

GIS Registry Disclaimer

This case was closed by the DNR prior to August 1, 2002, when DNR began adding approved cleanups with residual soil contamination into the GIS Registry. Certain documents that are currently required by ch. NR 726, Wis. Adm. Code may therefore not be included in this packet as they were unavailable at the time the original case was closed.

The information contained in this document was assembled by DNR from a previously closed case file, and added to the GIS Registry to provide the public with information on closed sites with residual soil and/or groundwater contamination remaining above applicable state standards.

GIS REGISTRY

Cover Sheet

March, 2010
(RR 5367)

Source Property Information

BRRTS #:

ACTIVITY NAME:

PROPERTY ADDRESS:

MUNICIPALITY:

PARCEL ID #:

CLOSURE DATE:

FID #:

DATCP #:

COMM #:

*WTM COORDINATES:

X: Y:

** Coordinates are in
WTM83, NAD83 (1991)*

WTM COORDINATES REPRESENT:

Approximate Center Of Contaminant Source

Approximate Source Parcel Center

Please check as appropriate: (BRRTS Action Code)

Contaminated Media:

Groundwater Contamination > ES (236)

Contamination in ROW

Off-Source Contamination

*(note: for list of off-source properties
see "Impacted Off-Source Property" form)*

Soil Contamination > *RCL or **SSRCL (232)

Contamination in ROW

Off-Source Contamination

*(note: for list of off-source properties
see "Impacted Off-Source Property" form)*

Land Use Controls:

N/A (Not Applicable)

Soil: maintain industrial zoning (220)

*(note: soil contamination concentrations
between non-industrial and industrial levels)*

Structural Impediment (224)

Site Specific Condition (228)

Cover or Barrier (222)

*(note: maintenance plan for
groundwater or direct contact)*

Vapor Mitigation (226)

Maintain Liability Exemption (230)

*(note: local government unit or economic
development corporation was directed to
take a response action)*

Monitoring Wells:

Are all monitoring wells properly abandoned per NR 141? (234)

Yes No N/A

** Residual Contaminant Level*

***Site Specific Residual Contaminant Level*

This Adobe Fillable form is intended to provide a list of information that is required for evaluation for case closure. It is to be used in conjunction with Form 4400-202, Case Closure Request. The closure of a case means that the Department has determined that no further response is required at that time based on the information that has been submitted to the Department.

NOTICE: Completion of this form is mandatory for applications for case closure pursuant to ch. 292, Wis. Stats. and ch. NR 726, Wis. Adm. Code, including cases closed under ch. NR 746 and ch. NR 726. The Department will not consider, or act upon your application, unless all applicable sections are completed on this form and the closure fee and any other applicable fees, required under ch. NR 749, Wis. Adm. Code, Table 1 are included. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than reviewing closure requests and determining the need for additional response action. The Department may provide this information to requesters as required by Wisconsin's Open Records law [ss. 19.31 - 19.39, Wis. Stats.].

| | | | |
|----------------|------------------------|------------------|---|
| BRRTS #: | 02-41-204150 | PARCEL ID #: | 392-1410-111-8 |
| ACTIVITY NAME: | JUNEAU VILLAGE APTS #2 | WTM COORDINATES: | X: <input type="text"/> Y: <input type="text"/> |

CLOSURE DOCUMENTS (the Department adds these items to the final GIS packet for posting on the Registry)

- Closure Letter**
- Maintenance Plan** (if activity is closed with a land use limitation or condition (land use control) under s. 292.12, Wis. Stats.)
- Continuing Obligation Cover Letter** (for property owners affected by residual contamination and/or continuing obligations)
- Conditional Closure Letter**
- Certificate of Completion (COC)** (for VPLE sites)

SOURCE LEGAL DOCUMENTS

- Deed:** The most recent deed as well as legal descriptions, for the **Source Property** (where the contamination originated). Deeds for other, off-source (off-site) properties are located in the **Notification** section.
Note: If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.
- Certified Survey Map:** A copy of the certified survey map or the relevant section of the recorded plat map for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map. (lots on subdivided or platted property (e.g. lot 2 of xyz subdivision)).
Figure #: **Title:**
- Signed Statement:** A statement signed by the Responsible Party (RP), which states that he or she believes that the attached legal description accurately describes the correct contaminated property.

MAPS (meeting the visual aid requirements of s. NR 716.15(2)(h))

- Maps must be no larger than 11 x 17 inches unless the map is submitted electronically.
- Location Map:** A map outlining all properties within the contaminated site boundaries on a U.S.G.S. topographic map or plat map in sufficient detail to permit easy location of all parcels. If groundwater standards are exceeded, include the location of all potable wells within 1200 feet of the site.
Note: Due to security reasons municipal wells are not identified on GIS Packet maps. However, the locations of these municipal wells must be identified on Case Closure Request maps.
Figure #: 1 **Title: Site Location**
 - Detailed Site Map:** A map that shows all relevant features (buildings, roads, individual property boundaries, contaminant sources, utility lines, monitoring wells and potable wells) within the contaminated area. This map is to show the location of all contaminated public streets, and highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding a ch. NR 140 Enforcement Standard (ES), and/or in relation to the boundaries of soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Levels (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.
Figure #: 2 **Title: Site Features Map**
 - Soil Contamination Contour Map:** For sites closing with residual soil contamination, this map is to show the location of all contaminated soil and a single contour showing the horizontal extent of each area of contiguous residual soil contamination that exceeds a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.
Figure #: **Title:**

BRRTS #: 02-41-204150

ACTIVITY NAME: JUNEAU VILLAGE APTS #2

MAPS (continued)

- Geologic Cross-Section Map:** A map showing the source location and vertical extent of residual soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL). If groundwater contamination exceeds a ch. NR 140 Enforcement Standard (ES) when closure is requested, show the source location and vertical extent, water table and piezometric elevations, and locations and elevations of geologic units, bedrock and confining units, if any.

Figure #: 3 Title: Cross Section A-A

Figure #: 4 Title: Cross Section B-B

- Groundwater Isoconcentration Map:** For sites closing with residual groundwater contamination, this map shows the horizontal extent of all groundwater contamination exceeding a ch. NR140 Preventive Action Limit (PAL) and an Enforcement Standard (ES). Indicate the direction and date of groundwater flow, based on the most recent sampling data.

