Trichlorofluoromethane	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	1,2,3-Trichloropropane	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	1,2,3-Trimethylbenzene	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	1,2,4-Trimethylbenzene	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	1,3,5-Trimethylbenzene	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	Vinyl Acetate	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	Vinyl Chloride	N/D	µg/Kg Dry	29	DB		01/12/2007	
SW 846 8260B	Xylene (Total)	N/D	µg/Kg Dry	88	DB		01/12/2007	

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AKT Peerless Environmental Services
607 Shelby St
Detroit, MI 48226-3268

Test Report
Order ID: 0701068
MAS Sample #: 070110026
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-10 (0.5-1)

Physical Description: Soil

Sample Date/Time: 01/10/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8270C	Polynuclear Aromatic Hydrocarbons:				DC	01/12/2007	01/13/2007	
SW 846 8270C	Acenaphthene	N/D	µg/Kg Dry	263	DC		01/13/2007	
SW 846 8270C	Acenaphthylene	N/D	µg/Kg Dry	263	DC		01/13/2007	
SW 846 8270C	Anthracene	270	µg/Kg Dry	263	DC		01/13/2007	
SW 846 8270C	Benzo(a)anthracene	890	µg/Kg Dry	263	DC		01/13/2007	
SW 846 8270C	Benzo(b)fluoranthene	1200	µg/Kg Dry	263	DC		01/13/2007	
SW 846 8270C	Benzo(k)fluoranthene	410	µg/Kg Dry	263	DC		01/13/2007	
SW 846 8270C	Benzo(g,h,i)perylene	570	µg/Kg Dry	263	DC		01/13/2007	
SW 846 8270C	Benzo [a]pyrene	1000	µg/Kg Dry	263	DC		01/13/2007	
SW 846 8270C	beta-Chloronaphthalene	N/D	µg/Kg Dry	263	DC		01/13/2007	
SW 846 8270C	Chrysene	770	µg/Kg Dry	263	DC		01/13/2007	
SW 846 8270C	Dibenz(a,h)anthracene	N/D	µg/Kg Dry	263	DC		01/13/2007	
SW 846 8270C	Fluoranthene	1800	µg/Kg Dry	263	DC		01/13/2007	
SW 846 8270C	Fluorene	N/D	µg/Kg Dry	263	DC		01/13/2007	
SW 846 8270C	Indeno(1,2,3-cd)pyrene	500	µg/Kg Dry	263	DC		01/13/2007	
SW 846 8270C	2-Methylnaphthalene	N/D	µg/Kg Dry	263	DC		01/13/2007	
SW 846 8270C	Naphthalene	N/D	µg/Kg Dry	263	DC		01/13/2007	
SW 846 8270C	Phenanthrene	800	µg/Kg Dry	263	DC		01/13/2007	
SW 846 8270C	Pyrene	1700	µg/Kg Dry	263	DC		01/13/2007	
SW 846 8260B	Volatile Organic Compounds:				DB	01/11/2007	01/12/2007	
SW 846 8260B	Benzene	N/D	µg/Kg Dry	59	DB		01/12/2007	
SW 846 8260B	Toluene	N/D	µg/Kg Dry	59	DB		01/12/2007	
SW 846 8260B	Ethylbenzene	N/D	µg/Kg Dry	59	DB		01/12/2007	
SW 846 8260B	Xylene (Total)	N/D	µg/Kg Dry	178	DB		01/12/2007	
SW 846 8260B	1,3,5-Trimethylbenzene	N/D	µg/Kg Dry	59	DB		01/12/2007	
SW 846 8260B	1,2,4-Trimethylbenzene	N/D	µg/Kg Dry	59	DB		01/12/2007	
SW 846 8260B	1,2,3-Trimethylbenzene	N/D	µg/Kg Dry	59	DB		01/12/2007	

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AKT Peerless Environmental Services
607 Shelby St
Detroit, MI 48226-3268

Test Report
Order ID: 0701068
MAS Sample #: 070110027
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-10 (4-6)

Physical Description: Soil

Sample Date/Time: 01/10/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8270C	Polynuclear Aromatic Hydrocarbons:				DC	01/12/2007	01/13/2007	HM
SW 846 8270C	Acenaphthene	N/D	µg/Kg Dry	364	DC		01/13/2007	
SW 846 8270C	Acenaphthylene	N/D	µg/Kg Dry	364	DC		01/13/2007	
SW 846 8270C	Anthracene	N/D	µg/Kg Dry	364	DC		01/13/2007	
SW 846 8270C	Benzo(a)anthracene	N/D	µg/Kg Dry	364	DC		01/13/2007	
SW 846 8270C	Benzo(b)fluoranthene	N/D	µg/Kg Dry	364	DC		01/13/2007	
SW 846 8270C	Benzo(k)fluoranthene	N/D	µg/Kg Dry	364	DC		01/13/2007	
SW 846 8270C	Benzo(g,h,i)perylene	N/D	µg/Kg Dry	364	DC		01/13/2007	
SW 846 8270C	Benzo [a]pyrene	N/D	µg/Kg Dry	364	DC		01/13/2007	
SW 846 8270C	beta-Chloronaphthalene	N/D	µg/Kg Dry	364	DC		01/13/2007	
SW 846 8270C	Chrysene	N/D	µg/Kg Dry	364	DC		01/13/2007	
SW 846 8270C	Dibenz(a,h)anthracene	N/D	µg/Kg Dry	364	DC		01/13/2007	
SW 846 8270C	Fluoranthene	N/D	µg/Kg Dry	364	DC		01/13/2007	
SW 846 8270C	Fluorene	N/D	µg/Kg Dry	364	DC		01/13/2007	
SW 846 8270C	Indeno(1,2,3-cd)pyrene	N/D	µg/Kg Dry	364	DC		01/13/2007	
SW 846 8270C	2-Methylnaphthalene	N/D	µg/Kg Dry	364	DC		01/13/2007	
SW 846 8270C	Naphthalene	N/D	µg/Kg Dry	364	DC		01/13/2007	
SW 846 8270C	Phenanthrene	N/D	µg/Kg Dry	364	DC		01/13/2007	
SW 846 8270C	Pyrene	N/D	µg/Kg Dry	364	DC		01/13/2007	
SW 846 8260B	Volatile Organic Compounds:				DB	01/11/2007	01/12/2007	
SW 846 8260B	Benzene	N/D	µg/Kg Dry	46	DB		01/12/2007	
SW 846 8260B	Toluene	N/D	µg/Kg Dry	46	DB		01/12/2007	
SW 846 8260B	Ethylbenzene	N/D	µg/Kg Dry	46	DB		01/12/2007	
SW 846 8260B	Xylene (Total)	N/D	µg/Kg Dry	139	DB		01/12/2007	
SW 846 8260B	1,3,5-Trimethylbenzene	N/D	µg/Kg Dry	46	DB		01/12/2007	
SW 846 8260B	1,2,4-Trimethylbenzene	N/D	µg/Kg Dry	46	DB		01/12/2007	
SW 846 8260B	1,2,3-Trimethylbenzene	N/D	µg/Kg Dry	46	DB		01/12/2007	

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AKT Peerless Environmental Services
607 Shelby St
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Test Report
Order ID: 0701068
MAS Sample #: 070110028
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-11 (0-0.5)

Physical Description: Soil

Sample Date/Time: 01/10/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
	Total Metals:					01/12/2007		
SW 846 6010B	Arsenic	7100	µg/Kg Dry	132	MV		01/16/2007	
SW 846 6010B	Barium	600000	µg/Kg Dry	103	MV		01/16/2007	
SW 846 6010B	Cadmium	2800	µg/Kg Dry	62	MV		01/16/2007	
SW 846 6010B	Chromium	46000	µg/Kg Dry	103	MV		01/16/2007	
SW 846 6010B	Copper	500000	µg/Kg Dry	103	MV		01/16/2007	
SW 846 6010B	Lead	1000000	µg/Kg Dry	109	MV		01/16/2007	
SW 846 7471A	Mercury	500	µg/Kg Dry	27	MV		01/16/2007	
SW 846 6010B	Selenium	N/D	µg/Kg Dry	185	MV		01/16/2007	
SW 846 6010B	Silver	510	µg/Kg Dry	103	MV		01/16/2007	
SW 846 6010B	Zinc	660000	µg/Kg Dry	103	MV		01/16/2007	
SW 846 8270C	Polynuclear Aromatic Hydrocarbons:				DC	01/12/2007	01/13/2007	SL
SW 846 8270C	Acenaphthene	N/D	µg/Kg Dry	274	DC		01/13/2007	
SW 846 8270C	Acenaphthylene	N/D	µg/Kg Dry	274	DC		01/13/2007	
SW 846 8270C	Anthracene	N/D	µg/Kg Dry	274	DC		01/13/2007	
SW 846 8270C	Benzo(a)anthracene	N/D	µg/Kg Dry	274	DC		01/13/2007	
SW 846 8270C	Benzo(b)fluoranthene	N/D	µg/Kg Dry	274	DC		01/13/2007	
SW 846 8270C	Benzo(k)fluoranthene	N/D	µg/Kg Dry	465	DC		01/13/2007	
SW 846 8270C	Benzo(g,h,i)perylene	N/D	µg/Kg Dry	274	DC		01/13/2007	
SW 846 8270C	Benzo [a]pyrene	N/D	µg/Kg Dry	274	DC		01/13/2007	
SW 846 8270C	beta-Chloronaphthalene	N/D	µg/Kg Dry	274	DC		01/13/2007	
SW 846 8270C	Chrysene	N/D	µg/Kg Dry	274	DC		01/13/2007	
SW 846 8270C	Dibenz(a,h)anthracene	N/D	µg/Kg Dry	274	DC		01/13/2007	
SW 846 8270C	Fluoranthene	330	µg/Kg Dry	274	DC		01/13/2007	
SW 846 8270C	Fluorene	N/D	µg/Kg Dry	274	DC		01/13/2007	
SW 846 8270C	Indeno(1,2,3-cd)pyrene	N/D	µg/Kg Dry	274	DC		01/13/2007	
SW 846 8270C	2-Methylnaphthalene	N/D	µg/Kg Dry	274	DC		01/13/2007	
SW 846 8270C	Naphthalene	N/D	µg/Kg Dry	274	DC		01/13/2007	
SW 846 8270C	Phenanthrene	N/D	µg/Kg Dry	274	DC		01/13/2007	
SW 846 8270C	Pyrene	320	µg/Kg Dry	274	DC		01/13/2007	
SW 846 8260B	Volatile Organic Compounds:				DB	01/12/2006	01/12/2007	
SW 846 8260B	Acetone	N/D	µg/Kg Dry	525	DB		01/12/2007	

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AKT Peerless Environmental Services
607 Shelby St
Detroit, MI 48226-3268

Test Report
Order ID: 0701068
MAS Sample #: 070110028
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-11 (0-0.5)

Physical Description: Soil

Sample Date/Time: 01/10/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8260B	Acetonitrile	N/D	µg/Kg Dry	525	DB		01/12/2007	
SW 846 8260B	Acrolein	N/D	µg/Kg Dry	262	DB		01/12/2007	
SW 846 8260B	Acrylonitrile	N/D	µg/Kg Dry	525	DB		01/12/2007	
SW 846 8260B	Benzene	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	Bromobenzene	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	Bromochloromethane	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	Bromodichloromethane	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	Bromoform	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	Bromomethane	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	Methyl Ethyl Ketone	N/D	µg/Kg Dry	525	DB		01/12/2007	
SW 846 8260B	N-butylbenzene	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	Sec-butylbenzene	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	Tert-butylbenzene	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	Carbon Disulfide	N/D	µg/Kg Dry	525	DB		01/12/2007	
SW 846 8260B	Carbon Tetrachloride	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	Chlorobenzene	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	Chloroethane	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	2-Chloroethyl Vinyl Ether	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	Chloroform	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	Chloromethane	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	2-Chlorotoluene	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	4-Chlorotoluene	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	4-Isopropyltoluene	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	Isopropylbenzene	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	1,2-Dibromo-3-chloropropane	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	Dibromochloromethane	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	Dibromomethane	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	1,2-Dichlorobenzene	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	1,3-Dichlorobenzene	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	1,4-Dichlorobenzene	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	Dichlorodifluoromethane	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	1,1-Dichloroethane	N/D	µg/Kg Dry	52	DB		01/12/2007	

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AKT Peerless Environmental Services
607 Shelby St
Detroit, MI 48226-3268

Test Report
Order ID: 0701068
MAS Sample #: 070110028
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-11 (0-0.5)

Physical Description: Soil

Sample Date/Time: 01/10/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8260B	1,2-Dichloroethane	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	1,1-Dichloropropene	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	Cis-1,2-dichloroethene	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	Trans-1,2-dichloroethene	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	1,2-Dichloropropane	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	1,3-Dichloropropane	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	2,2-Dichloropropane	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	1,1-Dichloroethene	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	Cis-1,3-dichloropropene	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	Trans-1,3-dichloropropene	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	1,2-Dibromoethane	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	Ethylbenzene	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	2-Methylnaphthalene	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	Methyl T-Butyl Ether	N/D	µg/Kg Dry	525	DB		01/12/2007	
SW 846 8260B	Methylene Chloride	N/D	µg/Kg Dry	262	DB		01/12/2007	
SW 846 8260B	n-Propyl Benzene	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	2-Hexanone	N/D	µg/Kg Dry	525	DB		01/12/2007	
SW 846 8260B	Methyl Isobutyl Ketone	N/D	µg/Kg Dry	525	DB		01/12/2007	
SW 846 8260B	Styrene	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	Naphthalene	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	1,1,1,2-Tetrachloroethane	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	1,1,2,2-Tetrachloroethane	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	Tetrachloroethene	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	Toluene	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	1,2,3-Trichlorobenzene	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	1,2,4-Trichlorobenzene	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	1,1,1-Trichloroethane	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	1,1,2-Trichloroethane	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	Trichloroethene	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	Trichlorofluoromethane	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	1,2,3-Trichloropropane	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	1,2,3-Trimethylbenzene	N/D	µg/Kg Dry	52	DB		01/12/2007	

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AKT Peerless Environmental Services
607 Shelby St
Detroit, MI 48226-3268

Test Report
Order ID: 0701068
MAS Sample #: 070110028
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-11 (0-0.5)

Physical Description: Soil

Sample Date/Time: 01/10/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8260B	1,2,4-Trimethylbenzene	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	1,3,5-Trimethylbenzene	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	Vinyl Acetate	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	Vinyl Chloride	N/D	µg/Kg Dry	52	DB		01/12/2007	
SW 846 8260B	Xylene (Total)	N/D	µg/Kg Dry	157	DB		01/12/2007	

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Test Report
Order ID: 0701068
MAS Sample #: 070110029
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-11 (7-9)

Physical Description: Soil

Sample Date/Time: 01/10/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
	Total Metals:					01/12/2007		
SW 846 6010B	Arsenic	5900	µg/Kg Dry	128	MV		01/16/2007	
SW 846 6010B	Barium	69000	µg/Kg Dry	100	MV		01/16/2007	
SW 846 6010B	Cadmium	N/D	µg/Kg Dry	60	MV		01/16/2007	
SW 846 6010B	Chromium	16000	µg/Kg Dry	100	MV		01/16/2007	
SW 846 6010B	Copper	21000	µg/Kg Dry	100	MV		01/16/2007	
SW 846 6010B	Lead	8600	µg/Kg Dry	106	MV		01/16/2007	
SW 846 7471A	Mercury	52	µg/Kg Dry	27	MV		01/16/2007	
SW 846 6010B	Selenium	N/D	µg/Kg Dry	180	MV		01/16/2007	
SW 846 6010B	Silver	N/D	µg/Kg Dry	100	MV		01/16/2007	
SW 846 6010B	Zinc	39000	µg/Kg Dry	100	MV		01/16/2007	
SW 846 8270C	Polynuclear Aromatic Hydrocarbons:				DC	01/12/2007	01/13/2007	
SW 846 8270C	Acenaphthene	N/D	µg/Kg Dry	267	DC		01/13/2007	
SW 846 8270C	Acenaphthylene	N/D	µg/Kg Dry	267	DC		01/13/2007	
SW 846 8270C	Anthracene	N/D	µg/Kg Dry	267	DC		01/13/2007	
SW 846 8270C	Benzo(a)anthracene	N/D	µg/Kg Dry	267	DC		01/13/2007	
SW 846 8270C	Benzo(b)fluoranthene	N/D	µg/Kg Dry	267	DC		01/13/2007	
SW 846 8270C	Benzo(k)fluoranthene	N/D	µg/Kg Dry	267	DC		01/13/2007	
SW 846 8270C	Benzo(g,h,i)perylene	N/D	µg/Kg Dry	267	DC		01/13/2007	
SW 846 8270C	Benzo [a]pyrene	N/D	µg/Kg Dry	267	DC		01/13/2007	
SW 846 8270C	beta-Chloronaphthalene	N/D	µg/Kg Dry	267	DC		01/13/2007	
SW 846 8270C	Chrysene	N/D	µg/Kg Dry	267	DC		01/13/2007	
SW 846 8270C	Dibenz(a,h)anthracene	N/D	µg/Kg Dry	267	DC		01/13/2007	
SW 846 8270C	Fluoranthene	N/D	µg/Kg Dry	267	DC		01/13/2007	
SW 846 8270C	Fluorene	N/D	µg/Kg Dry	267	DC		01/13/2007	
SW 846 8270C	Indeno(1,2,3-cd)pyrene	N/D	µg/Kg Dry	267	DC		01/13/2007	
SW 846 8270C	2-Methylnaphthalene	N/D	µg/Kg Dry	267	DC		01/13/2007	
SW 846 8270C	Naphthalene	N/D	µg/Kg Dry	267	DC		01/13/2007	
SW 846 8270C	Phenanthrene	N/D	µg/Kg Dry	267	DC		01/13/2007	
SW 846 8270C	Pyrene	N/D	µg/Kg Dry	267	DC		01/13/2007	
SW 846 8260B	Volatile Organic Compounds:				DB	01/12/2006	01/12/2007	
SW 846 8260B	Acetone	N/D	µg/Kg Dry	309	DB		01/12/2007	

