GIS REGISTRY
Cover Sheet

July, 2008
(RR 5367)

Source Property Information

CLOSURE DATE: Jan 25, 2002

BRRTS #: 02-05-110423

FID #: 405169930

ACTIVITY NAME: LINDEMANS CLEANING INC

DATCP #:

PROPERTY ADDRESS: 1231 S MONROE AVE

COMM #:

MUNICIPALITY: ALLOUEZ VIL

PARCEL ID #: AL-7

***WTM COORDINATES:**

X: **677358** Y: **448973**

** 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:

- [X] Groundwater Contamination > ES *(236)*
  - [ ] Contamination in ROW
  - [ ] Off-Source Contamination

  (***note:*** *for list of off-source properties see "Impacted Off-Source Property")*
- [X] Soil Contamination > *RCL or **SSRCL *(232)*
  - [ ] Contamination in ROW
  - [ ] Off-Source Contamination

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

Land Use Controls:

- [ ] Soil: maintain industrial zoning *(220)*

  (***note:*** *soil contamination concentrations between residential and industrial levels)*
- [ ] Structural Impediment *(224)*
- [ ] Site Specific Condition *(228)*
- [X] Cover or Barrier *(222)*

  (***note:*** *maintenance plan for groundwater or direct contact)*
- [ ] Vapor Mitigation *(226)*
- [ ] Maintain Liability Exemption *(230)*

  (***note:*** *local government or economic development corporation)*

Monitoring wells properly abandoned? *(234)*

(•) Yes ( ) No ( ) N/A

** Residual Contaminant Level*
***Site Specific Residual Contaminant Level*

State of Wisconsin
Department of Natural Resources
http://dnr.wi.gov

GIS Registry Checklist

Form 4400-245 (R 4/08)

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 #: 02-05-110423 PARCEL ID #: AL-7

ACTIVITY NAME: LINDEMANS CLEANING INC WTM COORDINATES: X: 677358 Y: 448973

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

- [X] **Closure Letter**
- [X] **Maintenance Plan** (*if activity is closed with a land use limitation or condition (land use control) under s. 292.12, Wis. Stats.*)
- [X] **Conditional Closure Letter**
- [ ] **Certificate of Completion (COC)** for VPLE sites

SOURCE LEGAL DOCUMENTS

- [X] **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 8.5 x 14 inches unless the map is submitted electronically.

- [X] **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 Map**
- [X] **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 Plan**
- [ ] **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 #: 02-05-110423 ACTIVITY NAME: LINDEMANS CLEANING INC

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 #: 3,4 **Title: Location of Geologic Cross Sections, Geologic Cross Section A-A'**

Figure #: 5 **Title: Geologic 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 #: 7 **Title: Isoconcentration Contour Map of Soil Gasoline Range Organics Concentrations**

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

Figure #: 7 **Title: Groundwater Potentiometric Surface Map**

Figure #: **Title:**

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

Tables must be no larger than 8.5 x 14 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: Soil Analytical Results**

☒ **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 #: 6, 2 **Title: Groundwater Analytical Results**

☒ **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 #: 4 **Title: Water Level Measurements**

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 #: 02-05-110423 ACTIVITY NAME: LINDEMANS CLEANING INC

NOTIFICATIONS

Source Property

- ☐ **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.

- ☐ **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:

WISCONSIN
DEPT. OF NATURAL RESOURCES

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Scott McCallum, Governor
Darrell Bazzell, Secretary
Ronald W. Kazmierczak, Regional Director

Northeast Region Headquarters
1125 N. Military Ave., P.O. Box 10448
Green Bay, Wisconsin 54307-0448
Telephone 920-492-5800
FAX 920-492-5913
TTY 920-492-5912

January 25, 2002

Mr. Dennis Schmidt
Lindeman's Cleaning, Inc.
1231 South Monroe Avenue
Green Bay, Wisconsin 54301

Subject: Final Case Closure With Conditions Met, Lindeman's Cleaning, 1231 South Monroe Avenue, Green Bay, Wisconsin BRRTS #: 02-05-110423

Dear Mr. Schmidt:

On January 4, 2002, the Department received correspondence indicating that you have complied with the conditions of closure for the above case. On that date, the Department received the following:

- A proof of filing of the soil and groundwater use restriction recorded at the Brown County Register of Deeds Office.
- A copy of the published Class 1 public notice regarding the protective cap on the property.
- Completed monitoring well abandonment forms.
- Cap maintenance plan for the property.