Note: This is intended to show the total area of contaminated groundwater.

Figure #: Title:

- Groundwater Flow Direction Map:** A map that represents groundwater movement at the site. If the flow direction varies by more than 20° over the history of the site, submit 2 groundwater flow maps showing the maximum variation in flow direction.

Figure #: Title:

Figure #: Title:

TABLES (meeting the requirements of s. NR 716.15(2)(h)(3))

Tables must be no larger than 11 x 17 inches unless the table is submitted electronically. Tables must not contain shading and/or cross-hatching. The use of **BOLD** or *ITALICS* is acceptable.

- Soil Analytical Table:** A table showing remaining soil contamination with analytical results and collection dates.
Note: This is one table of results for the contaminants of concern. Contaminants of concern are those that were found during the site investigation, that remain after remediation. It may be necessary to create a new table to meet this requirement.

Table #: 1 Title: Summary of Soil Sampling Results for GRO/VOC Area

- Groundwater Analytical Table:** Table(s) that show the most recent analytical results and collection dates, for all monitoring wells and any potable wells for which samples have been collected.

Table #: Title:

- Water Level Elevations:** Table(s) that show the previous four (at minimum) water level elevation measurements/dates from all monitoring wells. If present, free product is to be noted on the table.

Table #: Title:

IMPROPERLY ABANDONED MONITORING WELLS

For each monitoring well not properly abandoned according to requirements of s. NR 141.25 include the following documents.

Note: If the site is being listed on the GIS Registry for only an improperly abandoned monitoring well you will only need to submit the documents in this section for the GIS Registry Packet.

- Not Applicable**

- Site Location Map:** A map showing all surveyed monitoring wells with specific identification of the monitoring wells which have not been properly abandoned.

Note: If the applicable monitoring wells are distinctly identified on the Detailed Site Map this Site Location Map is not needed.

Figure #: Title:

- Well Construction Report:** Form 4440-113A for the applicable monitoring wells.

- Deed:** The most recent deed as well as legal descriptions for each property where a monitoring well was not properly abandoned.

- Notification Letter:** Copy of the notification letter to the affected property owner(s).

BRRTS #: 02-41-204150

ACTIVITY NAME: JUNEAU VILLAGE APTS #2

NOTIFICATIONS

Source Property

Not Applicable

Letter To Current Source Property Owner: If the source property is owned by someone other than the person who is applying for case closure, include a copy of the letter notifying the current owner of the source property that case closure has been requested.

Return Receipt/Signature Confirmation: Written proof of date on which confirmation was received for notifying current source property owner.

Off-Source Property

Group the following information per individual property and label each group according to alphabetic listing on the "Impacted Off-Source Property" attachment.

Not Applicable

Letter To "Off-Source" Property Owners: Copies of all letters sent by the Responsible Party (RP) to owners of properties with groundwater exceeding an Enforcement Standard (ES), and to owners of properties that will be affected by a land use control under s. 292.12, Wis. Stats.

Note: Letters sent to off-source properties regarding residual contamination must contain standard provisions in Appendix A of ch. NR 726.

Number of "Off-Source" Letters:

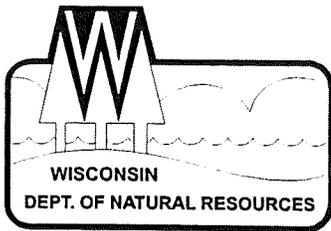
Return Receipt/Signature Confirmation: Written proof of date on which confirmation was received for notifying any off-source property owner.

Deed of "Off-Source" Property: The most recent deed(s) as well as legal descriptions, for all affected deeded **off-source property(ies)**. This does not apply to right-of-ways.

Note: If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.

Letter To "Governmental Unit/Right-Of-Way" Owners: Copies of all letters sent by the Responsible Party (RP) to a city, village, municipality, state agency or any other entity responsible for maintenance of a public street, highway, or railroad right-of-way, within or partially within the contaminated area, for contamination exceeding a groundwater Enforcement Standard (ES) and/or soil exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL).

Number of "Governmental Unit/Right-Of-Way Owner" Letters:



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor
George E. Meyer, Secretary
Gloria L. McCutcheon, Regional Director

Southeast Regional Headquarters
2300 N. Dr. ML King Drive, PO Box 12436
Milwaukee, Wisconsin 53212-0436
Telephone 414-263-8500
FAX 414-263-8483
TDD 414-263-8713

July 14, 1999

Mr. John Crichton
John Crichton, Thomas Hauck and Daniel Katz
The Shoreline Company
1007 North Cass Street
Milwaukee, Wisconsin 53202

SUBJECT: Request for closure, xylene, ethyl benzene, and lead contamination at the Juneau Village Apartments, 1129 North Jackson Street, Milwaukee, Wisconsin. BRR-ERP FID#241978770.

Dear Mr. Crichton:

At the request of your environmental consultant, Fox Environmental Services, Inc., (Fox) we have reviewed the following reports to determine if the referenced site is eligible for closure:

1. "Site Investigation Report and Closure Request Review", dated February 1999.
2. "Site Investigation Report and Closure Request Review, Site #2", dated March 1999.

There are two separate issues that need to be reviewed for closure; the xylene and ethyl benzene contamination, and the lead contamination. The data presented in the reports shows that both of these issues are soil issues as the maximum vertical extent of contamination is twelve feet below ground surface, and the surface of the groundwater table is sixteen feet below ground surface. For simplicity, each of the contamination issues are addressed separately below:

Xylene and Ethyl Benzene Soil Contamination

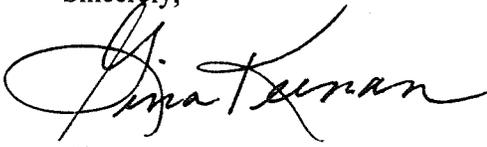
Based on the data presented, we concur with Fox's recommendation that no further action is necessary in connection with the xylene and ethyl benzene contamination found in the soils at this site. As always, the department reserves the right to require additional investigation and/or remediation if it is found that contamination at the site is a threat to public welfare, safety or the environment.