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607 Shelby St
Detroit, MI 48226-3268

Test Report
Order ID: 0701068
MAS Sample #: 070110029
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-11 (7-9)

Physical Description: Soil

Sample Date/Time: 01/10/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8260B	Acetonitrile	N/D	µg/Kg Dry	309	DB		01/12/2007	
SW 846 8260B	Acrolein	N/D	µg/Kg Dry	154	DB		01/12/2007	
SW 846 8260B	Acrylonitrile	N/D	µg/Kg Dry	309	DB		01/12/2007	
SW 846 8260B	Benzene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Bromobenzene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Bromochloromethane	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Bromodichloromethane	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Bromoform	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Bromomethane	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Methyl Ethyl Ketone	N/D	µg/Kg Dry	309	DB		01/12/2007	
SW 846 8260B	N-butylbenzene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Sec-butylbenzene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Tert-butylbenzene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Carbon Disulfide	N/D	µg/Kg Dry	309	DB		01/12/2007	
SW 846 8260B	Carbon Tetrachloride	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Chlorobenzene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Chloroethane	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	2-Chloroethyl Vinyl Ether	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Chloroform	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Chloromethane	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	2-Chlorotoluene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	4-Chlorotoluene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	4-Isopropyltoluene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Isopropylbenzene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	1,2-Dibromo-3-chloropropane	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Dibromochloromethane	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Dibromomethane	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	1,2-Dichlorobenzene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	1,3-Dichlorobenzene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	1,4-Dichlorobenzene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Dichlorodifluoromethane	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	1,1-Dichloroethane	N/D	µg/Kg Dry	31	DB		01/12/2007	

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AKT Peerless Environmental Services
607 Shelby St
Detroit, MI 48226-3268

Test Report
Order ID: 0701068
MAS Sample #: 070110029
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-11 (7-9)

Physical Description: Soil

Sample Date/Time: 01/10/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8260B	1,2-Dichloroethane	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	1,1-Dichloropropene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Cis-1,2-dichloroethene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Trans-1,2-dichloroethene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	1,2-Dichloropropane	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	1,3-Dichloropropane	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	2,2-Dichloropropane	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	1,1-Dichloroethene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Cis-1,3-dichloropropene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Trans-1,3-dichloropropene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	1,2-Dibromoethane	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Ethylbenzene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	2-Methylnaphthalene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Methyl T-Butyl Ether	N/D	µg/Kg Dry	309	DB		01/12/2007	
SW 846 8260B	Methylene Chloride	N/D	µg/Kg Dry	154	DB		01/12/2007	
SW 846 8260B	n-Propyl Benzene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	2-Hexanone	N/D	µg/Kg Dry	309	DB		01/12/2007	
SW 846 8260B	Methyl Isobutyl Ketone	N/D	µg/Kg Dry	309	DB		01/12/2007	
SW 846 8260B	Styrene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Naphthalene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	1,1,1,2-Tetrachloroethane	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	1,1,2,2-Tetrachloroethane	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Tetrachloroethene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Toluene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	1,2,3-Trichlorobenzene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	1,2,4-Trichlorobenzene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	1,1,1-Trichloroethane	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	1,1,2-Trichloroethane	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Trichloroethene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Trichlorofluoromethane	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	1,2,3-Trichloropropane	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	1,2,3-Trimethylbenzene	N/D	µg/Kg Dry	31	DB		01/12/2007	

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AKT Peerless Environmental Services
607 Shelby St
Detroit, MI 48226-3268

Test Report
Order ID: 0701068
MAS Sample #: 070110029
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-11 (7-9)

Physical Description: Soil

Sample Date/Time: 01/10/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8260B	1,2,4-Trimethylbenzene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	1,3,5-Trimethylbenzene	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Vinyl Acetate	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Vinyl Chloride	N/D	µg/Kg Dry	31	DB		01/12/2007	
SW 846 8260B	Xylene (Total)	N/D	µg/Kg Dry	93	DB		01/12/2007	

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AKT Peerless Environmental Services
607 Shelby St
Detroit, MI 48226-3268

Test Report
Order ID: 0701068
MAS Sample #: 070110030
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-12 (0-0.5)

Physical Description: Soil

Sample Date/Time: 01/10/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
	Total Metals:					01/12/2007		
SW 846 6010B	Arsenic	1000	µg/Kg Dry	100	MV		01/16/2007	
SW 846 6010B	Barium	22000	µg/Kg Dry	78	MV		01/16/2007	
SW 846 6010B	Cadmium	330	µg/Kg Dry	47	MV		01/16/2007	
SW 846 6010B	Chromium	14000	µg/Kg Dry	78	MV		01/16/2007	
SW 846 6010B	Copper	25000	µg/Kg Dry	78	MV		01/16/2007	
SW 846 6010B	Lead	50000	µg/Kg Dry	83	MV		01/16/2007	
SW 846 7471A	Mercury	N/D	µg/Kg Dry	21	MV		01/16/2007	
SW 846 6010B	Selenium	1400	µg/Kg Dry	141	MV		01/16/2007	
SW 846 6010B	Silver	N/D	µg/Kg Dry	78	MV		01/16/2007	
SW 846 6010B	Zinc	26000	µg/Kg Dry	78	MV		01/16/2007	
SW 846 8270C	Polynuclear Aromatic Hydrocarbons:				DC	01/12/2007	01/13/2007	SH
SW 846 8270C	Acenaphthene	N/D	µg/Kg Dry	208	DC		01/13/2007	
SW 846 8270C	Acenaphthylene	N/D	µg/Kg Dry	208	DC		01/13/2007	
SW 846 8270C	Anthracene	N/D	µg/Kg Dry	208	DC		01/13/2007	
SW 846 8270C	Benzo(a)anthracene	N/D	µg/Kg Dry	208	DC		01/13/2007	
SW 846 8270C	Benzo(b)fluoranthene	N/D	µg/Kg Dry	208	DC		01/13/2007	
SW 846 8270C	Benzo(k)fluoranthene	N/D	µg/Kg Dry	208	DC		01/13/2007	
SW 846 8270C	Benzo(g,h,i)perylene	N/D	µg/Kg Dry	208	DC		01/13/2007	
SW 846 8270C	Benzo [a]pyrene	N/D	µg/Kg Dry	208	DC		01/13/2007	
SW 846 8270C	beta-Chloronaphthalene	N/D	µg/Kg Dry	208	DC		01/13/2007	
SW 846 8270C	Chrysene	N/D	µg/Kg Dry	208	DC		01/13/2007	
SW 846 8270C	Dibenz(a,h)anthracene	N/D	µg/Kg Dry	208	DC		01/13/2007	
SW 846 8270C	Fluoranthene	N/D	µg/Kg Dry	208	DC		01/13/2007	
SW 846 8270C	Fluorene	N/D	µg/Kg Dry	208	DC		01/13/2007	
SW 846 8270C	Indeno(1,2,3-cd)pyrene	N/D	µg/Kg Dry	208	DC		01/13/2007	
SW 846 8270C	2-Methylnaphthalene	N/D	µg/Kg Dry	208	DC		01/13/2007	
SW 846 8270C	Naphthalene	N/D	µg/Kg Dry	208	DC		01/13/2007	
SW 846 8270C	Phenanthrene	N/D	µg/Kg Dry	208	DC		01/13/2007	
SW 846 8270C	Pyrene	N/D	µg/Kg Dry	208	DC		01/13/2007	
SW 846 8260B	Volatile Organic Compounds:				DB	01/12/2006	01/12/2007	
SW 846 8260B	Acetone	N/D	µg/Kg Dry	278	DB		01/12/2007	

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AKT Peerless Environmental Services
607 Shelby St
Detroit, MI 48226-3268

Test Report
Order ID: 0701068
MAS Sample #: 070110030
Date Completed: 01/17/2007

Project ID: 5324D-2-20
Sample Identification: B-12 (0-0.5)
Physical Description: Soil
Sample Date/Time: 01/10/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8260B	Acetonitrile	N/D	µg/Kg Dry	278	DB		01/12/2007	
SW 846 8260B	Acrolein	N/D	µg/Kg Dry	139	DB		01/12/2007	
SW 846 8260B	Acrylonitrile	N/D	µg/Kg Dry	278	DB		01/12/2007	
SW 846 8260B	Benzene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Bromobenzene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Bromochloromethane	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Bromodichloromethane	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Bromoform	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Bromomethane	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Methyl Ethyl Ketone	N/D	µg/Kg Dry	278	DB		01/12/2007	
SW 846 8260B	N-butylbenzene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Sec-butylbenzene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Tert-butylbenzene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Carbon Disulfide	N/D	µg/Kg Dry	278	DB		01/12/2007	
SW 846 8260B	Carbon Tetrachloride	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Chlorobenzene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Chloroethane	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	2-Chloroethyl Vinyl Ether	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Chloroform	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Chloromethane	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	2-Chlorotoluene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	4-Chlorotoluene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	4-Isopropyltoluene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Isopropylbenzene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	1,2-Dibromo-3-chloropropane	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Dibromochloromethane	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Dibromomethane	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	1,2-Dichlorobenzene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	1,3-Dichlorobenzene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	1,4-Dichlorobenzene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Dichlorodifluoromethane	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	1,1-Dichloroethane	N/D	µg/Kg Dry	28	DB		01/12/2007	

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AKT Peerless Environmental Services
607 Shelby St
Detroit, MI 48226-3268

Test Report
Order ID: 0701068
MAS Sample #: 070110030
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-12 (0-0.5)

Physical Description: Soil

Sample Date/Time: 01/10/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8260B	1,2-Dichloroethane	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	1,1-Dichloropropene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Cis-1,2-dichloroethene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Trans-1,2-dichloroethene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	1,2-Dichloropropane	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	1,3-Dichloropropane	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	2,2-Dichloropropane	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	1,1-Dichloroethene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Cis-1,3-dichloropropene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Trans-1,3-dichloropropene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	1,2-Dibromoethane	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Ethylbenzene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	2-Methylnaphthalene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Methyl T-Butyl Ether	N/D	µg/Kg Dry	278	DB		01/12/2007	
SW 846 8260B	Methylene Chloride	N/D	µg/Kg Dry	139	DB		01/12/2007	
SW 846 8260B	n-Propyl Benzene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	2-Hexanone	N/D	µg/Kg Dry	278	DB		01/12/2007	
SW 846 8260B	Methyl Isobutyl Ketone	N/D	µg/Kg Dry	278	DB		01/12/2007	
SW 846 8260B	Styrene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Naphthalene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	1,1,1,2-Tetrachloroethane	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	1,1,2,2-Tetrachloroethane	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Tetrachloroethene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Toluene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	1,2,3-Trichlorobenzene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	1,2,4-Trichlorobenzene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	1,1,1-Trichloroethane	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	1,1,2-Trichloroethane	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Trichloroethene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Trichlorofluoromethane	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	1,2,3-Trichloropropane	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	1,2,3-Trimethylbenzene	N/D	µg/Kg Dry	28	DB		01/12/2007	

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AKT Peerless Environmental Services
607 Shelby St
Detroit, MI 48226-3268

Test Report
Order ID: 0701068
MAS Sample #: 070110030
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-12 (0-0.5)

Physical Description: Soil

Sample Date/Time: 01/10/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8260B	1,2,4-Trimethylbenzene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	1,3,5-Trimethylbenzene	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Vinyl Acetate	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Vinyl Chloride	N/D	µg/Kg Dry	28	DB		01/12/2007	
SW 846 8260B	Xylene (Total)	N/D	µg/Kg Dry	83	DB		01/12/2007	

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AKT Peerless Environmental Services
607 Shelby St
Detroit, MI 48226-3268

Test Report
Order ID: 0701068
MAS Sample #: 070110031
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-12 (3-5)

Physical Description: Soil

Sample Date/Time: 01/10/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
	Total Metals:					01/12/2007		
SW 846 6010B	Arsenic	3900	µg/Kg Dry	160	MV		01/16/2007	
SW 846 6010B	Barium	60000	µg/Kg Dry	125	MV		01/16/2007	
SW 846 6010B	Cadmium	N/D	µg/Kg Dry	75	MV		01/16/2007	
SW 846 6010B	Chromium	10000	µg/Kg Dry	125	MV		01/16/2007	
SW 846 6010B	Copper	9100	µg/Kg Dry	125	MV		01/16/2007	
SW 846 6010B	Lead	25000	µg/Kg Dry	133	MV		01/16/2007	
SW 846 7471A	Mercury	91	µg/Kg Dry	33	MV		01/16/2007	
SW 846 6010B	Selenium	N/D	µg/Kg Dry	225	MV		01/16/2007	
SW 846 6010B	Silver	N/D	µg/Kg Dry	125	MV		01/16/2007	
SW 846 6010B	Zinc	86000	µg/Kg Dry	125	MV		01/16/2007	
SW 846 8270C	Polynuclear Aromatic Hydrocarbons:				DC	01/12/2007	01/13/2007	HM
SW 846 8270C	Acenaphthene	N/D	µg/Kg Dry	333	DC		01/13/2007	
SW 846 8270C	Acenaphthylene	N/D	µg/Kg Dry	333	DC		01/13/2007	
SW 846 8270C	Anthracene	N/D	µg/Kg Dry	333	DC		01/13/2007	
SW 846 8270C	Benzo(a)anthracene	N/D	µg/Kg Dry	333	DC		01/13/2007	
SW 846 8270C	Benzo(b)fluoranthene	N/D	µg/Kg Dry	333	DC		01/13/2007	
SW 846 8270C	Benzo(k)fluoranthene	N/D	µg/Kg Dry	333	DC		01/13/2007	
SW 846 8270C	Benzo(g,h,i)perylene	N/D	µg/Kg Dry	333	DC		01/13/2007	
SW 846 8270C	Benzo [a]pyrene	N/D	µg/Kg Dry	333	DC		01/13/2007	
SW 846 8270C	beta-Chloronaphthalene	N/D	µg/Kg Dry	333	DC		01/13/2007	
SW 846 8270C	Chrysene	N/D	µg/Kg Dry	333	DC		01/13/2007	
SW 846 8270C	Dibenz(a,h)anthracene	N/D	µg/Kg Dry	333	DC		01/13/2007	
SW 846 8270C	Fluoranthene	N/D	µg/Kg Dry	333	DC		01/13/2007	
SW 846 8270C	Fluorene	N/D	µg/Kg Dry	333	DC		01/13/2007	
SW 846 8270C	Indeno(1,2,3-cd)pyrene	N/D	µg/Kg Dry	333	DC		01/13/2007	
SW 846 8270C	2-Methylnaphthalene	N/D	µg/Kg Dry	333	DC		01/13/2007	
SW 846 8270C	Naphthalene	N/D	µg/Kg Dry	333	DC		01/13/2007	
SW 846 8270C	Phenanthrene	N/D	µg/Kg Dry	333	DC		01/13/2007	
SW 846 8270C	Pyrene	N/D	µg/Kg Dry	333	DC		01/13/2007	
SW 846 8260B	Volatile Organic Compounds:				DB	01/12/2006	01/12/2007	
SW 846 8260B	Acetone	N/D	µg/Kg Dry	509	DB		01/12/2007	