Based on the correspondence and data provided, it appears that your site has been remediated to Department standards in accordance with s. NR 726.05, Wis. Adm. Code. The Department considers this case closed and no further investigation, remediation or other action is required at this time.

Your site will be automatically listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites. To review the sites on the GIS Registry web page, visit http://gomapout.dnr.state.wi.us/org/at/et/geo/gwur/index.htm. Please be aware that this case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety or welfare, or the environment.

The Department greatly appreciates your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at 920-492-5861.

Yours truly,

Alan Thomas Nass, P.G., P.S.
Hydrogeologist
Bureau for Remediation & Redevelopment

cc: Dawn Gabardi, ARCADIS Geraghty & Miller, 126 N. Jefferson St., Suite 400, Milwaukee, WI, 53202

1826648

Document Number

DEED RESTRICTION

BROWN COUNTY
REGISTER OF DEEDS
CATHY WILLIQUETTE

2001 JUL 12 P 3:01

Declaration of Restrictions

In Re: The property described in Exhibit A hereby attached and made a part of this restriction.

Recording Area

18 (15)

Name and Return Address
KEN LINDEMANN
3370 NAUTICAL AV
GREEN BAY, WI 54311

STATE OF WISCONSIN)
) ss
COUNTY OF BROWN

WHEREAS, Kenneth W. Lindemann and Barbara R. Lindemann, are the owners of the above-described property.

AL-7, AL-8, AL-9.1, AL-9.2
Parcel Identification Number (PIN)

WHEREAS, one or more chlorinated compound and petroleum discharges have occurred on this property. Chlorinated compound and petroleum-contaminated groundwater above ch. NR 140, Wis. Adm. Code enforcement standards existed on this property at the following locations on the following dates: At Geoprobe® (GP) GP-9 on September 4, 1996, naphthalene at 62 micrograms per liter (ug/l) and vinyl chloride at 2.2 ug/l, at monitoring well (MW) MW-3 on December 10, 1999, vinyl chloride at 1.8 ug/l, and soil contamination existed on the property at the following locations on the following dates: at GP-1 on August 8, 1996, Gasoline Range Organics (GRO) at 710 milligrams per kilogram (mg/kg), at GP-4 on August 8, 1996, GRO at 1,200 mg/kg, at GP-5 on April 2, 1997, GRO at 3,800 mg/kg, at GP-6 on April 2, 1997, GRO at 9,800 mg/kg, at GP-7 on August 8, 1996, GRO at 630 mg/kg, at GP-9 on April 2, 1997, naphthalene at 12,000 micrograms per kilogram (ug/kg), 1,3,5-trimethylbenzene at 22,000 ug/kg, and GRO at 9,900 mg/kg,, at GP-17 on September 4, 1996, GRO at 930 mg/kg, and at GP-19 on September 4, 1996, GRO at 3,100 mg/kg. Location of the Geoprobes® and monitoring well is provided on Figure 1 attached and made part of this restriction.

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

WHEREAS, natural attenuation has been approved by the Department of Natural Resources to remediate groundwater contamination exceeding ch. NR 140, Wis. Adm. Code groundwater standards within the boundaries of this property.

WHEREAS, construction of wells where the water quality does not comply with drinking water standards in ch. NR 809, Wis. Adm. Code is restricted by chs. NR 811 and NR 812, Wis. Adm. Code. Special well construction standards or water treatment requirements, or both, or well construction prohibitions may apply.

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:

Anyone who proposes to construct or reconstruct a well on this property is required to contact the Department of Natural Resources' Bureau of Drinking Water and Groundwater, or it successor agency, to determine what specific requirements are applicable, prior to constructing or reconstructing a well on this property. No well may be constructed on this property unless applicable requirements are met.

If construction is proposed on this property that will require dewatering, or if groundwater is to be otherwise extracted from this property, while this groundwater use restriction is in effect, the groundwater shall be sampled and analyzed for contaminants that were previously detected on the property and any extracted groundwater shall be managed in compliance with applicable statutes and rules.