Lead Contamination

Lead contamination was found at depths ranging from two to twelve feet below ground surface. The concentrations of lead found in the soils were as high as 5700 parts per million (ppm) lead. Though it was successfully demonstrated that these levels of lead in the soils are not hazardous and that the lead is not a threat to groundwater, these high concentrations are above the level of 500 ppm, which is the residual contaminant level for direct contact at an industrial site. Because of this, we conditionally grant closure for this site. The conditions of the closure are that a deed restriction be placed on the title to the property. The language that must be included in this restriction is enclosed.

This restriction will require that a cap be placed on the property. The cap can be asphalt, clean soil or a building. Regardless, it must cover all of the lead contamination found in the soil, as the purpose of the cap is to act as a barrier between the soils and any contact by people, the cap must be maintained and not removed or disturbed. Once the department has received confirmation that restriction has been placed on the title to the deed of this property, this case will be tracked as closed on our tracking system. If you have any questions regarding this letter, you may contact me at the above address or at (414) 263-8589.

Sincerely,



Gina Keenan
Hydrogeologist

c: Fox Environmental Services, Inc.
SER case file

updates



April 11, 2000

Our Ref: 98947L12

Program Assistant / BRR Program
Wisconsin Department of Natural Resources
Southeast Region - Headquarters Office
2300 N. Dr. ML King Drive
PO Box 12436
Milwaukee, Wisconsin 53212



**RE: Deed Restriction and Maintenance Plan
Juneau Village Apartments
1129 N. Jackson Street
Milwaukee, Wisconsin
BRRTS#: 02-41-204150, FID#: 241978770 (BRR/ERP)**

Code 11

Dear Sir / Madam:

It is the understanding of Fox Environmental Services, Inc., (FOX), based on the December 20, 1999 letter by Ms. Gina Keenan of the Wisconsin Department of Natural Resources (WDNR) and subsequent follow up telephone conversations, that closure of the Juneau Village Apartments site would be complete once a deed restriction has been set in place for the lead impacted soil. Enclosed you will find a copy of the deed restriction that has been set in place. Also, it is our understanding that a brief maintenance plan describing how the cap will be maintained is also required. Per Ms. Keenan's suggestion, the maintenance plan is included as part of this submittal.

MAINTENANCE PLAN

Background

Juneau Village Apartments contracted FOX to investigate the site located at 1129 N. Jackson Street, Milwaukee, Wisconsin. FOX identified two types of impacts at the site:

- Volatile Organics: xylene and ethylbenzene impacted soil, and
- Metals: lead impacted in soil.

Based on the results of the site investigation, FOX concluded that the xylene and ethylbenzene impacts were not a concern at this site and should be closed out. In a letter dated July 14, 1999 the WDNR concurred with FOX's recommendation for a "no further action" status with respect

fox environmental services, inc.

5150 NORTH PORT WASHINGTON ROAD • MILWAUKEE, WI 53217
EXECUTIVE SUITE 101 • (414) 332-5857 FAX: (414) 332-5003

to the xylene and ethylbenzene impacts. FOX concluded that the lead impacts do not pose a threat to groundwater and the WDNR conditionally closed the site but required that a deed restriction be placed on the title of the property because the direct contact value for lead was exceeded and that direct contact barriers existed on-site.

Maintenance Plan

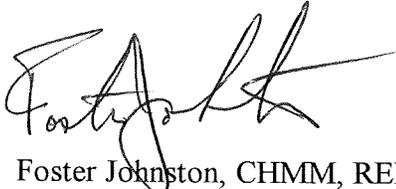
Across the site as a whole, (please see **Figure 1** for a depiction of the northern portion of the site) three types of material (building footprint, asphalt / concrete surfaces and sod / grass surfaces) form the direct contact barrier for the site.

- 1) Building Footprint: The existing buildings act as direct contact barriers. The barrier is to be maintained by a typical and reasonable program of apartment building maintenance. Should the soils become accessible beneath the buildings, an evaluation of the direct contact hazard shall be performed.
- 2) Asphalt / Concrete Surfaces: The existing asphalt or concrete surfaces act as direct contact barriers. The barrier is to be maintained by a typical and reasonable program of sidewalk and driveway maintenance. Should the soils become accessible beneath the existing asphalt or concrete surfaces, an evaluation of the direct contact hazard shall be performed.
- 3) Sod / Grass Surfaces: The existing sod or grass surfaces act as a direct contact barrier. The barrier is to be maintained by a program of landscape management (fertilizing, watering and mowing). Should the soils become accessible beneath the existing sod or grass surfaces, an evaluation of the direct contact hazard shall be performed.

It is FOX's understanding that after the deed restriction has been recorded and forwarded to the WDNR, no further action should be necessary for the site. If you have questions about the information presented here, please call me at 414-332-5857.

Sincerely,

Fox Environmental Services, Inc.



Foster Johnston, CHMM, REP, CHCM
Vice President

enclosures

- c: Tom Hauck w/ enclosures
Dan Connell w/ enclosures
James Ziegler w/ enclosures