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AKT Peerless Environmental Services
607 Shelby St
Detroit, MI 48226-3268

Test Report
Order ID: 0701068
MAS Sample #: 070110031
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-12 (3-5)

Physical Description: Soil

Sample Date/Time: 01/10/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8260B	Acetonitrile	N/D	µg/Kg Dry	509	DB		01/12/2007	
SW 846 8260B	Acrolein	N/D	µg/Kg Dry	255	DB		01/12/2007	
SW 846 8260B	Acrylonitrile	N/D	µg/Kg Dry	509	DB		01/12/2007	
SW 846 8260B	Benzene	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	Bromobenzene	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	Bromochloromethane	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	Bromodichloromethane	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	Bromoform	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	Bromomethane	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	Methyl Ethyl Ketone	N/D	µg/Kg Dry	509	DB		01/12/2007	
SW 846 8260B	N-butylbenzene	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	Sec-butylbenzene	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	Tert-butylbenzene	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	Carbon Disulfide	N/D	µg/Kg Dry	509	DB		01/12/2007	
SW 846 8260B	Carbon Tetrachloride	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	Chlorobenzene	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	Chloroethane	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	2-Chloroethyl Vinyl Ether	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	Chloroform	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	Chloromethane	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	2-Chlorotoluene	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	4-Chlorotoluene	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	4-Isopropyltoluene	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	Isopropylbenzene	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	1,2-Dibromo-3-chloropropane	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	Dibromochloromethane	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	Dibromomethane	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	1,2-Dichlorobenzene	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	1,3-Dichlorobenzene	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	1,4-Dichlorobenzene	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	Dichlorodifluoromethane	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	1,1-Dichloroethane	N/D	µg/Kg Dry	51	DB		01/12/2007	

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AKT Peerless Environmental Services
607 Shelby St
Detroit, MI 48226-3268

Test Report
Order ID: 0701068
MAS Sample #: 070110031
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-12 (3-5)

Physical Description: Soil

Sample Date/Time: 01/10/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8260B	1,2-Dichloroethane	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	1,1-Dichloropropene	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	Cis-1,2-dichloroethene	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	Trans-1,2-dichloroethene	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	1,2-Dichloropropane	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	1,3-Dichloropropane	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	2,2-Dichloropropane	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	1,1-Dichloroethene	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	Cis-1,3-dichloropropene	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	Trans-1,3-dichloropropene	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	1,2-Dibromoethane	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	Ethylbenzene	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	2-Methylnaphthalene	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	Methyl T-Butyl Ether	N/D	µg/Kg Dry	509	DB		01/12/2007	
SW 846 8260B	Methylene Chloride	N/D	µg/Kg Dry	255	DB		01/12/2007	
SW 846 8260B	n-Propyl Benzene	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	2-Hexanone	N/D	µg/Kg Dry	509	DB		01/12/2007	
SW 846 8260B	Methyl Isobutyl Ketone	N/D	µg/Kg Dry	509	DB		01/12/2007	
SW 846 8260B	Styrene	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	Naphthalene	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	1,1,1,2-Tetrachloroethane	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	1,1,2,2-Tetrachloroethane	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	Tetrachloroethene	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	Toluene	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	1,2,3-Trichlorobenzene	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	1,2,4-Trichlorobenzene	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	1,1,1-Trichloroethane	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	1,1,2-Trichloroethane	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	Trichloroethene	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	Trichlorofluoromethane	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	1,2,3-Trichloropropane	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	1,2,3-Trimethylbenzene	N/D	µg/Kg Dry	51	DB		01/12/2007	

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AKT Peerless Environmental Services
607 Shelby St
Detroit, MI 48226-3268

Test Report
Order ID: 0701068
MAS Sample #: 070110031
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-12 (3-5)

Physical Description: Soil

Sample Date/Time: 01/10/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8260B	1,2,4-Trimethylbenzene	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	1,3,5-Trimethylbenzene	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	Vinyl Acetate	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	Vinyl Chloride	N/D	µg/Kg Dry	51	DB		01/12/2007	
SW 846 8260B	Xylene (Total)	N/D	µg/Kg Dry	153	DB		01/12/2007	

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AKT Peerless Environmental Services
607 Shelby St
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Test Report
Order ID: 0701068
MAS Sample #: 070110032
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-13 (0-0.5)

Physical Description: Soil

Sample Date/Time: 01/10/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
	Total Metals:					01/12/2007		
SW 846 6010B	Arsenic	25000	µg/Kg Dry	133	MV		01/16/2007	
SW 846 6010B	Barium	1700000	µg/Kg Dry	104	MV		01/16/2007	
SW 846 6010B	Cadmium	9100	µg/Kg Dry	63	MV		01/16/2007	
SW 846 6010B	Chromium	160000	µg/Kg Dry	104	MV		01/16/2007	
SW 846 6010B	Copper	700000	µg/Kg Dry	104	MV		01/16/2007	
SW 846 6010B	Lead	2900000	µg/Kg Dry	110	MV		01/16/2007	
SW 846 7471A	Mercury	N/D	µg/Kg Dry	28	MV		01/16/2007	
SW 846 6010B	Selenium	N/D	µg/Kg Dry	188	MV		01/16/2007	
SW 846 6010B	Silver	1200	µg/Kg Dry	104	MV		01/16/2007	
SW 846 6010B	Zinc	1800000	µg/Kg Dry	104	MV		01/16/2007	
SW 846 8270C	Polynuclear Aromatic Hydrocarbons:				DC	01/12/2007	01/13/2007	
SW 846 8270C	Acenaphthene	430	µg/Kg Dry	278	DC		01/13/2007	
SW 846 8270C	Acenaphthylene	430	µg/Kg Dry	278	DC		01/13/2007	
SW 846 8270C	Anthracene	1300	µg/Kg Dry	278	DC		01/13/2007	
SW 846 8270C	Benzo(a)anthracene	4600	µg/Kg Dry	278	DC		01/13/2007	
SW 846 8270C	Benzo(b)fluoranthene	7500	µg/Kg Dry	278	DC		01/13/2007	
SW 846 8270C	Benzo(k)fluoranthene	2200	µg/Kg Dry	278	DC		01/13/2007	
SW 846 8270C	Benzo(g,h,i)perylene	3600	µg/Kg Dry	278	DC		01/13/2007	
SW 846 8270C	Benzo [a]pyrene	6100	µg/Kg Dry	278	DC		01/13/2007	
SW 846 8270C	beta-Chloronaphthalene	N/D	µg/Kg Dry	278	DC		01/13/2007	
SW 846 8270C	Chrysene	4600	µg/Kg Dry	278	DC		01/13/2007	
SW 846 8270C	Dibenz(a,h)anthracene	900	µg/Kg Dry	278	DC		01/13/2007	
SW 846 8270C	Fluoranthene	11000	µg/Kg Dry	278	DC		01/13/2007	
SW 846 8270C	Fluorene	430	µg/Kg Dry	278	DC		01/13/2007	
SW 846 8270C	Indeno(1,2,3-cd)pyrene	3100	µg/Kg Dry	278	DC		01/13/2007	
SW 846 8270C	2-Methylnaphthalene	N/D	µg/Kg Dry	278	DC		01/13/2007	
SW 846 8270C	Naphthalene	N/D	µg/Kg Dry	278	DC		01/13/2007	
SW 846 8270C	Phenanthrene	5200	µg/Kg Dry	278	DC		01/13/2007	
SW 846 8270C	Pyrene	10000	µg/Kg Dry	278	DC		01/13/2007	
SW 846 8260B	Volatile Organic Compounds:				DB	01/12/2006	01/12/2007	
SW 846 8260B	Acetone	N/D	µg/Kg Dry	452	DB		01/12/2007	

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607 Shelby St
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Test Report
Order ID: 0701068
MAS Sample #: 070110032
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-13 (0-0.5)

Physical Description: Soil

Sample Date/Time: 01/10/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8260B	Acetonitrile	N/D	µg/Kg Dry	452	DB		01/12/2007	
SW 846 8260B	Acrolein	N/D	µg/Kg Dry	226	DB		01/12/2007	
SW 846 8260B	Acrylonitrile	N/D	µg/Kg Dry	452	DB		01/12/2007	
SW 846 8260B	Benzene	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	Bromobenzene	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	Bromochloromethane	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	Bromodichloromethane	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	Bromoform	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	Bromomethane	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	Methyl Ethyl Ketone	N/D	µg/Kg Dry	452	DB		01/12/2007	
SW 846 8260B	N-butylbenzene	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	Sec-butylbenzene	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	Tert-butylbenzene	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	Carbon Disulfide	N/D	µg/Kg Dry	452	DB		01/12/2007	
SW 846 8260B	Carbon Tetrachloride	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	Chlorobenzene	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	Chloroethane	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	2-Chloroethyl Vinyl Ether	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	Chloroform	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	Chloromethane	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	2-Chlorotoluene	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	4-Chlorotoluene	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	4-Isopropyltoluene	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	Isopropylbenzene	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	1,2-Dibromo-3-chloropropane	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	Dibromochloromethane	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	Dibromomethane	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	1,2-Dichlorobenzene	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	1,3-Dichlorobenzene	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	1,4-Dichlorobenzene	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	Dichlorodifluoromethane	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	1,1-Dichloroethane	N/D	µg/Kg Dry	45	DB		01/12/2007	

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Detroit, MI 48226-3268

Test Report
Order ID: 0701068
MAS Sample #: 070110032
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-13 (0-0.5)

Physical Description: Soil

Sample Date/Time: 01/10/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8260B	1,2-Dichloroethane	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	1,1-Dichloropropene	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	Cis-1,2-dichloroethene	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	Trans-1,2-dichloroethene	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	1,2-Dichloropropane	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	1,3-Dichloropropane	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	2,2-Dichloropropane	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	1,1-Dichloroethene	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	Cis-1,3-dichloropropene	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	Trans-1,3-dichloropropene	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	1,2-Dibromoethane	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	Ethylbenzene	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	2-Methylnaphthalene	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	Methyl T-Butyl Ether	N/D	µg/Kg Dry	452	DB		01/12/2007	
SW 846 8260B	Methylene Chloride	N/D	µg/Kg Dry	226	DB		01/12/2007	
SW 846 8260B	n-Propyl Benzene	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	2-Hexanone	N/D	µg/Kg Dry	452	DB		01/12/2007	
SW 846 8260B	Methyl Isobutyl Ketone	N/D	µg/Kg Dry	452	DB		01/12/2007	
SW 846 8260B	Styrene	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	Naphthalene	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	1,1,1,2-Tetrachloroethane	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	1,1,2,2-Tetrachloroethane	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	Tetrachloroethene	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	Toluene	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	1,2,3-Trichlorobenzene	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	1,2,4-Trichlorobenzene	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	1,1,1-Trichloroethane	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	1,1,2-Trichloroethane	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	Trichloroethene	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	Trichlorofluoromethane	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	1,2,3-Trichloropropane	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	1,2,3-Trimethylbenzene	N/D	µg/Kg Dry	45	DB		01/12/2007	

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AKT Peerless Environmental Services
607 Shelby St
Detroit, MI 48226-3268

Test Report
Order ID: 0701068
MAS Sample #: 070110032
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-13 (0-0.5)

Physical Description: Soil

Sample Date/Time: 01/10/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8260B	1,2,4-Trimethylbenzene	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	1,3,5-Trimethylbenzene	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	Vinyl Acetate	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	Vinyl Chloride	N/D	µg/Kg Dry	45	DB		01/12/2007	
SW 846 8260B	Xylene (Total)	N/D	µg/Kg Dry	136	DB		01/12/2007	

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Test Report
Order ID: 0701068
MAS Sample #: 070110033
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-13 (4-6)

Physical Description: Soil

Sample Date/Time: 01/10/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
	Total Metals:					01/12/2007		
SW 846 6010B	Arsenic	2400	µg/Kg Dry	119	MV		01/16/2007	
SW 846 6010B	Barium	40000	µg/Kg Dry	93	MV		01/16/2007	
SW 846 6010B	Cadmium	180	µg/Kg Dry	56	MV		01/16/2007	
SW 846 6010B	Chromium	9400	µg/Kg Dry	93	MV		01/16/2007	
SW 846 6010B	Copper	8900	µg/Kg Dry	93	MV		01/16/2007	
SW 846 6010B	Lead	7000	µg/Kg Dry	98	MV		01/16/2007	
SW 846 7471A	Mercury	N/D	µg/Kg Dry	25	MV		01/16/2007	
SW 846 6010B	Selenium	N/D	µg/Kg Dry	167	MV		01/16/2007	
SW 846 6010B	Silver	N/D	µg/Kg Dry	93	MV		01/16/2007	
SW 846 6010B	Zinc	27000	µg/Kg Dry	93	MV		01/16/2007	
SW 846 8270C	Polynuclear Aromatic Hydrocarbons:				DC	01/12/2007	01/13/2007	
SW 846 8270C	Acenaphthene	N/D	µg/Kg Dry	247	DC		01/13/2007	
SW 846 8270C	Acenaphthylene	N/D	µg/Kg Dry	247	DC		01/13/2007	
SW 846 8270C	Anthracene	N/D	µg/Kg Dry	247	DC		01/13/2007	
SW 846 8270C	Benzo(a)anthracene	N/D	µg/Kg Dry	247	DC		01/13/2007	
SW 846 8270C	Benzo(b)fluoranthene	N/D	µg/Kg Dry	247	DC		01/13/2007	
SW 846 8270C	Benzo(k)fluoranthene	N/D	µg/Kg Dry	247	DC		01/13/2007	
SW 846 8270C	Benzo(g,h,i)perylene	N/D	µg/Kg Dry	247	DC		01/13/2007	
SW 846 8270C	Benzo [a]pyrene	N/D	µg/Kg Dry	247	DC		01/13/2007	
SW 846 8270C	beta-Chloronaphthalene	N/D	µg/Kg Dry	247	DC		01/13/2007	
SW 846 8270C	Chrysene	N/D	µg/Kg Dry	247	DC		01/13/2007	
SW 846 8270C	Dibenz(a,h)anthracene	N/D	µg/Kg Dry	247	DC		01/13/2007	
SW 846 8270C	Fluoranthene	N/D	µg/Kg Dry	247	DC		01/13/2007	
SW 846 8270C	Fluorene	N/D	µg/Kg Dry	247	DC		01/13/2007	
SW 846 8270C	Indeno(1,2,3-cd)pyrene	N/D	µg/Kg Dry	247	DC		01/13/2007	
SW 846 8270C	2-Methylnaphthalene	N/D	µg/Kg Dry	247	DC		01/13/2007	
SW 846 8270C	Naphthalene	N/D	µg/Kg Dry	247	DC		01/13/2007	
SW 846 8270C	Phenanthrene	N/D	µg/Kg Dry	247	DC		01/13/2007	
SW 846 8270C	Pyrene	N/D	µg/Kg Dry	247	DC		01/13/2007	
SW 846 8260B	Volatile Organic Compounds:				DB	01/12/2006	01/12/2007	
SW 846 8260B	Acetone	N/D	µg/Kg Dry	368	DB		01/12/2007	

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AKT Peerless Environmental Services
607 Shelby St
Detroit, MI 48226-3268

Test Report
Order ID: 0701068
MAS Sample #: 070110033
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-13 (4-6)

Physical Description: Soil

Sample Date/Time: 01/10/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8260B	Acetonitrile	N/D	µg/Kg Dry	368	DB		01/12/2007	
SW 846 8260B	Acrolein	N/D	µg/Kg Dry	184	DB		01/12/2007	
SW 846 8260B	Acrylonitrile	N/D	µg/Kg Dry	368	DB		01/12/2007	
SW 846 8260B	Benzene	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	Bromobenzene	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	Bromochloromethane	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	Bromodichloromethane	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	Bromoform	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	Bromomethane	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	Methyl Ethyl Ketone	N/D	µg/Kg Dry	368	DB		01/12/2007	
SW 846 8260B	N-butylbenzene	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	Sec-butylbenzene	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	Tert-butylbenzene	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	Carbon Disulfide	N/D	µg/Kg Dry	368	DB		01/12/2007	
SW 846 8260B	Carbon Tetrachloride	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	Chlorobenzene	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	Chloroethane	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	2-Chloroethyl Vinyl Ether	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	Chloroform	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	Chloromethane	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	2-Chlorotoluene	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	4-Chlorotoluene	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	4-Isopropyltoluene	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	Isopropylbenzene	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	1,2-Dibromo-3-chloropropane	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	Dibromochloromethane	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	Dibromomethane	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	1,2-Dichlorobenzene	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	1,3-Dichlorobenzene	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	1,4-Dichlorobenzene	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	Dichlorodifluoromethane	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	1,1-Dichloroethane	N/D	µg/Kg Dry	37	DB		01/12/2007	