The concrete floor of the building and the asphalt parking lot and driveway are acting as an engineered cap to provide a remedial action to address the residual soil contamination. The following activities are prohibited on that portion of the property described above where a cap or building have been placed, unless prior written approval has been obtained from the Wisconsin Department of Natural Resources or its successor or assign: (1) Removal of the building, concrete floor or asphalt cap; (2) Excavating or grading of the land surface; (3) Filling on the capped area; (4) Plowing for agricultural cultivation; (5) Construction or installation of a building or other structure with a foundation that would sit on or be placed within the cap or cover; and (6) Excavation and installation of utilities. In the case of an emergency, such as a repair of a broken utility, work may proceed without prior written approval provided the Wisconsin Department of Natural Resources or its successor is notified by the end of the next business day. In addition, the cap or cover shall be maintained in compliance with a plan submitted to the Wisconsin Department of Natural Resources by a responsible party, as required by section NR 724.13(2), Wis. Adm. Code (1999).

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 benefits 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 to give notice that this deed restriction, or portions of this deed restriction, are no longer binding.

IN WITNESS WHEREOF, the owner of the property has executed this Declaration of Restrictions, this 6 day of JULY, 2001.

Signature: Kenneth W. Lindemann
Printed Name: Kenneth W. Lindemann

Subscribed and sworn to before me
this 6 day of JULY, 2001
Alan M. Kaminsky
Notary Public, State of CALIFORNIA
My commission Dec 15 2004

ALAN M. KAMINSKY
COMM. #1284518
Notary Public-California
LOS ANGELES COUNTY
My Comm. Exp. Dec. 15, 2004

IN WITNESS WHEREOF, the owner of the property has executed this Declaration of Restrictions, this 6 day of JULY, 2001.

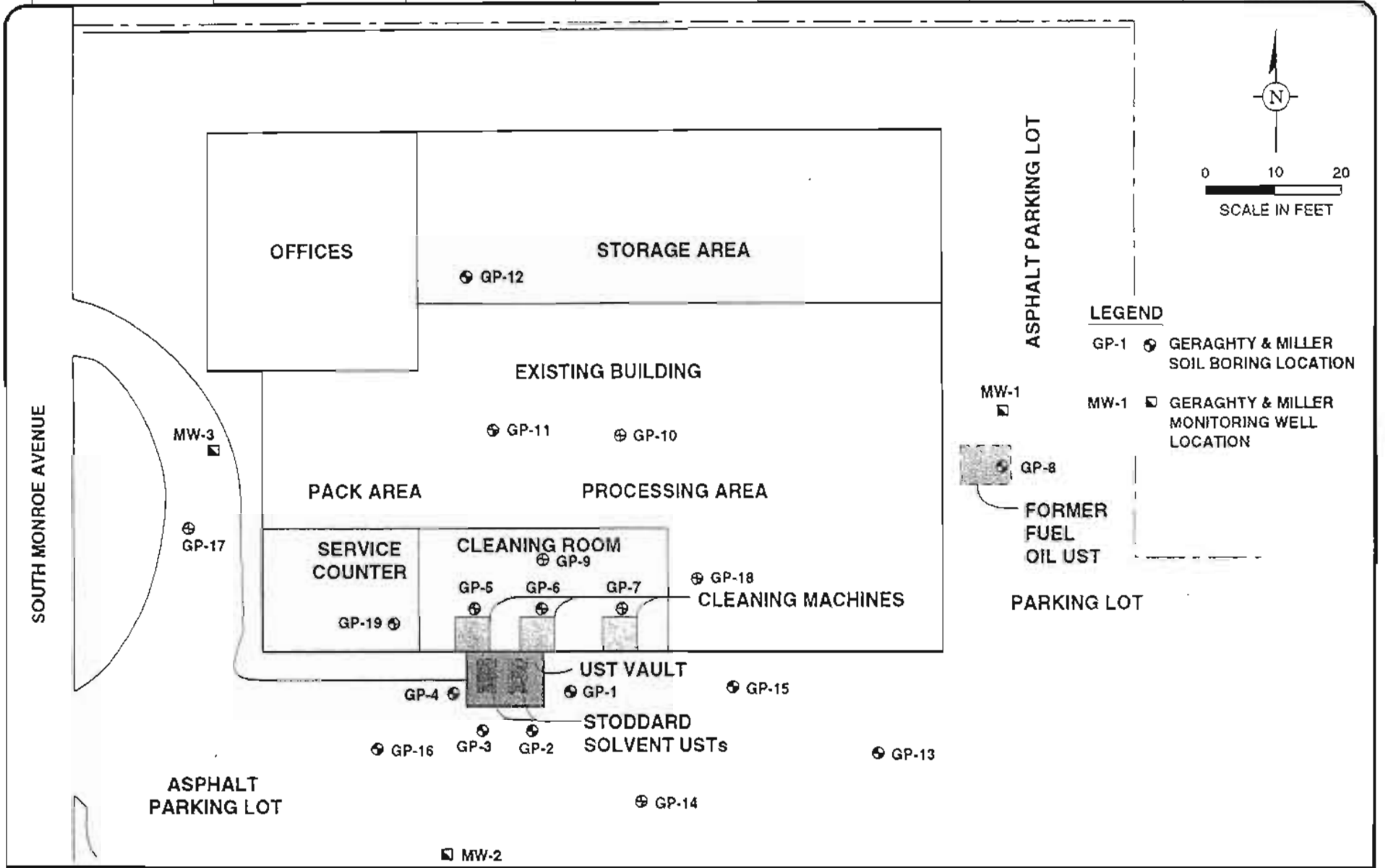
Signature: Barbara R. Lindemann
Printed Name: Barbara R. Lindemann