E. JUNEAU AVENUE

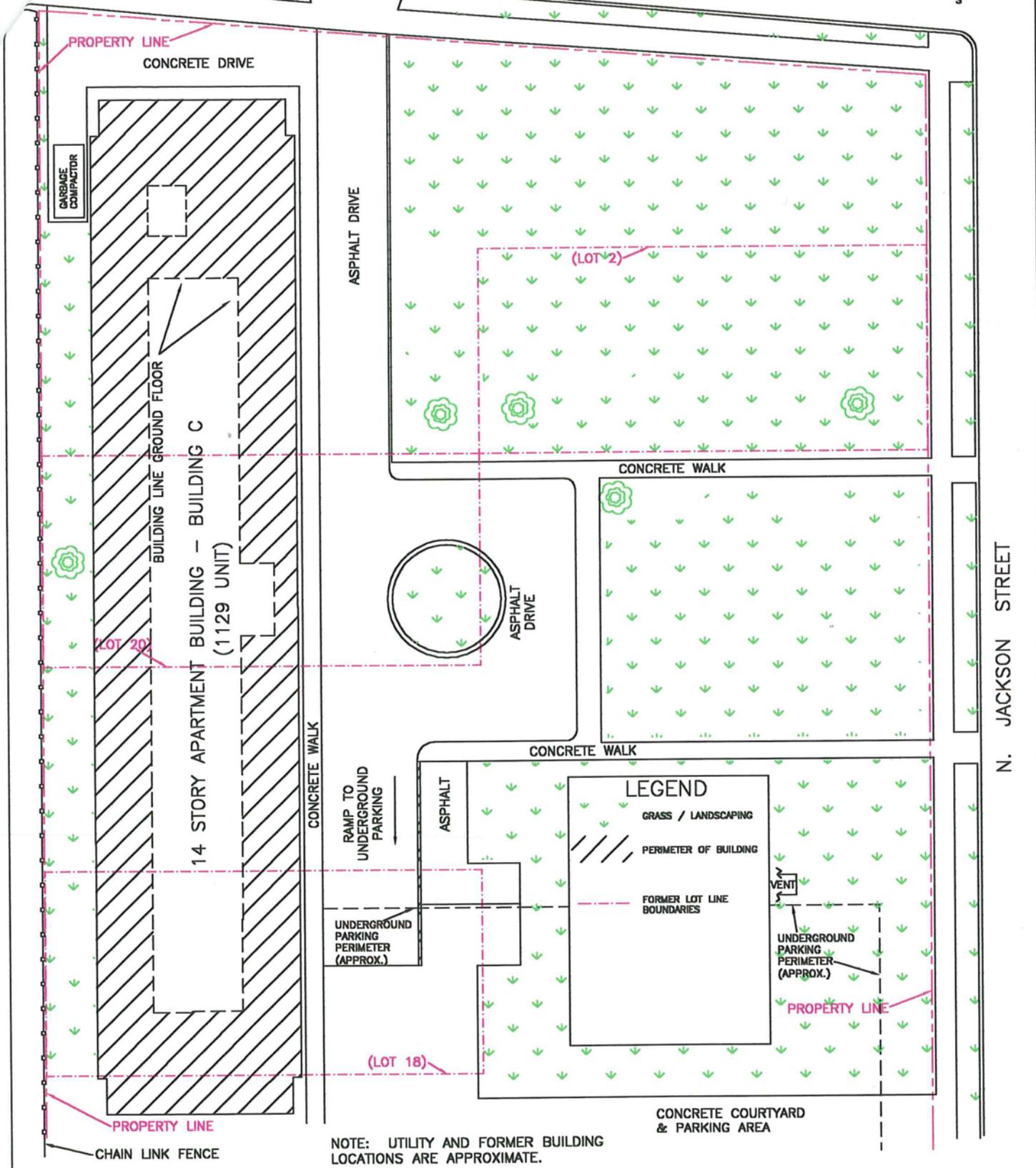
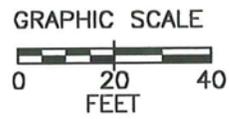


FIGURE 1: PARTIAL SITE MAP (NORTHERN PORTION)

Juneau Village Apartments
1029 North Jackson Street
Milwaukee, Wisconsin
Project # 98947



| Inspection Date | Inspector | Condition of Ground Surface & Perimeter Fence | Recommendations | Have recommendations from previous inspection been implemented? |
|-----------------|-----------|---|-----------------|---|
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Document Number

DEED RESTRICTION

7892489

REGISTER'S OFFICE 1 SS
Milwaukee County, WI

RECORDED AT 8:58 AM

04-05-2000

WALTER R. BARCZAK
REGISTER OF DEEDS

AMOUNT 12.00

Declaration of Restrictions

In Re: 1009 - 1029 - 1129 North Jackson Street Milwaukee, WI
Lots 1 to 22 inclusive, in Block 73, in Plat of the Northwest ¼ of
the Northwest ¼ of Section 28, Township 7 North, Range 22 East,
City of Milwaukee, County of Milwaukee, State of Wisconsin, but
excluding all of vacated North Jefferson Street adjoining said
premises on the West.

STATE OF WISCONSIN

COUNTY OF MILWAUKEE

WHEREAS, John B. Crichton, Daniel J. Katz, Thomas A. Hauck,
Carolyn A. Cadd, and Jeanne M. Hauck are the owners of the
above-described property.

WHEREAS, one or more lead discharges have occurred on this
property. Lead-contaminated soil remains on this property at the
following location(s): Lots 1 to 22 inclusive, in Block 73, in Plat of
the Northwest ¼ of the Northwest ¼ of Section 28, Township 7
North, Range 22 East, City of Milwaukee, County of Milwaukee,
State of Wisconsin, but excluding all of vacated North Jefferson
Street adjoining said premises on the West.

WHEREAS, it is the desire and intention of the property owner to impose on the property
restrictions which will make it unnecessary to conduct further soil remediation activities on the
property at the present time.

NOW THEREFORE, the owners hereby declare that all of the property described above is held
and shall be held, conveyed or encumbered, leased, rented, used, occupied and improved subject
to the following limitation and restrictions:

A cap or cover is in place as a remedial remedy to address residual soil contamination on the
property. Therefore, the following activities are prohibited on that portion of the property
described above where a cap or cover has been placed: Lots 1 to 22 inclusive, in Block 73, in Plat
of the Northwest ¼ of the Northwest ¼ of Section 28, Township 7 North, Range 22 East, City of
Milwaukee, County of Milwaukee, State of Wisconsin, but excluding all of vacated North
Jefferson Street adjoining said premises on the West, unless prior written approval has been
obtained from the Wisconsin Department of Natural Resources or its successor or assign: (1)
Excavating or grading of the land surface; (2) Filling on the capped area; (3) Plowing for
agricultural cultivation; and (4) Construction or installation of a building or other structure with a
foundation that would sit on or be placed within the cap or cover. In addition, the cap or cover
shall be maintained in compliance with a plan prepared and submitted to the Wisconsin

Recording Area

Name and Return Address

Herbert S. Bratt
735 North Water Street
Suite 704
Milwaukee, Wisconsin 53202

392-1410-111-8

*Parcel Identification Number (PIN)
or Tax Key Number*

Department of Natural Resources by a responsible party, as required by section NR 724.13(2), Wis. Adm. Code (1997).