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AKT Peerless Environmental Services
607 Shelby St
Detroit, MI 48226-3268

Test Report
Order ID: 0701068
MAS Sample #: 070110033
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-13 (4-6)

Physical Description: Soil

Sample Date/Time: 01/10/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8260B	1,2-Dichloroethane	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	1,1-Dichloropropene	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	Cis-1,2-dichloroethene	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	Trans-1,2-dichloroethene	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	1,2-Dichloropropane	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	1,3-Dichloropropane	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	2,2-Dichloropropane	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	1,1-Dichloroethene	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	Cis-1,3-dichloropropene	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	Trans-1,3-dichloropropene	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	1,2-Dibromoethane	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	Ethylbenzene	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	2-Methylnaphthalene	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	Methyl T-Butyl Ether	N/D	µg/Kg Dry	368	DB		01/12/2007	
SW 846 8260B	Methylene Chloride	N/D	µg/Kg Dry	184	DB		01/12/2007	
SW 846 8260B	n-Propyl Benzene	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	2-Hexanone	N/D	µg/Kg Dry	368	DB		01/12/2007	
SW 846 8260B	Methyl Isobutyl Ketone	N/D	µg/Kg Dry	368	DB		01/12/2007	
SW 846 8260B	Styrene	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	Naphthalene	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	1,1,1,2-Tetrachloroethane	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	1,1,2,2-Tetrachloroethane	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	Tetrachloroethene	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	Toluene	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	1,2,3-Trichlorobenzene	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	1,2,4-Trichlorobenzene	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	1,1,1-Trichloroethane	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	1,1,2-Trichloroethane	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	Trichloroethene	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	Trichlorofluoromethane	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	1,2,3-Trichloropropane	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	1,2,3-Trimethylbenzene	N/D	µg/Kg Dry	37	DB		01/12/2007	

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AKT Peerless Environmental Services
607 Shelby St
Detroit, MI 48226-3268

Test Report
Order ID: 0701068
MAS Sample #: 070110033
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-13 (4-6)

Physical Description: Soil

Sample Date/Time: 01/10/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8260B	1,2,4-Trimethylbenzene	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	1,3,5-Trimethylbenzene	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	Vinyl Acetate	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	Vinyl Chloride	N/D	µg/Kg Dry	37	DB		01/12/2007	
SW 846 8260B	Xylene (Total)	N/D	µg/Kg Dry	110	DB		01/12/2007	

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Detroit, MI 48226-3268

Test Report
Order ID: 0701068
MAS Sample #: 070110034
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-13 (10-12)

Physical Description: Soil

Sample Date/Time: 01/10/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
	Total Metals:					01/12/2007		
SW 846 6010B	Arsenic	2000	µg/Kg Dry	117	MV		01/16/2007	
SW 846 6010B	Barium	27000	µg/Kg Dry	91	MV		01/16/2007	
SW 846 6010B	Cadmium	N/D	µg/Kg Dry	55	MV		01/16/2007	
SW 846 6010B	Chromium	8900	µg/Kg Dry	91	MV		01/16/2007	
SW 846 6010B	Copper	10000	µg/Kg Dry	91	MV		01/16/2007	
SW 846 6010B	Lead	4300	µg/Kg Dry	97	MV		01/16/2007	
SW 846 7471A	Mercury	N/D	µg/Kg Dry	24	MV		01/16/2007	
SW 846 6010B	Selenium	N/D	µg/Kg Dry	165	MV		01/16/2007	
SW 846 6010B	Silver	N/D	µg/Kg Dry	91	MV		01/16/2007	
SW 846 6010B	Zinc	24000	µg/Kg Dry	91	MV		01/16/2007	
SW 846 8270C	Polynuclear Aromatic Hydrocarbons:				DC	01/12/2007	01/13/2007	
SW 846 8270C	Acenaphthene	N/D	µg/Kg Dry	244	DC		01/13/2007	
SW 846 8270C	Acenaphthylene	N/D	µg/Kg Dry	244	DC		01/13/2007	
SW 846 8270C	Anthracene	N/D	µg/Kg Dry	244	DC		01/13/2007	
SW 846 8270C	Benzo(a)anthracene	N/D	µg/Kg Dry	244	DC		01/13/2007	
SW 846 8270C	Benzo(b)fluoranthene	N/D	µg/Kg Dry	244	DC		01/13/2007	
SW 846 8270C	Benzo(k)fluoranthene	N/D	µg/Kg Dry	244	DC		01/13/2007	
SW 846 8270C	Benzo(g,h,i)perylene	N/D	µg/Kg Dry	244	DC		01/13/2007	
SW 846 8270C	Benzo [a]pyrene	N/D	µg/Kg Dry	244	DC		01/13/2007	
SW 846 8270C	beta-Chloronaphthalene	N/D	µg/Kg Dry	244	DC		01/13/2007	
SW 846 8270C	Chrysene	N/D	µg/Kg Dry	244	DC		01/13/2007	
SW 846 8270C	Dibenz(a,h)anthracene	N/D	µg/Kg Dry	244	DC		01/13/2007	
SW 846 8270C	Fluoranthene	N/D	µg/Kg Dry	244	DC		01/13/2007	
SW 846 8270C	Fluorene	N/D	µg/Kg Dry	244	DC		01/13/2007	
SW 846 8270C	Indeno(1,2,3-cd)pyrene	N/D	µg/Kg Dry	244	DC		01/13/2007	
SW 846 8270C	2-Methylnaphthalene	N/D	µg/Kg Dry	244	DC		01/13/2007	
SW 846 8270C	Naphthalene	N/D	µg/Kg Dry	244	DC		01/13/2007	
SW 846 8270C	Phenanthrene	N/D	µg/Kg Dry	244	DC		01/13/2007	
SW 846 8270C	Pyrene	N/D	µg/Kg Dry	244	DC		01/13/2007	
SW 846 8260B	Volatile Organic Compounds:				DB	01/12/2006	01/12/2007	
SW 846 8260B	Acetone	N/D	µg/Kg Dry	252	DB		01/12/2007	

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607 Shelby St
Detroit, MI 48226-3268

Test Report
Order ID: 0701068
MAS Sample #: 070110034
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-13 (10-12)

Physical Description: Soil

Sample Date/Time: 01/10/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8260B	Acetonitrile	N/D	µg/Kg Dry	252	DB		01/12/2007	
SW 846 8260B	Acrolein	N/D	µg/Kg Dry	126	DB		01/12/2007	
SW 846 8260B	Acrylonitrile	N/D	µg/Kg Dry	252	DB		01/12/2007	
SW 846 8260B	Benzene	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	Bromobenzene	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	Bromochloromethane	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	Bromodichloromethane	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	Bromoform	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	Bromomethane	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	Methyl Ethyl Ketone	N/D	µg/Kg Dry	252	DB		01/12/2007	
SW 846 8260B	N-butylbenzene	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	Sec-butylbenzene	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	Tert-butylbenzene	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	Carbon Disulfide	N/D	µg/Kg Dry	252	DB		01/12/2007	
SW 846 8260B	Carbon Tetrachloride	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	Chlorobenzene	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	Chloroethane	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	2-Chloroethyl Vinyl Ether	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	Chloroform	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	Chloromethane	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	2-Chlorotoluene	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	4-Chlorotoluene	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	4-Isopropyltoluene	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	Isopropylbenzene	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	1,2-Dibromo-3-chloropropane	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	Dibromochloromethane	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	Dibromomethane	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	1,2-Dichlorobenzene	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	1,3-Dichlorobenzene	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	1,4-Dichlorobenzene	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	Dichlorodifluoromethane	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	1,1-Dichloroethane	N/D	µg/Kg Dry	25	DB		01/12/2007	

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Test Report
Order ID: 0701068
MAS Sample #: 070110034
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-13 (10-12)

Physical Description: Soil

Sample Date/Time: 01/10/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8260B	1,2-Dichloroethane	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	1,1-Dichloropropene	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	Cis-1,2-dichloroethene	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	Trans-1,2-dichloroethene	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	1,2-Dichloropropane	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	1,3-Dichloropropane	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	2,2-Dichloropropane	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	1,1-Dichloroethene	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	Cis-1,3-dichloropropene	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	Trans-1,3-dichloropropene	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	1,2-Dibromoethane	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	Ethylbenzene	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	2-Methylnaphthalene	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	Methyl T-Butyl Ether	N/D	µg/Kg Dry	252	DB		01/12/2007	
SW 846 8260B	Methylene Chloride	N/D	µg/Kg Dry	126	DB		01/12/2007	
SW 846 8260B	n-Propyl Benzene	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	2-Hexanone	N/D	µg/Kg Dry	252	DB		01/12/2007	
SW 846 8260B	Methyl Isobutyl Ketone	N/D	µg/Kg Dry	252	DB		01/12/2007	
SW 846 8260B	Styrene	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	Naphthalene	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	1,1,1,2-Tetrachloroethane	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	1,1,2,2-Tetrachloroethane	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	Tetrachloroethene	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	Toluene	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	1,2,3-Trichlorobenzene	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	1,2,4-Trichlorobenzene	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	1,1,1-Trichloroethane	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	1,1,2-Trichloroethane	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	Trichloroethene	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	Trichlorofluoromethane	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	1,2,3-Trichloropropane	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	1,2,3-Trimethylbenzene	N/D	µg/Kg Dry	25	DB		01/12/2007	

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AKT Peerless Environmental Services
607 Shelby St
Detroit, MI 48226-3268

Test Report
Order ID: 0701068
MAS Sample #: 070110034
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-13 (10-12)

Physical Description: Soil

Sample Date/Time: 01/10/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8260B	1,2,4-Trimethylbenzene	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	1,3,5-Trimethylbenzene	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	Vinyl Acetate	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	Vinyl Chloride	N/D	µg/Kg Dry	25	DB		01/12/2007	
SW 846 8260B	Xylene (Total)	N/D	µg/Kg Dry	76	DB		01/12/2007	

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Test Report
Order ID: 0701068
MAS Sample #: 070110035
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-14 (3-5)

Physical Description: Soil

Sample Date/Time: 01/10/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
	Total Metals:					01/12/2007		
SW 846 6010B	Arsenic	4600	µg/Kg Dry	119	MV		01/16/2007	
SW 846 6010B	Barium	61000	µg/Kg Dry	93	MV		01/16/2007	
SW 846 6010B	Cadmium	N/D	µg/Kg Dry	56	MV		01/16/2007	
SW 846 6010B	Chromium	14000	µg/Kg Dry	93	MV		01/16/2007	
SW 846 6010B	Copper	11000	µg/Kg Dry	93	MV		01/16/2007	
SW 846 6010B	Lead	26000	µg/Kg Dry	98	MV		01/16/2007	
SW 846 7471A	Mercury	170	µg/Kg Dry	25	MV		01/16/2007	
SW 846 6010B	Selenium	N/D	µg/Kg Dry	167	MV		01/16/2007	
SW 846 6010B	Silver	N/D	µg/Kg Dry	93	MV		01/16/2007	
SW 846 6010B	Zinc	44000	µg/Kg Dry	93	MV		01/16/2007	
SW 846 8270C	Polynuclear Aromatic Hydrocarbons:				DC	01/12/2007	01/13/2007	
SW 846 8270C	Acenaphthene	N/D	µg/Kg Dry	247	DC		01/13/2007	
SW 846 8270C	Acenaphthylene	N/D	µg/Kg Dry	247	DC		01/13/2007	
SW 846 8270C	Anthracene	N/D	µg/Kg Dry	247	DC		01/13/2007	
SW 846 8270C	Benzo(a)anthracene	N/D	µg/Kg Dry	247	DC		01/13/2007	
SW 846 8270C	Benzo(b)fluoranthene	N/D	µg/Kg Dry	247	DC		01/13/2007	
SW 846 8270C	Benzo(k)fluoranthene	N/D	µg/Kg Dry	247	DC		01/13/2007	
SW 846 8270C	Benzo(g,h,i)perylene	N/D	µg/Kg Dry	247	DC		01/13/2007	
SW 846 8270C	Benzo [a]pyrene	N/D	µg/Kg Dry	247	DC		01/13/2007	
SW 846 8270C	beta-Chloronaphthalene	N/D	µg/Kg Dry	247	DC		01/13/2007	
SW 846 8270C	Chrysene	N/D	µg/Kg Dry	247	DC		01/13/2007	
SW 846 8270C	Dibenz(a,h)anthracene	N/D	µg/Kg Dry	247	DC		01/13/2007	
SW 846 8270C	Fluoranthene	N/D	µg/Kg Dry	247	DC		01/13/2007	
SW 846 8270C	Fluorene	N/D	µg/Kg Dry	247	DC		01/13/2007	
SW 846 8270C	Indeno(1,2,3-cd)pyrene	N/D	µg/Kg Dry	247	DC		01/13/2007	
SW 846 8270C	2-Methylnaphthalene	N/D	µg/Kg Dry	247	DC		01/13/2007	
SW 846 8270C	Naphthalene	N/D	µg/Kg Dry	247	DC		01/13/2007	
SW 846 8270C	Phenanthrene	N/D	µg/Kg Dry	247	DC		01/13/2007	
SW 846 8270C	Pyrene	N/D	µg/Kg Dry	247	DC		01/13/2007	
SW 846 8260B	Volatile Organic Compounds:				DB	01/12/2006	01/12/2007	
SW 846 8260B	Acetone	N/D	µg/Kg Dry	317	DB		01/12/2007	

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AKT Peerless Environmental Services
607 Shelby St
Detroit, MI 48226-3268

Test Report
Order ID: 0701068
MAS Sample #: 070110035
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-14 (3-5)

Physical Description: Soil

Sample Date/Time: 01/10/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8260B	Acetonitrile	N/D	µg/Kg Dry	317	DB		01/12/2007	
SW 846 8260B	Acrolein	N/D	µg/Kg Dry	159	DB		01/12/2007	
SW 846 8260B	Acrylonitrile	N/D	µg/Kg Dry	317	DB		01/12/2007	
SW 846 8260B	Benzene	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	Bromobenzene	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	Bromochloromethane	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	Bromodichloromethane	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	Bromoform	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	Bromomethane	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	Methyl Ethyl Ketone	N/D	µg/Kg Dry	317	DB		01/12/2007	
SW 846 8260B	N-butylbenzene	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	Sec-butylbenzene	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	Tert-butylbenzene	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	Carbon Disulfide	N/D	µg/Kg Dry	317	DB		01/12/2007	
SW 846 8260B	Carbon Tetrachloride	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	Chlorobenzene	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	Chloroethane	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	2-Chloroethyl Vinyl Ether	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	Chloroform	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	Chloromethane	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	2-Chlorotoluene	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	4-Chlorotoluene	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	4-Isopropyltoluene	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	Isopropylbenzene	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	1,2-Dibromo-3-chloropropane	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	Dibromochloromethane	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	Dibromomethane	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	1,2-Dichlorobenzene	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	1,3-Dichlorobenzene	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	1,4-Dichlorobenzene	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	Dichlorodifluoromethane	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	1,1-Dichloroethane	N/D	µg/Kg Dry	32	DB		01/12/2007	

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Test Report
Order ID: 0701068
MAS Sample #: 070110035
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-14 (3-5)