Subscribed and sworn to before me
this 6 day of JULY, 2001
Alan M. Kaminsky
Notary Public, State of CALIFORNIA
My commission Dec 15 2004

ALAN M. KAMINSKY
COMM. #1284518
Notary Public-California
LOS ANGELES COUNTY
My Comm. Exp. Dec. 15, 2004

This document was drafted by the Wisconsin Department of Natural Resources based on information provided by Dawn M. Gabardi, ARCADIS Geraughty & Miller, Inc., Milwaukee, Wisconsin.

DWG DATE: 18DEC96	PRJCT NO.: WI0580.001	FILE NO.: 1734	DRAWING: 19	CHECKED: KD/EAB	APPROVED:	DRAFTER: LEE/ELS



GERAGHTY & MILLER, INC.
Environment and Infrastructure
a heidemij company

SOIL BORING AND MONITORING WELL LOCATIONS

LINDEMAN'S CLEANERS, INC.
GREEN BAY, WISCONSIN

FIGURE
1

Introduction

The Lindeman's Cleaning property is located at 1231 South Monroe Avenue in Green Bay, Wisconsin. The property covers an area of approximately 1 acre, and has been occupied by a drycleaning facility from 1958 to the present. Stoddard solvent has historically been used as the drycleaning chemical in facility operations. An environmental investigation and groundwater monitoring was completed on the property between 1996 and 1999. As a result of a release of Stoddard solvent from drycleaning operations, limited areas of soil impacted primarily by petroleum hydrocarbons remain at the property. A remedial program will be implemented to address the contamination. This program includes using the elements of the site development as barriers to direct contact with residual soil impacts. Building floors and foundations, asphalt parking lots, and concrete pavement will serve as a surficial cap to reduce the potential for direct contact exposure and minimize groundwater infiltration. To maintain the effectiveness of the cap, periodic inspections and maintenance will be necessary.

This Cap Maintenance Plan presents a summary of the Site history and remedial strategy, and describes the procedures to be followed in inspecting and maintaining barriers that cover residual soil impacts. Additional information regarding the evaluation of risks from residual impacts can be found in the "Summary of Site Investigation and Request for Site Closure," prepared by ARCADIS, Inc. and dated June 2000.

Site Background

The Lindeman's Cleaning facility (the Site) is located in the Village of Allouez, Brown County, in the western half of United States Public Land Survey Section 9, Township 23 North, Range 21 East of the De Pere, Wisconsin quadrangle. The Site location is shown on Figure 1. The Wisconsin Department of Natural Resources (WDNR) assigned Bureau of Remediation and Redevelopment Tracking System (BRRTS) Number 02-05-110423 to the Site.