This restriction is hereby declared to be a covenant running with the land and shall be fully binding upon all persons acquiring the above-described property whether by descent, devise, purchase or otherwise. This restriction inures to the benefit of and is enforceable by the Wisconsin Department of Natural Resources, its successors or assigns. The Department, its successors or assigns, may initiate proceedings at law or in equity against any person or persons who violate or are proposing to violate this covenant, to prevent the proposed violation or to recover damages for such violation.

Any person who is or becomes owner of the property described above may request that the Wisconsin Department of Natural Resources or its successor issue a determination that one or more of the restrictions set forth in this covenant is no longer required. Upon the receipt of such a request, the Wisconsin Department of Natural Resources shall determine whether or not the restrictions contained herein can be extinguished. If the Department determines that the restrictions can be extinguished, an affidavit, attached to a copy of the Department's written determination, may be recorded by the property owner or other interested party to give notice that this deed restriction, or portions of this deed restriction, are no longer binding.

IN WITNESS WHEREOF, the owners of the property has executed this Declaration of Restrictions,

this 3rd day of April, 2000.

Signature: [Handwritten Signature]

Printed Name: John B. Crichton

Signature: [Handwritten Signature]

Printed Name: Carolyn A. Cadd

Signature: [Handwritten Signature]

Printed Name: Daniel J. Katz

Signature: [Handwritten Signature]

Printed Name: Jeanne M. Hauck

Signature: [Handwritten Signature]

Printed Name: Thomas A. Hauck

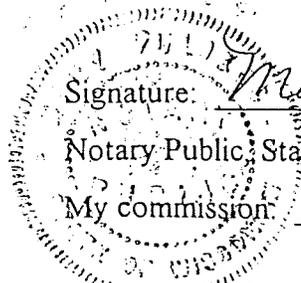
Subscribed and sworn to before me
this 4th day of April, 2000.

eeoass

Signature: [Handwritten Signature]

Notary Public, State of Wisconsin

My commission: 2/22/04



This document was drafted by the Wisconsin Department of Natural Resources [revised October 6, 1999] and adapted for use by Fox Environmental Services, Inc. [February 1, 2000].

228099

CERTIFICATE NO. _____

STATE OF WISCONSIN SS.
MILWAUKEE COUNTY

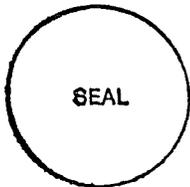
OFFICE OF
REGISTER OF DEEDS

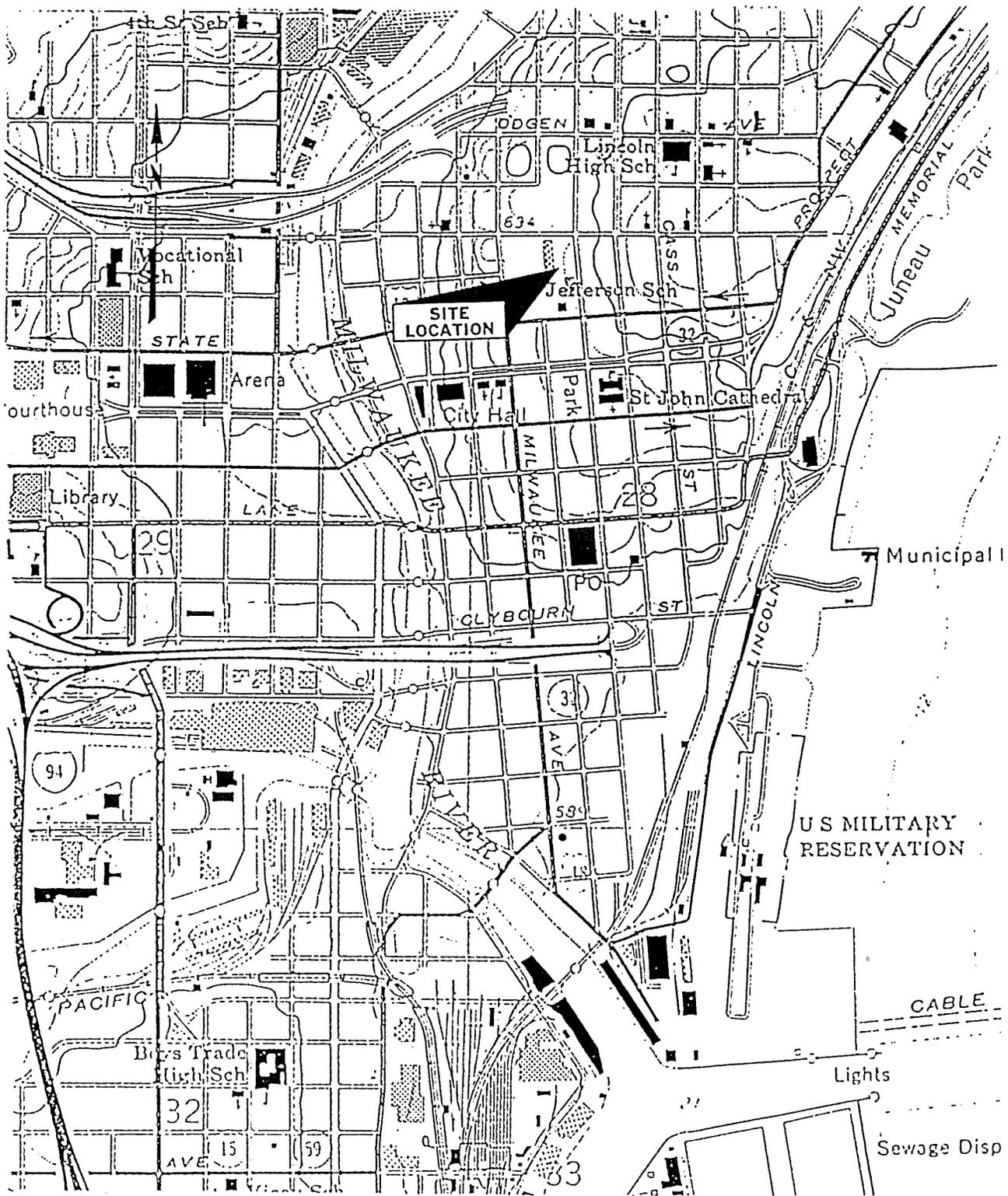
I, the undersigned,
Register of Deeds of
Milwaukee County,
hereby certify that
this document is a
true and correct copy
of the original on
file or record in
this office.