Physical Description: Soil

Sample Date/Time: 01/10/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8260B	1,2-Dichloroethane	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	1,1-Dichloropropene	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	Cis-1,2-dichloroethene	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	Trans-1,2-dichloroethene	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	1,2-Dichloropropane	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	1,3-Dichloropropane	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	2,2-Dichloropropane	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	1,1-Dichloroethene	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	Cis-1,3-dichloropropene	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	Trans-1,3-dichloropropene	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	1,2-Dibromoethane	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	Ethylbenzene	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	2-Methylnaphthalene	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	Methyl T-Butyl Ether	N/D	µg/Kg Dry	317	DB		01/12/2007	
SW 846 8260B	Methylene Chloride	N/D	µg/Kg Dry	159	DB		01/12/2007	
SW 846 8260B	n-Propyl Benzene	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	2-Hexanone	N/D	µg/Kg Dry	317	DB		01/12/2007	
SW 846 8260B	Methyl Isobutyl Ketone	N/D	µg/Kg Dry	317	DB		01/12/2007	
SW 846 8260B	Styrene	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	Naphthalene	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	1,1,1,2-Tetrachloroethane	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	1,1,2,2-Tetrachloroethane	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	Tetrachloroethene	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	Toluene	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	1,2,3-Trichlorobenzene	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	1,2,4-Trichlorobenzene	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	1,1,1-Trichloroethane	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	1,1,2-Trichloroethane	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	Trichloroethene	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	Trichlorofluoromethane	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	1,2,3-Trichloropropane	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	1,2,3-Trimethylbenzene	N/D	µg/Kg Dry	32	DB		01/12/2007	

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Test Report
Order ID: 0701068
MAS Sample #: 070110035
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: B-14 (3-5)

Physical Description: Soil

Sample Date/Time: 01/10/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8260B	1,2,4-Trimethylbenzene	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	1,3,5-Trimethylbenzene	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	Vinyl Acetate	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	Vinyl Chloride	N/D	µg/Kg Dry	32	DB		01/12/2007	
SW 846 8260B	Xylene (Total)	N/D	µg/Kg Dry	95	DB		01/12/2007	

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Detroit, MI 48226-3268

Test Report
Order ID: 0701068
MAS Sample #: 070110036
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: CW-1

Physical Description: Wipe

Sample Date/Time: 01/09/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8082	PCB:				DB	01/11/2007	01/12/2007	
SW 846 8082	Aroclor - 1016	N/D	µg/wipe	1.3	DB		01/12/2007	
SW 846 8082	Aroclor - 1221	N/D	µg/wipe	1.3	DB		01/12/2007	
SW 846 8082	Aroclor - 1232	N/D	µg/wipe	1.3	DB		01/12/2007	
SW 846 8082	Aroclor - 1242	N/D	µg/wipe	1.3	DB		01/12/2007	
SW 846 8082	Aroclor - 1248	N/D	µg/wipe	1.3	DB		01/12/2007	
SW 846 8082	Aroclor - 1254	N/D	µg/wipe	1.3	DB		01/12/2007	
SW 846 8082	Aroclor - 1260	N/D	µg/wipe	1.3	DB		01/12/2007	

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Test Report
Order ID: 0701068
MAS Sample #: 070110037
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: CW-2

Physical Description: Wipe

Sample Date/Time: 01/09/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8082	PCB:				DB	01/11/2007	01/12/2007	
SW 846 8082	Aroclor - 1016	N/D	µg/wipe	1.3	DB		01/12/2007	
SW 846 8082	Aroclor - 1221	N/D	µg/wipe	1.3	DB		01/12/2007	
SW 846 8082	Aroclor - 1232	N/D	µg/wipe	1.3	DB		01/12/2007	
SW 846 8082	Aroclor - 1242	N/D	µg/wipe	1.3	DB		01/12/2007	
SW 846 8082	Aroclor - 1248	N/D	µg/wipe	1.3	DB		01/12/2007	
SW 846 8082	Aroclor - 1254	N/D	µg/wipe	1.3	DB		01/12/2007	
SW 846 8082	Aroclor - 1260	N/D	µg/wipe	1.3	DB		01/12/2007	

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Test Report
Order ID: 0701068
MAS Sample #: 070110038
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: CW-3

Physical Description: Wipe

Sample Date/Time: 01/09/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8082	PCB:				DB	01/11/2007	01/12/2007	
SW 846 8082	Aroclor - 1016	N/D	µg/wipe	1.3	DB		01/12/2007	
SW 846 8082	Aroclor - 1221	N/D	µg/wipe	1.3	DB		01/12/2007	
SW 846 8082	Aroclor - 1232	N/D	µg/wipe	1.3	DB		01/12/2007	
SW 846 8082	Aroclor - 1242	N/D	µg/wipe	1.3	DB		01/12/2007	
SW 846 8082	Aroclor - 1248	N/D	µg/wipe	1.3	DB		01/12/2007	
SW 846 8082	Aroclor - 1254	N/D	µg/wipe	1.3	DB		01/12/2007	
SW 846 8082	Aroclor - 1260	N/D	µg/wipe	1.3	DB		01/12/2007	

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Test Report
Order ID: 0701068
MAS Sample #: 070110039
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: CW-4

Physical Description: Wipe

Sample Date/Time: 01/09/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8082	PCB:				DB	01/11/2007	01/12/2007	
SW 846 8082	Aroclor - 1016	N/D	µg/wipe	1.3	DB		01/12/2007	
SW 846 8082	Aroclor - 1221	N/D	µg/wipe	1.3	DB		01/12/2007	
SW 846 8082	Aroclor - 1232	N/D	µg/wipe	1.3	DB		01/12/2007	
SW 846 8082	Aroclor - 1242	N/D	µg/wipe	1.3	DB		01/12/2007	
SW 846 8082	Aroclor - 1248	N/D	µg/wipe	1.3	DB		01/12/2007	
SW 846 8082	Aroclor - 1254	N/D	µg/wipe	1.3	DB		01/12/2007	
SW 846 8082	Aroclor - 1260	N/D	µg/wipe	1.3	DB		01/12/2007	

Charles Hindbaugh

Charles Hindbaugh
Quality Manager

Midwest Analytical Services, Inc.

"Where industry comes for answers."

2905 Hilton Rd
Ferndale, MI 48220

Phone: (248) 591-6660
MI Only: (888) 801-4MAS
Fax No: (248) 591-6668

All test reports include a chain of custody and a cover sheet.

AKT Peerless Environmental Services
607 Shelby St
Detroit, MI 48226-3268

Test Report
Order ID: 0701068
MAS Sample #: 070110040
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: CW-5

Physical Description: Wipe

Sample Date/Time: 01/09/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8082	PCB:				DB	01/11/2007	01/12/2007	
SW 846 8082	Aroclor - 1016	N/D	µg/wipe	1.3	DB		01/12/2007	
SW 846 8082	Aroclor - 1221	N/D	µg/wipe	1.3	DB		01/12/2007	
SW 846 8082	Aroclor - 1232	N/D	µg/wipe	1.3	DB		01/12/2007	
SW 846 8082	Aroclor - 1242	N/D	µg/wipe	1.3	DB		01/12/2007	
SW 846 8082	Aroclor - 1248	N/D	µg/wipe	1.3	DB		01/12/2007	
SW 846 8082	Aroclor - 1254	N/D	µg/wipe	1.3	DB		01/12/2007	
SW 846 8082	Aroclor - 1260	N/D	µg/wipe	1.3	DB		01/12/2007	

Charles Hindbaugh

Charles Hindbaugh
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Fax No: (248) 591-6668

All test reports include a chain of custody and a cover sheet.

AKT Peerless Environmental Services
607 Shelby St
Detroit, MI 48226-3268

Test Report
Order ID: 0701068
MAS Sample #: 070110041
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: CW-6

Physical Description: Wipe

Sample Date/Time: 01/09/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8082	PCB:				DB	01/11/2007	01/12/2007	
SW 846 8082	Aroclor - 1016	N/D	µg/wipe	1.3	DB		01/12/2007	
SW 846 8082	Aroclor - 1221	N/D	µg/wipe	1.3	DB		01/12/2007	
SW 846 8082	Aroclor - 1232	N/D	µg/wipe	1.3	DB		01/12/2007	
SW 846 8082	Aroclor - 1242	N/D	µg/wipe	1.3	DB		01/12/2007	
SW 846 8082	Aroclor - 1248	N/D	µg/wipe	1.3	DB		01/12/2007	
SW 846 8082	Aroclor - 1254	N/D	µg/wipe	1.3	DB		01/12/2007	
SW 846 8082	Aroclor - 1260	N/D	µg/wipe	1.3	DB		01/12/2007	

Charles Hindbaugh

Charles Hindbaugh
Quality Manager

Midwest Analytical Services, Inc.

"Where industry comes for answers."

2905 Hilton Rd
Ferndale, MI 48220

Phone: (248) 591-6660
MI Only: (888) 801-4MAS
Fax No: (248) 591-6668

All test reports include a chain of custody and a cover sheet.

AKT Peerless Environmental Services
607 Shelby St
Detroit, MI 48226-3268

Test Report
Order ID: 0701068
MAS Sample #: 070110042
Date Completed: 01/17/2007

Project ID: 5324D-2-20

Sample Identification: CW-7

Physical Description: Wipe

Sample Date/Time: 01/09/2007

Method Number	Parameter	Result	Units	EQL	Analyst	Date Prepped	Date Analyzed	Data Flag
SW 846 8082	PCB:				DB	01/11/2007	01/12/2007	
SW 846 8082	Aroclor - 1016	N/D	µg/wipe	1.3	DB		01/12/2007	
SW 846 8082	Aroclor - 1221	N/D	µg/wipe	1.3	DB		01/12/2007	
SW 846 8082	Aroclor - 1232	N/D	µg/wipe	1.3	DB		01/12/2007	
SW 846 8082	Aroclor - 1242	N/D	µg/wipe	1.3	DB		01/12/2007	
SW 846 8082	Aroclor - 1248	N/D	µg/wipe	1.3	DB		01/12/2007	
SW 846 8082	Aroclor - 1254	N/D	µg/wipe	1.3	DB		01/12/2007	
SW 846 8082	Aroclor - 1260	N/D	µg/wipe	1.3	DB		01/12/2007	

Charles Hindbaugh

Charles Hindbaugh
Quality Manager

APPENDIX C

GEOPHYSICAL SURVEY REPORT

Geophysical Imaging, Inc.
7357 Woodshire Ln
Holland, OH 43528
Phone/fax: (419) 868-2902

January 14, 2007

GII Project No. 07-204

Mr. Timothy J. McGahey, CHMM
Senior Project Manager
AKT Peerless Environmental Services
607 Shelby Street, Suite 900
Detroit, Michigan 48226

Geophysical Survey Report
1938 Franklin Street
Detroit, Michigan

Dear Mr. McGahey:

This letter report summarizes the results and interpretations of the geophysical survey performed for AKT Peerless Environmental Services (AKT) by Geophysical Imaging, Inc. (GII) at the above-referenced site. The purpose of the survey was to detect if abandoned underground storage tanks (USTs) are present at the site.

Project Background

According to AKT, one UST was historically present at the site. The status of the UST is unknown.

Field Activities and Data Processing

On January 9, 2007, a combined electromagnetic induction (EM) and ground-penetrating radar (GPR) survey was conducted by GII at the site in the area designated by AKT. In addition, a limited GPR survey was also conducted in accessible areas of the building interior. Figure 1 depicts the approximate areas surveyed and the general site features. The EM survey was performed in "continuous survey" mode along 2.5-foot spaced transects. GII used a GSSI EMP-400 multi-frequency EM profiler with integrated GPS. Two EM exploration frequencies [9,800 Hz (same as used by EM-31) and 12,000 Hz] were selected for the site. Prior to the EM survey, zero in-phase calibration was performed at the site. In "continuous survey" mode, data are acquired at a fixed time interval while the operator walks along a survey line at a steady pace. Both in-phase (metal sensitive) and quadrature (terrain conductivity) measurements were

acquired during the EM survey. These measurements were automatically stored in a wireless data logger, and later downloaded to a computer for subsequent processing. Two software packages were utilized to define suspect areas, MagMap (supplied by E.G. & G. Geometrics) and SURFER (developed by Golden Software). Selected EM measurement contour maps are presented on Figures 2 and 3.

The GPR survey was performed along 5-foot spaced profiles. GII used a GSSI SIR-3000 GPR system with a 400-megahertz (MHz) dipole antenna mounted on a wheeled cart to scan the survey area. Several test scans were completed to observe the overall GPR responses to setup survey parameters prior to the GPR survey. A survey wheel was used to acquire distance-based data at the density of 18 scans per foot. Anomalous reflective objects/structures were noted and marked on the ground surface during the data acquisition. Additional linescans were performed to better understand anomalous targets. The GPR data were automatically stored in a data logger, and later downloaded to a computer for subsequent processing. The data processing consisted of Time-Zero Adjustment (time zero of the vertical scale aligned with the surface reflection) and Background Removal (horizontal banding) to the GPR scans. Targeted GPR linescans are presented on Figure 4.

Results and Interpretations

The EM survey identified one strong EM positive in-phase anomaly at the southwestern portion of the parking area. Two targeted GPR linescans (Linescans B and C) were performed in this anomaly area. Based on the EM and GPR data, this anomaly area was interpreted to represent possible buried metal debris. The EM survey identified two strong EM negative in-phase anomalies at the southeastern portion of the parking area. Four targeted GPR linescans (Linescans E, F, G, and H) were performed in these anomaly areas. Based on the EM and GPR data, these anomaly areas were interpreted to represent possible shallow buried metal debris or rebar concrete. Other EM in-phase anomalies identified during the survey were associated with the known aboveground interference, such as chain link fence, surface metal plates, and overhead bay door, etc. GPR survey identified one backfilled excavation located at the eastern central portion of the building. Two targeted GPR linescans (Linescans A and B) were performed in this anomaly area. Deeper, more chaotic reflection responses were identified on GPR scans. Based on the GPR data and site history, this anomaly area was interpreted to represent a possible UST cavity. Geophysical anomaly characterizing an UST was not identified in the areas surveyed.

Survey Methods and Limitations

The EM operates by driving a transmitter coil with an AC current at audio frequencies to generate a sinusoidal time-varying magnetic field. A receiver coil is positioned on or near the surface of the earth some distance away from the transmitter coil. The transmitted time-varying magnetic field generated by the transmitter coil induces secondary currents to flow in the subsurface, which in turn generate a secondary (induced) magnetic field. Both the induced secondary field, along with the primary field, is detected and recorded at the receiver coil.

The EM instruments contain two sets of coils that are located within opposite sides of the tool. One set of coil is used to transmit a primary magnetic field, which generates electrical current in the ground. The created current then generates a secondary magnetic field, which is sensed by the coils in the receiver end of the instrument. Data is then collected on a control unit indicating the conductivity of the earth. The magnitude of the secondary field is broken into two orthogonal components. The two components of the secondary magnetic field are in-phase (real component) and the quadrature or out-of-phase (imaginary component). For instruments operating within the Low Induction Number (LIN) approximation, the magnitude of the quadrature component of the secondary field is linearly proportional to the apparent conductivity. The in-phase measurement is most sensitive to buried metallic objects and can be used locate buried steel reinforced structures, UST, large utility pipes, and other metallic targets. In the absence of a highly conductive material (e.g. metallic targets) in the subsurface, the magnitude of the in-phase component is dependant on the magnetic susceptibility of the subsurface. The EMP-400 allows multiple frequency measurements at each survey station. The depth of exploration depends on the operating frequencies, target size and shape, and host-target conductivity. Site conditions that can limit, even preclude EM data interpretation include: urban or developed areas, thunderstorms and nearby metallic objects at or above the ground surface such as parked vehicles near the survey stations, rebar concrete, metal siding, overhead power lines, metal fence/guard rail, and manhole covers, etc. Areas of a site that may be difficult or impossible to survey include: steep slopes, standing water areas, overgrown vegetation areas, and obstructed areas.

GPR operates by transmitting pulses of ultra high frequency radio waves (microwave electromagnetic energy) down into the ground through a transducer or antenna. When the transmitted signal enters the ground, it contacts objects or subsurface strata with different electrical conductivities and dielectric constants. Part of the ground penetrating radar waves reflect off of the object or interface; while the rest of the waves pass through to the next interface. The reflected signals return to the antenna, pass through the antenna, and are received by the digital control unit. The control unit registers the reflections against two-way travel time in nanoseconds (ns) and then amplifies the signals. The output signal voltage peaks are plotted on the GPR profile as different color bands by the digital control unit.

GPR waves with 400 MHz frequency typically can reach depths up to 12 feet below ground surface (bgs) in low conductivity materials such as dry sand or granite. Clays, shale, and other high conductivity materials or materials having high moisture, may attenuate or absorb GPR signals, greatly decreasing the depth of penetration to 3 feet bgs or less. Other site conditions that can limit even preclude GPR data acquisition and interpretation include: surface obstructions, uneven ground surface, standing water, cellular tower, rebar concrete, small or shallow buried objects, and over-grown vegetation, etc.