Mr. Dennis Schmitt, President of Lindeman's Cleaning, Inc., owns and operates the drycleaning facility. Mr. Kenneth Lindeman owns the subject property. The Site is developed with a single-story building with a slab-on-grade foundation. The building is located on the northern portion of the Site. The area immediately surrounding the building is paved with an asphalt/concrete parking lot, driveway, and sidewalk.

One 500-gallon Stoddard solvent "soap" tank, one 1,000-gallon Stoddard solvent "rinse" tank, and one 500-gallon fuel oil underground storage tank (UST) were

removed from the Site in 1988. The solvent USTs were located adjacent to the building. After removal of the old solvent USTs, two new USTs were installed in a concrete vault constructed within the cavity of the former Stoddard solvent USTs.

Petroleum hydrocarbons and trace levels of chlorinated hydrocarbons in soil and groundwater were identified at the Site during the investigation. The most prevalent constituents detected in soil were 1,2,4-trimethylbenzene (TMB) and 1,3,5-TMB. The source of these constituents is associated with the Stoddard solvent USTs. Two chlorinated hydrocarbons were detected in two soil borings only, at concentrations significantly less than the TMBs. Chlorinated hydrocarbons are not constituents of Stoddard solvent. The majority of soil impacts (70 percent) are found at shallow depths underneath the building in the general vicinity of the dry cleaning machines and solvent USTs. The remaining soil impacts are located beneath the parking lot and driveway adjacent to the southern and western portion of the building. The fuel oil UST was located east of the building and did not impact the soil or groundwater.

Petroleum hydrocarbon contamination detected in soil beneath the building and parking lot does not appear to be impacting groundwater at levels that exceed regulatory standards. Petroleum hydrocarbon concentrations remained below the NR 140 Preventive Action Limits (PALs) in the on-site monitoring wells over the duration of the monitoring program.

Groundwater in one monitoring well has been impacted with one compound, vinyl chloride, at a level that exceeds the Enforcement Standard (ES) established in NR 140 of the Wisconsin Administrative Code (WAC). However, the concentration appears stable. Based on an evaluation of groundwater samples collected from the adjacent property located downgradient of the Site, chlorinated hydrocarbons have not impacted off-site groundwater quality. Natural attenuation is capable of reducing vinyl chloride to below the NR 140 PAL within a reasonable period of time.

Remediation Plan

The existing site development will be used in conjunction with soil and groundwater use restrictions and natural attenuation to enhance the performance of the remedial strategy. In accordance with the conditions set by the WDNR to obtain case closure, the following remedial activities have been or will be conducted:

- Utilize the elements of the site development as engineering controls to prevent contact with any residual soil impacts left in place.

- Soil and groundwater use restrictions on the property were filed with the Brown County Register of Deeds.

- Natural attenuation will be used to address the remaining residual constituents. Additional groundwater monitoring is not necessary at this time, based on the historical groundwater analytical results.

Performance standards in accordance with Sec. NR 720.19(2) will be used to minimize the risks associated with the residual contamination that remains in place within the vadose zone soils beneath the building and parking lot. The concrete floor of the building and the asphalt and concrete parking lots and driveway will serve as a performance standard for prevention of direct contact in accordance with Sec. NR 720.19. The existing concrete and asphalt cap will also minimize surface infiltration and migration of contaminants to the groundwater. All areas of the site with vadose zone contamination are currently covered by impervious surfaces installed during previous site development.

Cap Maintenance Plan

To verify that the concrete and asphalt cap continues to act as a barrier to direct contact and groundwater infiltration, periodic maintenance will be required. The Cap Maintenance Plan will consist of the following elements:

- Identification of areas where residual impacted soil has been left in place.

- Annual inspection of the cap elements overlying each of the identified areas.

- Completion of maintenance activities to maintain the integrity of the cap elements.

Each of these elements is discussed in the following sections.

Identification of Residual Soil Impacts

- Soil sample data collected during the investigation were used to identify the area where impacted soil was left in place within 6 feet of the ground surface. This area was overlain on a map of the property depicting the existing development. The horizontal extent of residual soil impacts is presented on Figure 2.

- Each of the cap elements that cover the area of impacts was identified on Figure 2. These elements include the building floor and foundation, the asphalt parking lot, and concrete pavement (i.e., driveways and sidewalks).