Witness my hand and
official seal this

APR - 5 2000

Walter R. Bensch
Walter R. Bensch





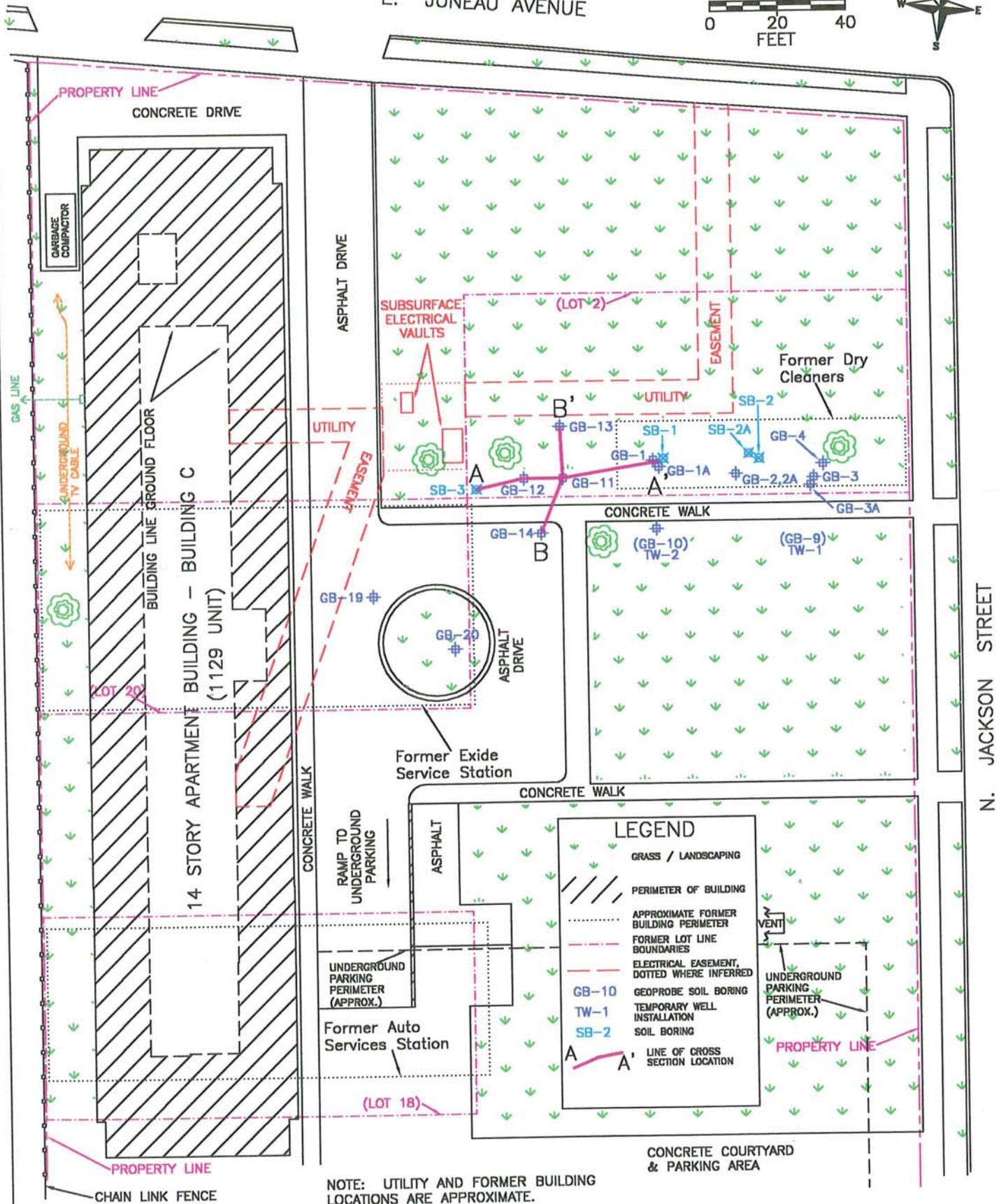
fox environmental services inc

FIGURE 1
SITE LOCATION

PROJECT NO. 98947

E. JUNEAU AVENUE

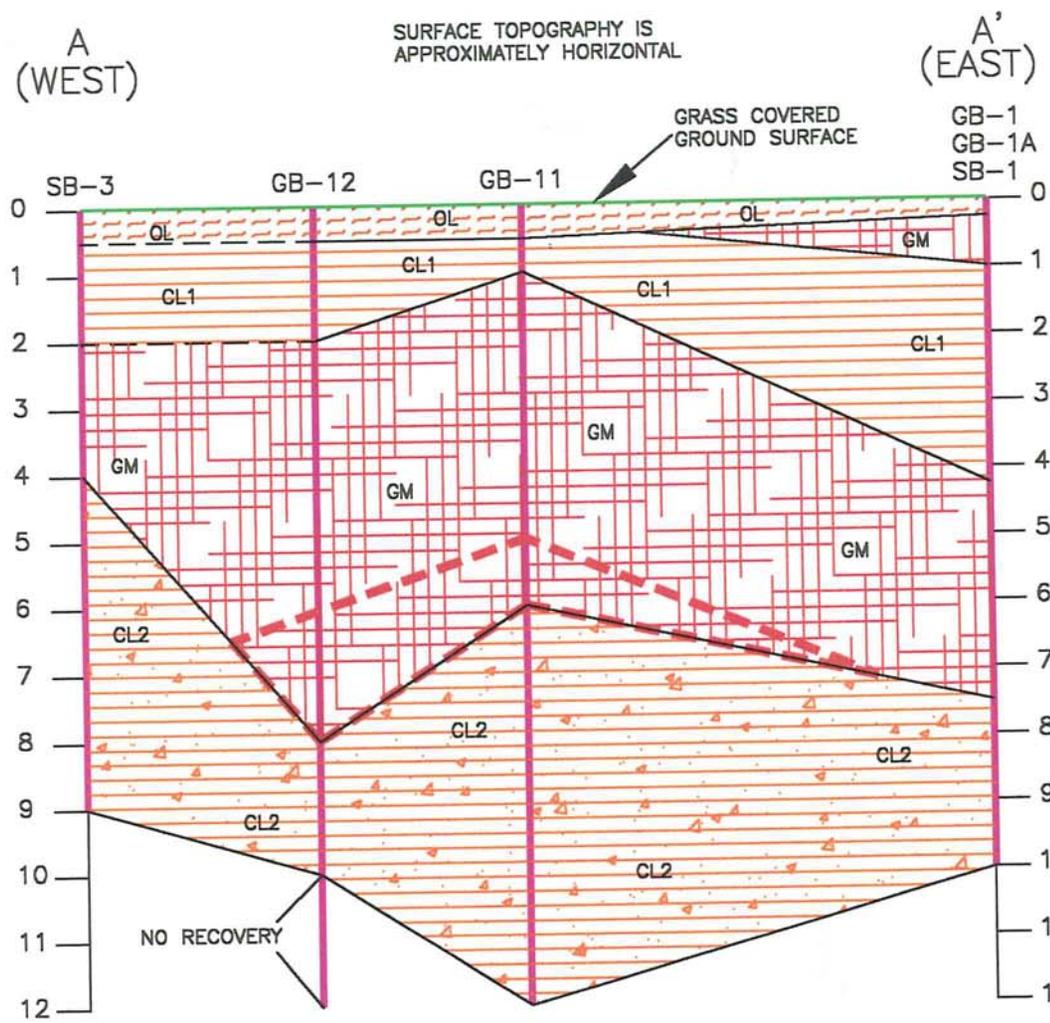
GRAPHIC SCALE



N. JACKSON STREET

FIGURE 2: SITE FEATURES MAP
Juneau Village Apartments
1029 North Jackson Street
Milwaukee, Wisconsin
Project # 98947





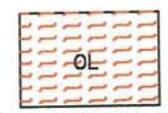
LEGEND

GB-12

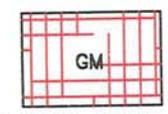
BOREHOLE LOCATION AND DESIGNATION



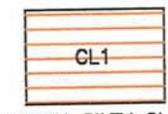
ESTIMATED PERIMETER OF HYDROCARBON IMPACTS



TOPSOIL SURFACE LAYER



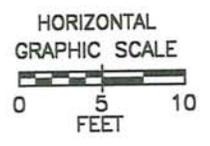