Conclusions

This geophysical survey has identified four anomalies. Geophysical anomaly characterizing an UST was not identified in the areas surveyed. The geophysical results presented herein are interpreted. No warranty, certification, or statement of fact, either expressed or implied, regarding actual subsurface conditions within the surveyed area(s) is contained herein. If uncertainties exist regarding the presence of geophysical anomalies, test pit excavations should be conducted to explore the actual subsurface conditions. No interpretation of subsurface conditions can be made for areas not surveyed or paved with rebar concrete. Please note that the survey data reflect site conditions on the day of the field survey.

GII greatly appreciates this opportunity to provide AKT with our geophysical survey service. If you have any questions, please contact me at (419) 868-2902.

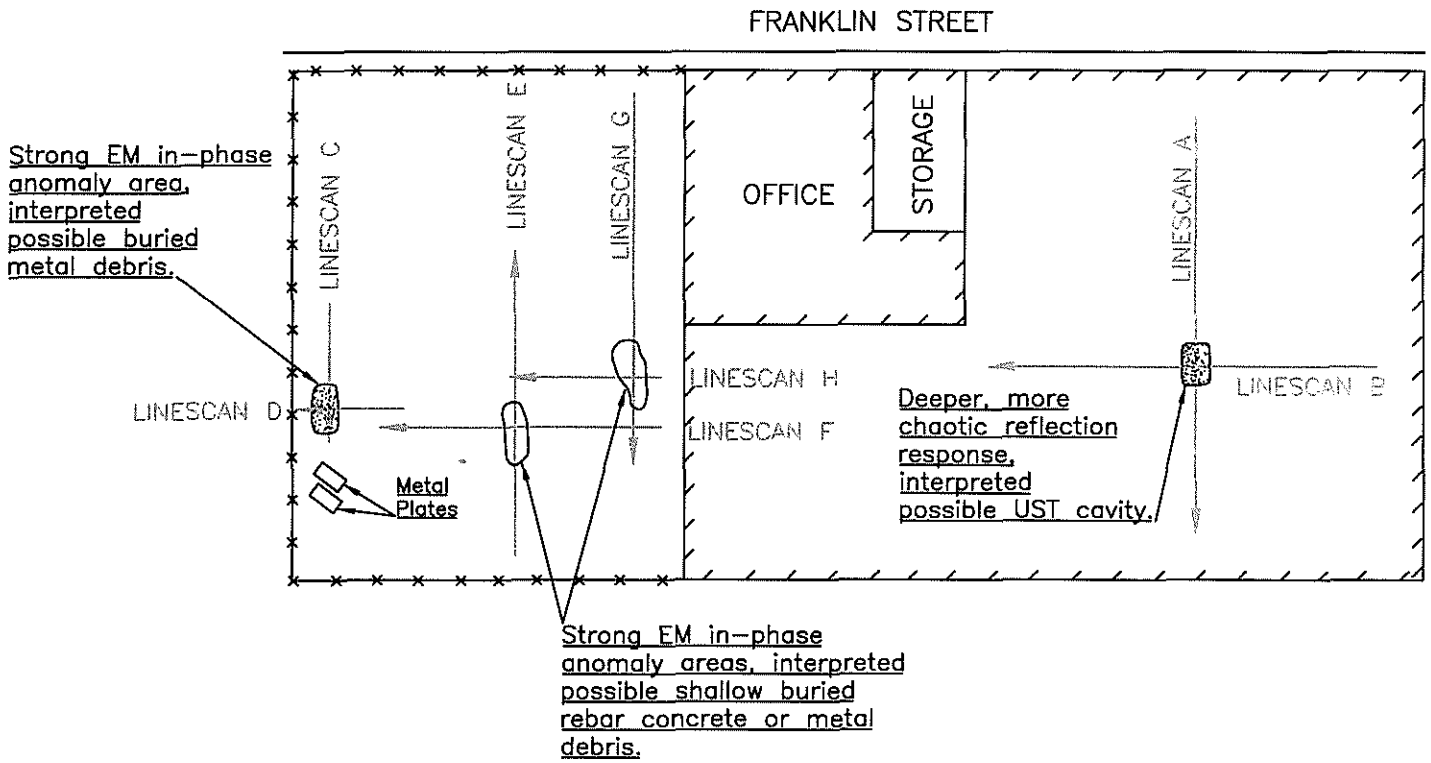
Sincerely,

Geophysical Imaging, Inc.

Ming He
President/Geophysicist

Attachments
Figures 1 – 4

F:\GII\PROJECTS\07-204 AKT DETROIT MI\07-204 AKT DETROIT MI REPORT.DOC



LEGEND:

CHAIN LINK FENCE

APPROXIMATE SCALE – FEET

0 40 80

FIGURE 1
SURVEY DIAGRAM WITH
GEOPHYSICAL INTERPRETATIONS
1938 FRANKLIN STREET
DETROIT, MICHIGAN

Client
AKT PEERLESS ENVIRONMENTAL SERVICES
DETROIT, MICHIGAN

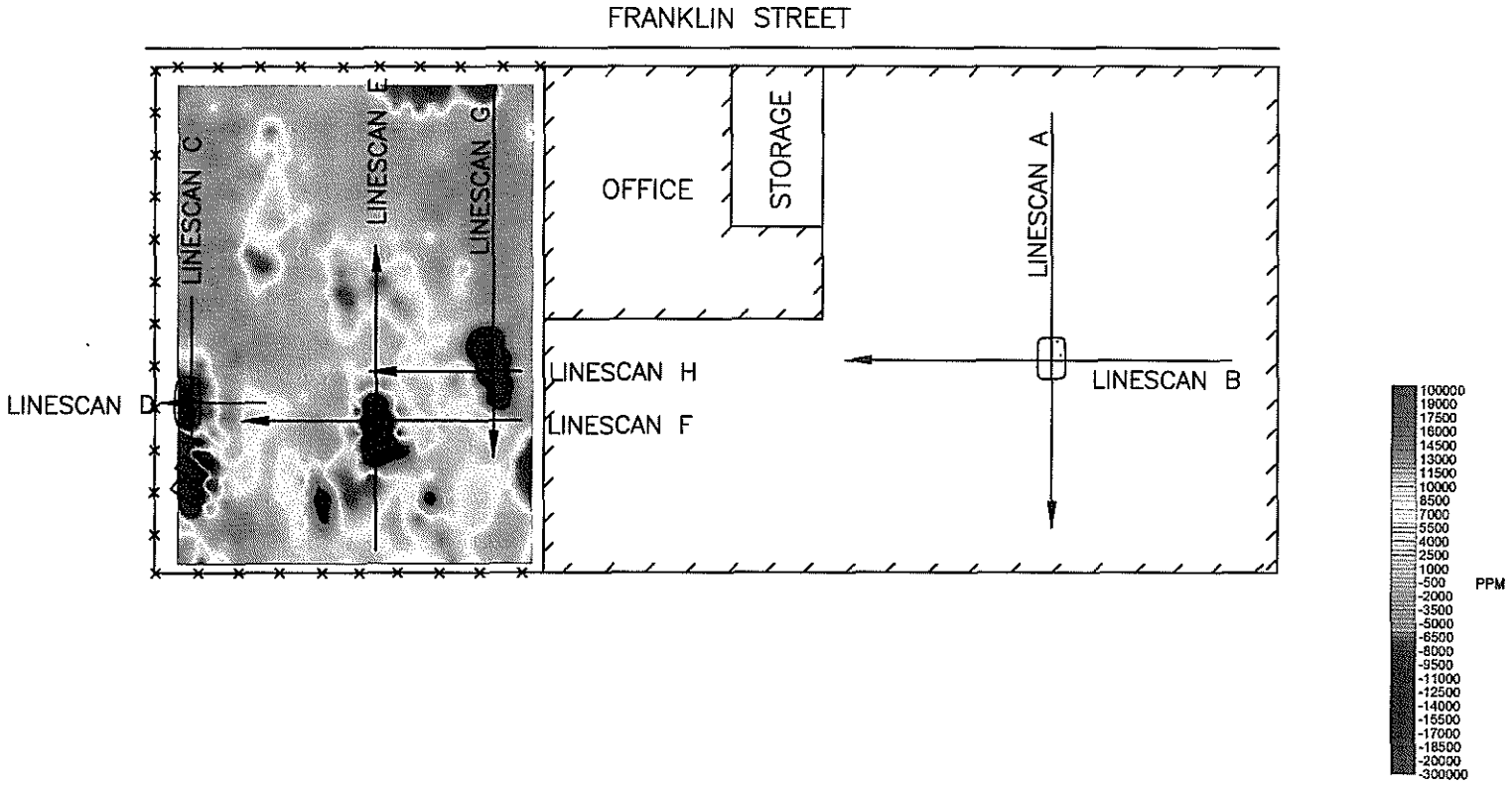
GEOPHYSICAL IMAGING, INC
7357 WOODSHIRE LN
HOLLAND, OH 43528

DRAWN MH

CHECKED

DRAWING NAME
07-204Fig1

Geophysical Imaging



LEGEND:

CHAIN LINK FENCE

APPROXIMATE SCALE – FEET

0 40 80

FIGURE 2
EM IN-PHASE (METAL SENSITIVE)
CONTOUR MAP – 9,800 Hz
1938 FRANKLIN STREET
DETROIT, MICHIGAN

Client
AKT PEERLESS ENVIRONMENTAL SERVICES
DETROIT, MICHIGAN

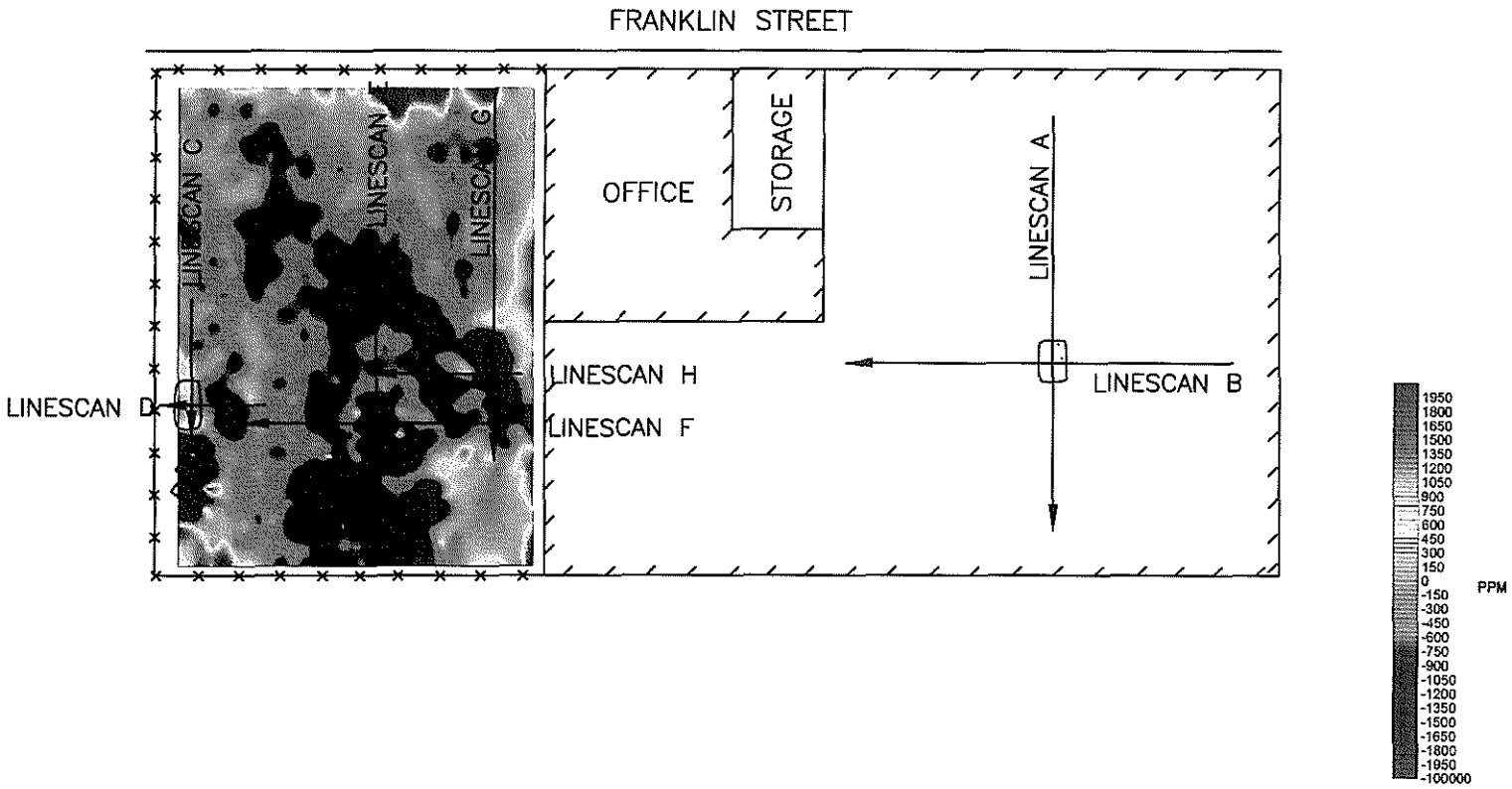
GEOPHYSICAL IMAGING, INC.
7357 WOODSHIRE LN
HOLLAND, OH 43528

DRAWN MH

CHECKED

DRAWING NAME
07-204Fig2

Geophysical Imaging



LEGEND:

CHAIN LINK FENCE

APPROXIMATE SCALE – FEET

0 40 80

FIGURE 3
EM QUADRATURE (TERRAIN CONDUCTIVITY) CONTOUR MAP – 9,800 Hz
1938 FRANKLIN STREET
DETROIT, MICHIGAN

Client
AKT PEERLESS ENVIRONMENTAL SERVICES
DETROIT, MICHIGAN

GEOPHYSICAL IMAGING, INC.
7357 WOODSHIRE LN
HOLLAND, OH 43528

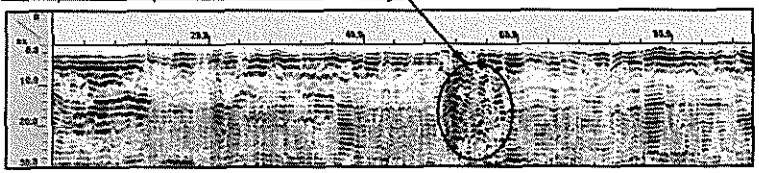
DRAWN MH

CHECKED

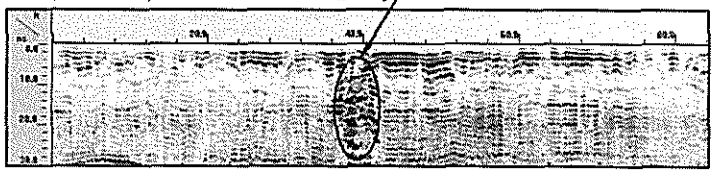
DRAWING NAME
07-204Fig3

Geophysical Imaging

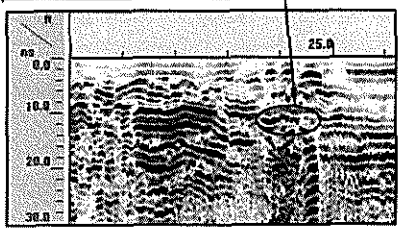
LINESCAN A: deeper, more chaotic reflection response, interpreted possible UST cavity.



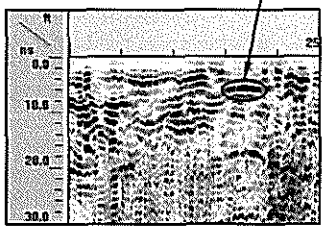
LINESCAN B: deeper, more chaotic reflection response, interpreted possible UST cavity.



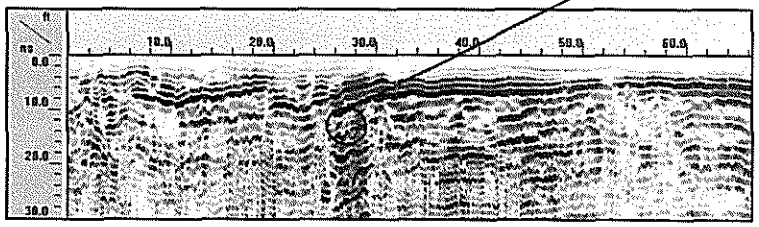
LINESCAN C: strong reflective target responses over strong EM anomaly area, interpreted possible metal debris.