SILT, SAND, GRAVEL AND PEBBLES WITH BRICK AND CONCRETE CHIPS



BROWN SILTY CLAY



RED-BROWN TO BROWN SILTY CLAY WITH GRAVEL, PEBBLES AND BLACK ROCK CHIPS



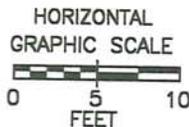
VERTICAL EXAGGERATION = 4X.

UNIT CONTACTS ARE DASHED WHERE INFERRED.

Note: Each vertical plane represented by the segment of the line of section drawn between consecutive boreholes is oriented in this cross section view so that each plane is perpendicular to the reader's line of sight.

Figure 3: Cross Section A-A', Former Dry Cleaner Area
 Juneau Village Apts.
 1029 North Jackson Street
 Milwaukee, WI 53202
 Project # 98947

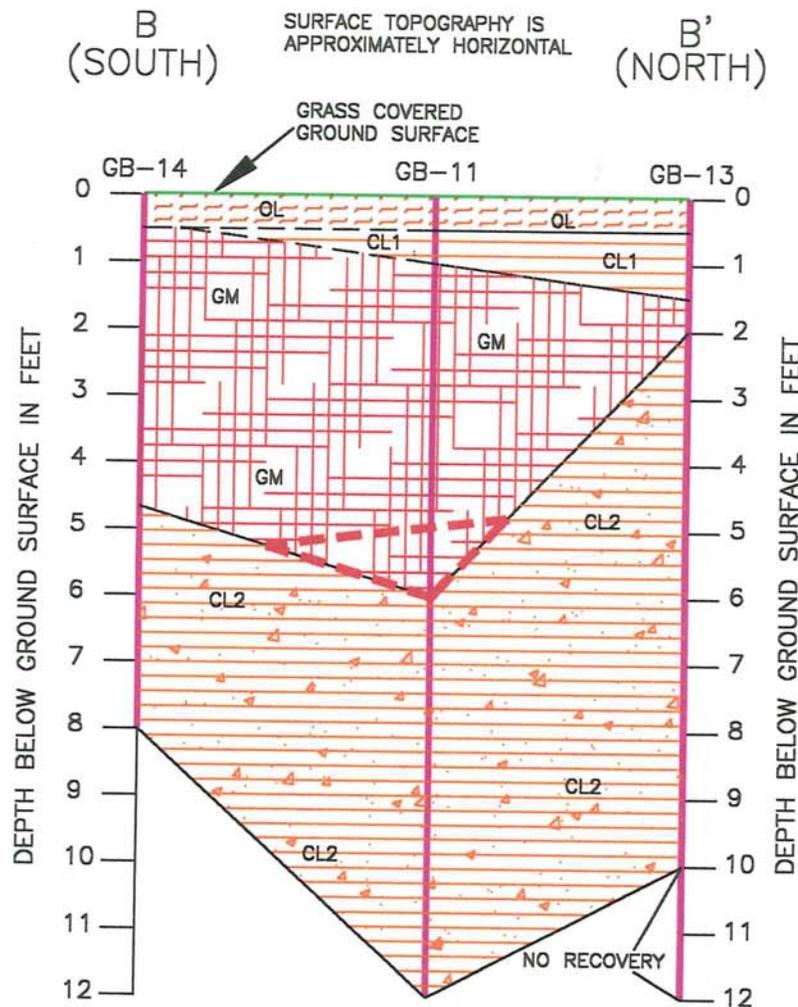




VERTICAL EXAGGERATION = 4X.