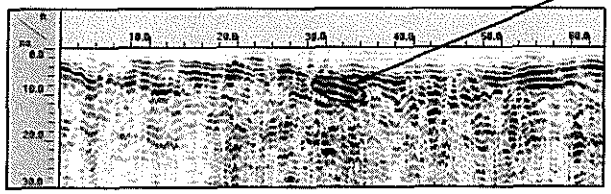
LINESCAN D: strong reflective target responses over strong EM anomaly area, interpreted possible metal debris.



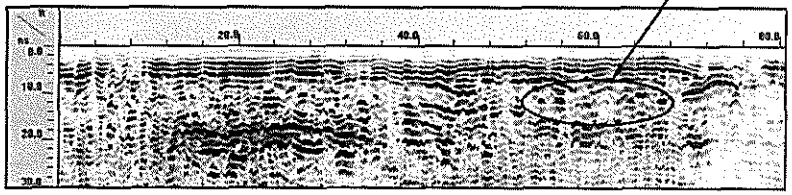
LINESCAN E: strong reflective target responses over strong EM anomaly area, interpreted possible metal debris.



LINESCAN F: strong reflective target responses over strong EM anomaly area, interpreted possible metal debris.



LINESCAN G: strong reflective target responses over strong EM anomaly area, interpreted possible metal debris.



LINESCAN H: strong reflective target responses over strong EM anomaly area, interpreted possible rebar concrete.

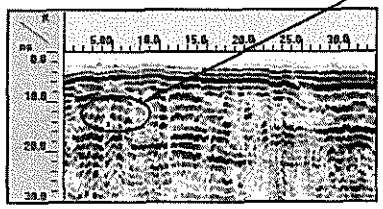


FIGURE 4
TARGETED GPR LINESCANS
LINESCANS A, B, C, D, E, F, G, AND H
1938 FRANKLIN STREET
DETROIT, MICHIGAN

Client
AKT PEERLESS ENVIRONMENTAL SERVICES
DETROIT, MICHIGAN

GEOPHYSICAL IMAGING, INC.
7357 WOODSHIRE LN
HOLLAND, OH 43528

DRAWN MH

CHECKED

DRAWING NAME
07-204Fig4

Geophysical Imaging

APPENDIX D

Legal Description of the Subject Property

Policy or Policies issued pursuant to this commitment are underwritten by:

First American Title Insurance Company

SCHEDULE A

Commitment No.: 211769
2014 Patty Meadows
December 13, 2006

1. Commitment Date: October 20, 2006 @ 8:00 AM

2. Policy or Policies to be issued: Policy Amount
   (a) ALTA Owner's Policy (10-17-92) Without Standard Exceptions $298,000.00

   Proposed Insured:
   RDR Real Estate, LLC, a Michigan limited liability company

   Policy or Policies to be issued: Policy Amount
   (b) ALTA Loan Policy (10-17-92)

   Proposed Insured:

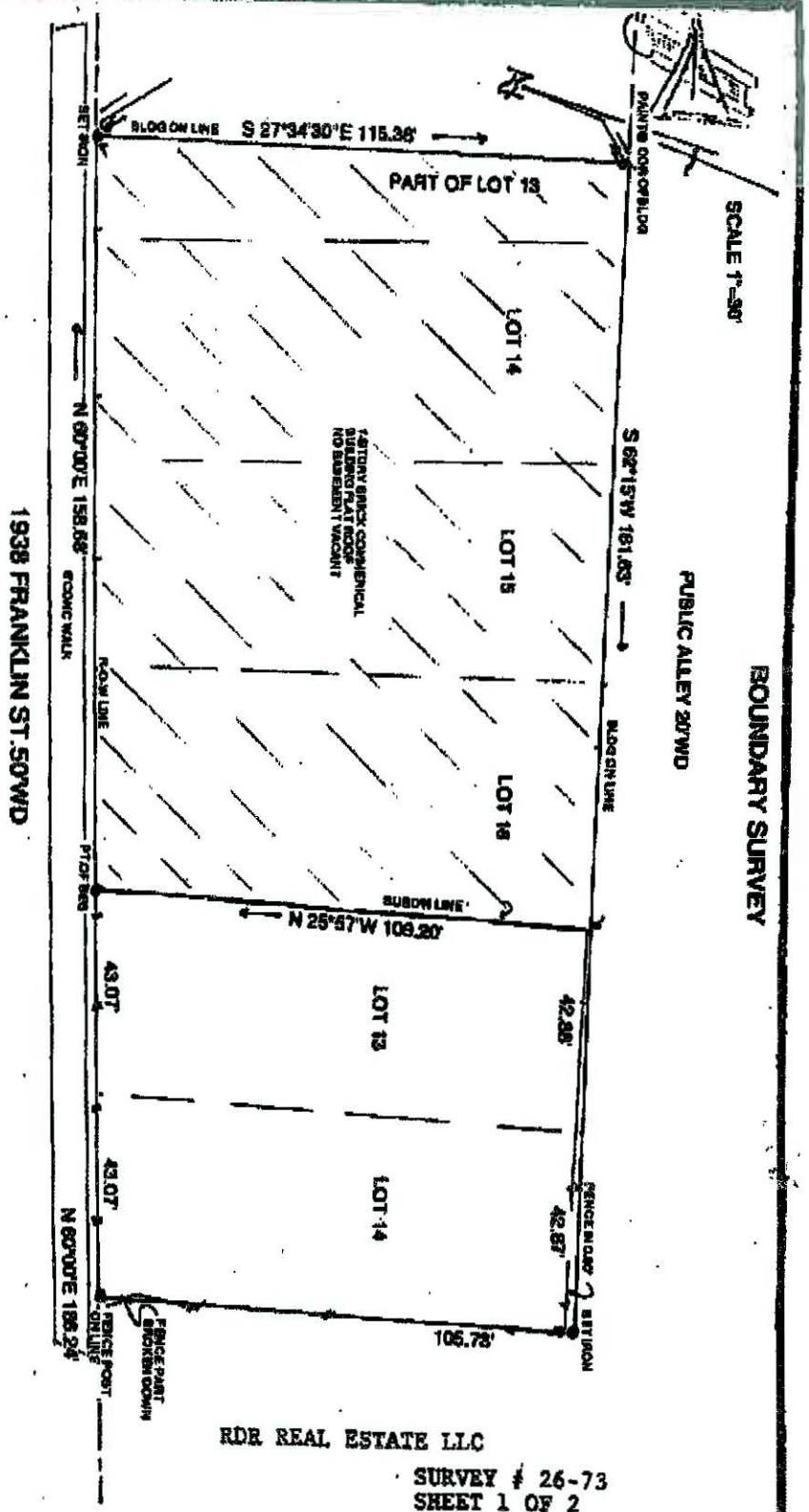
3. The Fee Simple interest in the land described in this Commitment is owned, at the Commitment Date, by:
   Rado, Inc., a Michigan corporation

4. The land referred to in this Commitment, situated in the County of Wayne, City of Detroit, State of Michigan, is described as follows:

(SEE EXHIBIT A LEGAL DESCRIPTION)

1938 Franklin Detroit MI

Issuing Agent: Metropolitan Title Company
America's Premier Title Agency
For questions regarding this commitment contact your local
Metropolitan Title Company (248)540-4102 or fax to (248)540-2428
39400 Woodward Ave., Ste. 135A, Bloomfield Hills, MI 48304



RDR REAL ESTATE LLC

SURVEY # 26-73
SHEET 1 OF 2

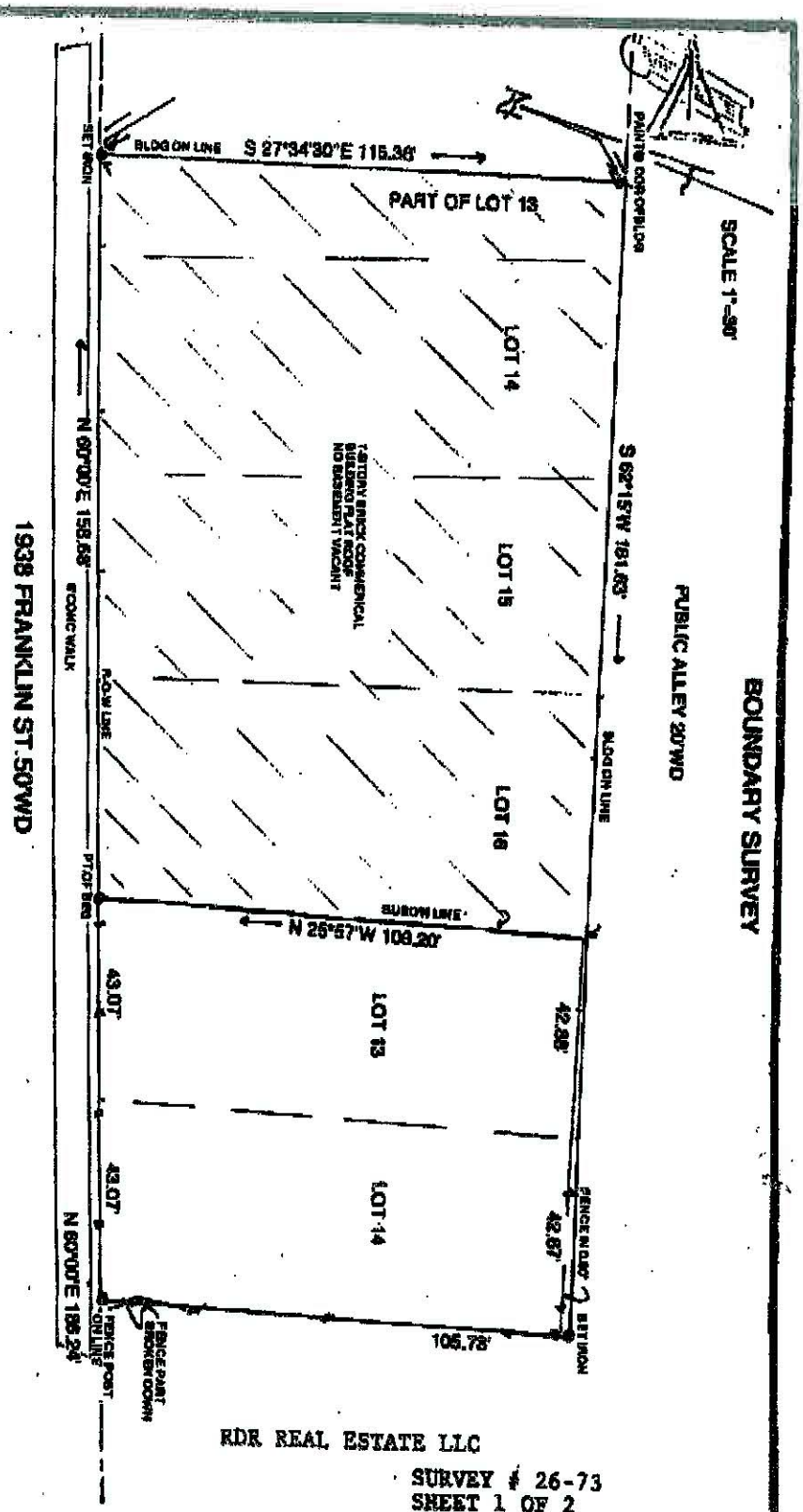
12/19/06

We hereby certify that we have surveyed the parcel hereon delineated in accordance with the legal description as furnished by you and the boundaries and corners of said parcel are as indicated herein and that their exists no encroachments upon said parcel except as otherwise noted.

By Clive Cantor

Clive Cantor, L.S. # 10682

LOUIS CANTOR COMPANY
17600 NORTHLAND PARK COURT
SUITE 201
SOUTHFIELD, MICHIGAN 48075



RDR REAL ESTATE LLC

SURVEY # 26-73
SHEET 1 OF 2

12/19/06

We hereby certify that we have surveyed the parcel hereon delineated in accordance with the legal description as furnished by you and the boundaries and corners of said parcel are as indicated herein and that their exists no encroachments upon said parcel except as otherwise noted.

By Clive Cantor

Clive Cantor, L.S. # 10682

LOUIS CANTOR COMPANY
17600 NORTHLAND PARK COURT
SUITE 201
SOUTHFIELD, MICHIGAN 48075

Metropolitan Title Company
39400 Woodward Ave., Ste. 135A
Bloomfield Hills, MI 48304

Schedule B – Section II
EXCEPTIONS

Commitment No.: 211769

Schedule B of the policy or policies to be issued will contain exceptions to the following matters unless the same are disposed of to the satisfaction of the Company:

Defects, liens encumbrances adverse claims or other matters, if any, created, first appearing in the public records or attaching subsequent to the effective date hereof but prior to the date the Proposed Insured acquires for value of record the estate or interest or mortgage thereon covered by this Commitment.

General Exceptions

Any policy we issue will have the following exceptions unless they are taken care of to our satisfaction:

1. Rights or claims of parties in possession not shown by the public records.
2. Encroachments, overlaps, boundary line disputes, or other matters which would be disclosed by an accurate survey and inspection of the premises.
3. Easements, or claims of easements, not shown by the public records.
4. Any lien, or right to a lien, for services, labor or material heretofore or hereafter furnished, imposed by law and not shown on the public records.
5. Taxes or special assessments which are not shown as existing liens by the public records.

Specific Exceptions

1. Terms and Conditions contained in Resolution as disclosed by instrument recorded in Liber 17199, page 785.
2. Terms and Conditions contained in Warranty Deed as disclosed by instrument recorded in Liber 14687, page 438.
3. Rights of tenants, if any, under any unrecorded leases.
4. Any lien for water or sewer services.
5. Taxes to follow by revised commitment.

   NOTE: If subject property is connected to public/community water or sewer, furnish a copy of the current bill to Metropolitan Title Company showing that all charges have been paid to date or the Policy to be issued will include an exception on Schedule B for water and sewer charges which became a lien prior to the date of the Policy.

EXHIBIT A
LEGAL DESCRIPTION

File No.: 211769

The land referred to in this Commitment, situated in the County of Wayne, City of Detroit, State of Michigan, is described as follows:

All of Lots 14, 15, 16 and part of Lot 13 of the Subdivision of Lot 2, WITHERALL FARM, according to the plat thereof recorded in Liber 1 of Plats, page 37 of Wayne County Records, beginning at the intersection of the Southerly line of Franklin Street 50.00 feet wide and the Easterly line of Dequindre Street 60.00 feet wide, thence along the Southerly line of Franklin Street on a course North 60 degrees 00 minutes East 186.24 feet distant to a point, said point being the Northwesterly corner of the place of beginning of the parcel herein intended to be described, said point also being the Northwesterly corner of said Lot 16 and the Northwesterly corner of a one-story brick building, thence continuing along the Southerly line of Franklin Street on a course North 60 degrees 00 minutes East 158.68 feet distant to the Westerly face of a three-story brick wall if the same were prolonged Northerly to the Southerly line of Franklin Street, thence South 27 degrees 34 minutes 30 seconds East along the Westerly face of said three-story brick wall and it's Northerly and Southerly prolongation 115.38 feet distant to a point on the Northerly line of a public alley 20 feet wide thence along said Northerly alley line on a course South 62 degrees 15 minutes West 161.63 feet distant to the Southwesterly corner of said Lot 16, thence along the Westerly line of said Lot 16 and along the Westerly face of the Westerly wall of a one-story brick building and on a course North 25 degrees 57 minutes West 109.20 feet distant to the place of beginning subject to the right of the owner of the premises situated Easterly of and adjoining the land parcel as above described to hold the land now occupied by certain brick piers attached to Westerly face of the wall now marking the Easterly boundary line of the land parcel as above described, such right to cease upon the removal of the existing wall.

ALSO Lots 13 and 14 of Subdivision of Lot 1, WITHERALL FARM, between Jefferson Avenue and Atwater Street according to the Plat thereof as recorded in Liber 1 of plats on page 76, Wayne County Records, and being situated on the South side of Franklin Street.

Tax Item No. 31-2, Ward 9

Commitment for Title Insurance
FIRST AMERICAN TITLE INSURANCE COMPANY.

First American Title Insurance Company, a California corporation ("Company"), for a valuable consideration, commits to issue its policy or policies of title insurance, as identified in Schedule A, in favor of the Proposed Insured named in Schedule A, as owner or mortgagee of the estate or interest in the land described or referred to in Schedule A, upon payment of the premiums and charges and compliance with the Requirements; all subject to the provisions of Schedules A and B and to the Conditions of this Commitment.

This Commitment shall be effective only when the identity of the Proposed Insured and the amount of the policy or policies committed for have been inserted in Schedule A by the Company.

All liability and obligation under this Commitment shall cease and terminate six (6) months after the effective Date or when the policy or policies committed for shall issue, whichever first occurs, provided that the failure to issue the policy or policies is not the fault of the Company.

The Company will provide a sample of the policy form upon request.

First American Title Insurance Company

BY Gary L. Kennedy PRESIDENT

ATTEST Mark R. Arnesen SECRETARY

CONDITIONS:

1. The term mortgage, when used herein, shall include deed of trust, trust deed, or other security instrument.
2. If the proposed Insured has or acquired actual knowledge of any defect, lien, encumbrance, adverse claim of other matter affecting the estate or interest or mortgage thereon covered by this Commitment other than those shown in Schedule B hereof, and shall fail to disclose such knowledge to the Company in writing, the Company shall be relieved from liability for any loss or damage resulting from any act of reliance hereon to the extent the Company is prejudiced by failure to so disclose such knowledge. If the proposed Insured shall disclose such knowledge to the Compay, or if the Company otherwise acquires actual knowledge of any such defect, lien, encumbrance, adverse claim or other matter, the Company at its optionmay amend Schedule B of this Commitment accordingly, but such amendment shall not relieve the Company from liability previously incurred pursuant to paragraph 3 of these Conditions and Stipulations.
3. Liability of the Company under this Commitment shall be only to the named proposed Insured and such parties included under the definition of Insured in the form of policy or policies committed for and only for actual loss incured in reliance hereon in undertaking in good faith (a) to comply with the requirements hereof, or (b) to eliminate exceptions shown in Schedule B, or (c) to acquire or create the estate or interest or mortgage thereon covered by this Commitment. In no event shall such liability exceed the amount stated in Scheudle A for the policy or policies committed for and such liability is subject to the insuring provisions and Conditions and Stipulations and the Exclusions from Coverage of the form of policy or policies commited for in favor of the proposed Insured which are hereby incorporated by reference and are made a part of this Commitment except as expressly modified herein.
4. This Commitment is a contract to issue one or more title insurance policies and is not an abstract of title or a report of the condition of title. Any action or actions or rights of action that the proposed Insured may have or may bring against the Company arising out of the status of the title to the estate or interest or the status of the mortgage thereon coverd by this Commitment must be based on and are subject to the provisions of this Commitment.
5. The policy to be issed contains an arbitration clause. All arbitrable matters when the Amount of Insurance is $2,000,000 or less shall be arbitrated at the option of either the Company or the Insured as the exclusive remedy of the parties. You may review a copy of the arbitration rules at http://www.alta.org/.

Issued by: First American Title Insurance Company through its agent:

Metropolitan Title Company
39400 Woodward Ave., Ste. 135A
Bloomfield Hills, Michigan 48304
Ph: (248)540-4102 or Fax to: (248)540-2428

NOTICE OF YOUR FINANCIAL PRIVACY RIGHTS

We want you to know that the privacy and confidentiality of your personal information is very important to Metropolitan Title Company . We value your business and we want to retain your trust. In the course of providing products and services to you, we may obtain nonpublic personal information about you. We are required by law to provide you with this notice in order to inform you how Metropolitan Title Company collects, uses and safeguards your nonpublic personal information. This notice also tells you how you can limit our disclosure of personal information about you.

What Information Do We Collect

We may obtain nonpublic personal information about you from the following sources:

- Information we receive from you from applications or other forms;
- Information about your transaction with us from our files or from our affiliates;
- Information about your transaction with nonaffiliated third parties such as your real estate agent or lender;

The information we obtain includes, but is not limited to, your name, address, social security number, employer, income, account information from financial institutions, parties to a transaction and credit card usage.

What Information Do We Disclose

To meet your needs with quality products and services we may disclose any of the above information that we collect about our customers or former customers to our affiliates or to nonaffiliated third parties as permitted by law.

AFFILIATES

Our affiliates are the family of companies controlled by Metropolitan Title Company or under common control with another company. We may share the types of information described above, as permitted by law, with our affiliates for purposes of marketing or market research.

NON-AFFILIATES

Nonaffiliated third parties are those not part of the family of companies controlled by Metropolitan Title Company or not under common control with another company.

Service Providers, Contractors

Any service providers or contractors used by Metropolitan Title Company are required to follow the terms of our Privacy Policy. Access to your nonpublic personal information by a service provider or contractor is restricted to the purpose for which they have been retained by Metropolitan Title Company .

Joint Marketing

We may disclose your personal information to a nonaffiliated third party that we have an agreement with to perform joint marketing of products or services that we feel may interest you.

Other Non-Affiliates

We also may disclose this information about our customers or former customers to the following types of nonaffiliated companies:

- Financial service providers such as companies engaged in banking, consumer finance, securities and insurance.
- Non-financial companies such as envelope stuffers and other fulfillment service providers.

METROPOLITAN TITLE COMPANY DOES NOT DISCLOSE ANY NONPUBLIC PERSONAL INFORMATION ABOUT THEIR CUSTOMERS OR FORMER CUSTOMERS EXCEPT, AS PERMITTED OR REQUIRED BY LAW.

The Confidentiality and Security of Your Nonpublic Personal Information

Metropolitan Title Company restricts the access to your nonpublic personal information to those employees who need to know the information in order to provide products and/or services to you. Our employees are required to maintain the confidentiality and privacy of our customers. We maintain physical, electronic and procedural safeguards that comply with federal regulations to guard your nonpublic personal information.

Changes to this policy

We may amend this policy at any time, and we will inform you of any changes as required by law.

Your Privacy Choices

The law allows us to share with our affiliates your personal information and information about our transactions or experiences with you. The law also allows us to share your personal information with our contractors and service providers.

If you prefer that we not disclose information about you to nonaffiliated third parties, you may direct us not to share this information by calling the Corporate Office at 1-800-848-5375 or by writing to us at 622 East Grand River, Howell, Michigan 48843. Please provide your name, address including city and state of the property and our file number.

APPENDIX E

Property Photographs

PHOTOGRAPH NO. 1:SUBJECT PROPERTY
AS VIEWED FACING EAST

PHOTOGRAPH NO. 2: ***SUBJECT PROPERTY***
AS VIEWED FACING SOUTH

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RECONNAISSANCE PHOTOGRAPHS

DWCPA - DETROIT ELEVATOR BUILDING
1938 FRANKLIN STREET
DETROIT, MICHIGAN

TAKEN BY: T. MCGAHEY
DATE: 12/5/2006

PROJECT NUMBER: 5324D-1-17

PHOTOGRAPH NO. 3: ***SUBJECT PROPERTY***
AS VIEWED FACING EAST

PHOTOGRAPH NO. 4: ***SUBJECT PROPERTY***
APPROXIMATE LOCATION OF FORMER AST

AKTPEERLESS
environmental services

RECONNAISSANCE PHOTOGRAPHS

DWCPA - DETROIT ELEVATOR BUILDING
1938 FRANKLIN STREET
DETROIT, MICHIGAN

TAKEN BY: T. MCGAHEY
DATE: 12/5/2006

PROJECT NUMBER: 5324D-1-17

*PHOTOGRAPH NO. 5: **SUBJECT PROPERTY***
PUBLIC ALLEY – FACING EAST

*PHOTOGRAPH NO. 6: **SUBJECT PROPERTY***
SUSPICIOUS MANHOLE COVER

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RECONNAISSANCE PHOTOGRAPHS

DWCPA - DETROIT ELEVATOR BUILDING
1938 FRANKLIN STREET
DETROIT, MICHIGAN

TAKEN BY: T. MCGAHEY
DATE: 12/5/2006

PROJECT NUMBER: 5324D-1-17

*PHOTOGRAPH NO. 7: **SUBJECT PROPERTY***
OLD ELECTRICAL EQUIPMENT

*PHOTOGRAPH NO. 8: **SUBJECT PROPERTY***
HYDRAULIC ELEVATOR

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RECONNAISSANCE PHOTOGRAPHS

DWCPA - DETROIT ELEVATOR BUILDING
1938 FRANKLIN STREET
DETROIT, MICHIGAN

TAKEN BY: J. WIGLEY
DATE: 12/5/2006

PROJECT NUMBER: 5324D-1-17

PHOTOGRAPH NO. 9: ***SUBJECT PROPERTY***
SUSPICIOUS PIPES IN SOUTHEASTERN CORNER OF BUILDING

PHOTOGRAPH NO. 10: ***SUBJECT PROPERTY***
55-GALLON DRUM

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RECONNAISSANCE PHOTOGRAPHS

DWCPA - DETROIT ELEVATOR BUILDING
1938 FRANKLIN STREET
DETROIT, MICHIGAN

TAKEN BY: T. MCGAHEY
DATE: 12/5/2006

PROJECT NUMBER: 5324D-1-17

PHOTOGRAPH NO. 11: ***SUBJECT PROPERTY***
FLOOR NEAR HYDRAULIC ELEVATOR

PHOTOGRAPH NO. 12: ***SUBJECT PROPERTY***
DRUM STORAGE AREA

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RECONNAISSANCE PHOTOGRAPHS

DWCPA - DETROIT ELEVATOR BUILDING
1938 FRANKLIN STREET
DETROIT, MICHIGAN

TAKEN BY: T. MCGAHEY
DATE: 12/5/2006

PROJECT NUMBER: 5324D-1-17

PHOTOGRAPH NO. 13: ***NORTHERN ADJOINING PROPERTY***
INDUSTRIAL BUILDINGS – 1900-2000 WOODBRIDGE

PHOTOGRAPH NO. 14: ***EASTERN ADJOINING PROPERTY***
VACANT LIGHT INDUSTRIAL BUILDING (FORMER ARCHITECTURAL METALS) - 1974 FRANKLIN STREET

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RECONNAISSANCE PHOTOGRAPHS

DWCPA - DETROIT ELEVATOR BUILDING
1938 FRANKLIN STREET
DETROIT, MICHIGAN

TAKEN BY: T. MCGAHEY
DATE: 12/5/2006

PROJECT NUMBER: 53240-1-17

PHOTOGRAPH NO. 15: ***SOUTHERN ADJOINING PROPERTY***
VACANT LAND

PHOTOGRAPH NO. 16: ***WESTERN ADJOINING PROPERTY***
VACANT LAND

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RECONNAISSANCE PHOTOGRAPHS

DWCPA - DETROIT ELEVATOR BUILDING
1938 FRANKLIN STREET
DETROIT, MICHIGAN

TAKEN BY: T. MCGAHEY
DATE: 12/8/2006

PROJECT NUMBER: 5324D-1-17

APPENDIX F

AKT Peerless' Professional Experience

AKTPEERLESS
environmental services

Professional Environmental Services

PROFESSIONAL PROFILE

TIMOTHY J. MCGAHEY, CHMM

Senior Project Manager
Environmental Compliance and Assessment Services

EDUCATION

Bachelor of Science: Environmental Science, 1998
Aquinas College, Michigan

PROFESSIONAL EXPERIENCE

Senior Environmental Consultant
AKT Peerless Environmental Services

AREA OF EXPERTISE

(1) Conducting Phase I environmental site assessments (ESAs)

(2) Conducting environmental compliance audits

(3) Field management and activities coordination

(4) Coordinating environmental investigations

(5) Asbestos building inspections

ADDITIONAL EXPERTISE

(1) Conducting field operations such as soil, surface water, and groundwater sampling

(2) Oversight of field operations such as monitoring well installation, and contaminant delineation

(3) Preparing Phase II Subsurface Investigation Reports, (4) preparing Baseline Environmental Assessment Reports

(4) Preparing Section 20107a Compliance Evaluations

(5) Conducting geophysical surveys

(6) Preparing US EPA Work Plan/Sampling Analysis Plans

(7) Creating maps, diagrams, and drawings

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SUPPORTING AREA OF EXPERTISE

(1) Working knowledge of state and federal environmental regulations applicable to wastewater discharges

(2) Toxic release inventory reporting

(3) Hazardous chemical inventory reporting

Mr. McGahey has over seven years of experience in investigative activities regarding hazardous materials, substances or contaminants; including environmental site assessment and long-term monitoring and removal activities. Mr. McGahey has conducted subsurface investigations to evaluate the presence and/or extent of soil and groundwater contamination.

SUMMARY OF SELECTED PROJECTS

(1) Performed Phase I ESAs (including project management, site reconnaissance, regulatory and historical records investigations, and report completion) for financial institutions, manufacturing facilities, real estate developers, property managers, and insurance companies. Properties included industrial, commercial, and residential sites. Properties assessed were located in Michigan, Ohio, Indiana, Virginia, Arizona, Texas, Oklahoma, Tennessee, and Nebraska.

(2) Conducted environmental compliance audit for plastics forming facility. Audit focused on determining the facility degree of compliance with applicable federal, state and local environmental regulations and recommending actions to achieve compliance.

(3) Performed Environmental Transaction Screen Assessments (including project management, field activity, site reconnaissance, regulatory historical records investigations, and report completion) for financial institutions.

(4) Prepared annual Toxic Chemical Release Inventory (Form R) and Hazardous Chemical Inventory (Tier II) reports for industrial facilities.

(5) Prepared quarterly Wastewater Discharge Permits for plastics forming facility.

(6) Prepared Storm Water Pollution Prevention Plans for various manufacturing facilities.

(7) Conducted hazardous materials' surveys for operating and abandoned industrial facilities.

(8) Supervised drilling and mobile lab operations. Activities included: selecting boring locations, collecting soil samples, field screening soil samples, installing monitoring wells, and selecting samples for laboratory analysis.

(9) Supported USEPA in a critical removal action for an abandoned industrial facility in Hamtramck, Michigan.

SUMMARY OF SELECTED PROJECTS (continued)

(10) Conducted vertical profiling and discrete sampling of groundwater at specific depths to determine the vertical extent of contamination. Conducted delineation procedures to determine the exact location and extent of soil contamination.

(11) Conducted geophysical surveys using an EM-61MK2 metal detector, and prepared scaled, contoured site maps depicting anomalous areas.

(12) Conducted long term monitoring including well development and well sampling procedures.

(13) Provided technical expertise and project management support for the Downriver Area Brownfield Consortium (DABC) USEPA Brownfield Assessment Grants and Detroit/Wayne County Port Authority (DWCPA) Brownfield Assessment Grants. These grants are designed to empower communities in the economic redevelopment of Brownfield sites. Duties include management, oversight, property assessments; participation in monthly meetings; developing USEPA Work Plans, preparing quarterly reports, and communication with USEPA.

(14) Conducted and managed due-diligence investigations for large-scale (more than 40 properties) portfolio property purchases.

REGISTRATIONS/CERTIFICATIONS

Certified Hazardous Materials Manager (CHMM) by the Academy of Certified Hazardous Materials Managers (Certificate No. 010213)

Health and Safety Training for Hazardous Waste Sites (OSHA-mandated 40-hour training)

OSHA 8-Hour refresher courses

Michigan Department of Environmental Quality Certified Storm Water Operator (Industrial)

OSHA Confined Space Entrant and Attendant Course

Completed AHERA Asbestos Building Inspector Course

First Aid / CPR

PROFESSIONAL AFFILIATIONS

Member
Academy of Certified Hazardous Materials Managers, Michigan Chapter

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environmental services

Professional Environmental Services

PROFESSIONAL PROFILE

MEGAN BAHORSKI

Environmental Consultant
Environmental Compliance and Assessment Services

EDUCATION

Bachelor's of Science: Environmental Studies and Applications
Michigan State University, East Lansing, Michigan

PROFESSIONAL EXPERIENCE

Environmental Consultant
AKT Peerless Environmental Services

BB&J Staff Scientist I
NEPA Experience

AREA OF EXPERTISE

(1) Evaluating the potential environmental risk at commercial and raw-land properties

(2) Conducting Phase I environmental site assessments

(3) Providing oversight of soil and ground water Phase II ESA subsurface investigations

SUMMARY OF SELECTED PROJECTS

(1) Performed Phase I environmental site assessments (ESA) of commercial and raw-land properties

(2) Provided oversight of soil and ground water Phase II ESA subsurface investigations

(3) Completed National Environmental Policy Act Reports for a large telecommunications client

(4) Participated in writing proposals for Phase II ESA subsurface investigations

(5) Worked on the TCNS/SHPO process for a large telecommunications client

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Megan Bahorski

CERTIFICATIONS AND SPECIALIZED TRAINING

OSHA – 40-Hour Hazardous Waste Operations Training

OSHA – 8-Hour Hazardous Waste Operations Training