UNIT CONTACTS ARE DASHED WHERE INFERRED.

Notes: Each vertical plane represented by the segment of the line of section drawn between consecutive boreholes is oriented in this cross section view so that each plane is perpendicular to the reader's line of sight.



LEGEND

GB-12

BOREHOLE LOCATION AND DESIGNATION

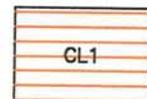
ESTIMATED PERIMETER OF HYDROCARBON IMPACTS



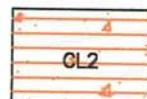
TOPSOIL SURFACE LAYER



SILT, SAND, GRAVEL AND PEBBLES WITH BRICK AND CONCRETE CHIPS



BROWN SILTY CLAY



RED-BROWN TO BROWN SILTY CLAY WITH GRAVEL, PEBBLES AND BLACK ROCK CHIPS

Figure 4: Cross Section B-B', Former Dry Cleaner Area
 Juneau Village Apts.
 1029 North Jackson Street
 Milwaukee, WI 53202
 Project # 98947



Table 1: Summary of Soil Sampling Results for GRO/VOC Area, Juneau Village Apartments Milwaukee, Wisconsin

FOX Project #: 98947

Shading and bold indicates a WDNR soil standard attained or exceeded.

Note: Borings GB-1 through GB-4 were met with refusal, no samples were collected however corelogs are provided.

| Note: GB-9 through GB-14 collected on 10/07/98. | GB-9 6-8 | GB-9 20-22 | GB-10 4-6 | GB-10 20-22 | WDNR Standard |
|---|-------------|---------------|--------------|----------------|------------------|
| VOCs (in ppb) | | | | | |
| ethylbenzene | BQL | BQL | BQL | BQL | 2,900 |
| isopropylbenzene | BQL | BQL | BQL | BQL | NA |
| p-isopropyltoluene | BQL | BQL | BQL | BQL | NA |
| naphthalene | BQL | BQL | 280 | BQL | NA |
| n-propylbenzene | BQL | BQL | BQL | BQL | NA |
| toluene | BQL | BQL | BQL | BQL | 1,500 |
| 1,2,4-trimethylbenzene | BQL | BQL | BQL | BQL | NA |
| 1,3,5-trimethylbenzene | BQL | BQL | BQL | BQL | NA |
| total xylenes | BQL | BQL | BQL | BQL | 4,100 |
| all others | BQL | BQL | BQL | BQL | NA |

| Note: GB-9 through GB-14 collected on 10/07/98. | GB-11 4-6 | GB-11 10-12 | GB-12 6-8 | GB-12 8-10 | GB-13 4-6 | GB-13 8-10 | GB-14 4-6 | GB-14 6-8 | DUP (GB-11 4-6) | Blank (10/07/98) | WDNR Standard |
|---|--------------|----------------|--------------|---------------|--------------|---------------|--------------|--------------|--------------------|---------------------|------------------|
| GRO (in ppm) | 2,300 | BQL | 150 | BQL | BQL | BQL | BQL | BQL | 1,600 | - | 250 |
| VOCs (in ppb) | | | | | | | | | | | |
| n-butylbenzene | BQL | BQL | BQL | BQL | BQL | BQL | BQL | BQL | 1,800 | BQL | NA |
| ethylbenzene | 6,200 | BQL | 3,800 | BQL | BQL | BQL | BQL | BQL | 14,000 | BQL | 2,900 |
| isopropylbenzene | 17,000 | BQL | 11,000 | BQL | BQL | BQL | BQL | BQL | 3,400 | BQL | NA |
| p-isopropyltoluene | 5,900 | BQL | 4,800 | BQL | BQL | BQL | BQL | BQL | BQL | BQL | NA |
| naphthalene | 1,100 | BQL | 550 | BQL | BQL | BQL | BQL | BQL | 740 | BQL | NA |
| n-propylbenzene | 17,000 | BQL | 13,000 | BQL | BQL | BQL | BQL | BQL | 15,000 | BQL | NA |
| toluene | 600 | BQL | BQL | BQL | BQL | BQL | BQL | BQL | BQL | BQL | 1,500 |
| 1,3,5-trimethylbenzene | BQL | BQL | BQL | BQL | BQL | BQL | BQL | BQL | 13,000 | BQL | NA |
| total xylenes | 7,100 | BQL | 3,600 | BQL | BQL | BQL | BQL | BQL | BQL | BQL | 4,100 |
| all others | BQL | BQL | BQL | BQL | BQL | BQL | BQL | BQL | BQL | BQL | NA |
| total organic carbon (in ppm) | NA | 8,300 | NA | NA | NA | NA | NA | NA | NA | NA | NA |

| Note: SB-1 through SB-3 collected on 10/13/98. GB-19 through GB-20 collected on 11/09/98. | SB-1 4-6 | SB-1 8-10 | SB-2 6-8 | SB-3 4-6 | DUP (SB-1 4-6) | Blank (10/07/98) | GB-19 9-10 | GB-20 9-10 | WDNR Standard |
|--|-------------|--------------|-------------|-------------|-------------------|---------------------|---------------|---------------|------------------|
| GRO (in ppm) | BQL | BQL | BQL | BQL | BQL | - | - | - | 250 |
| VOCs (in ppb) | | | | | | | | | |
| naphthalene | BQL | BQL | 160 | BQL | BQL | BQL | - | - | NA |
| all others | BQL | BQL | BQL | BQL | BQL | BQL | - | - | NA |
| Hydraulic Conductivity (cm/sec) | - | - | - | - | - | - | 3.4E-07 | 6.2E-08 | NA |

Notes: GB = Geoprobe soil boring.
 SB = Hollow stem auger soil boring.
 GB-9 6-8 or SB-1 2-4 = Borehole designation and sample depth interval (in feet).
 VOCs = Volatile Organic Compounds.
 GRO = Gasoline Range Organic.
 BQL = Below quantitation limit.
 BQL(D) = Detected below quantitation limit.

NA = Not Applicable.
 ppm = Parts per million.
 ppb = Parts per billion.
 - = Not analyzed for this parameter.

Positive results due to laboratory or other external cross contamination are not reported in this table.