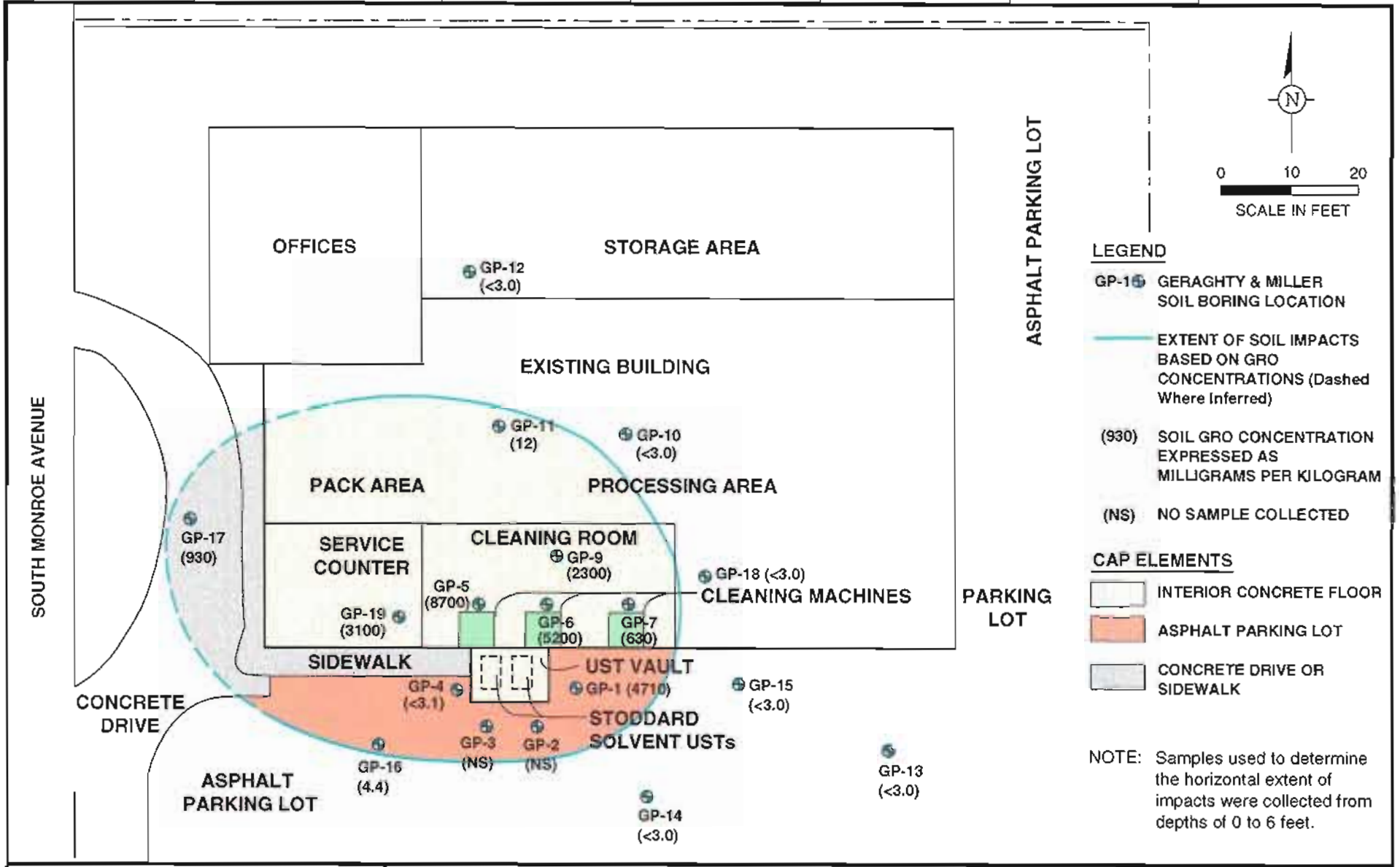
Annual Inspections

- Each year, a representative of Lindeman's Cleaning, Inc. will inspect the integrity of the cap elements that cover the area of residual soil impacts.
- The results of the inspection will be documented on copies of the attached Annual Cap Inspection and Maintenance Form. The inspection report will present a summary of each area inspected, the condition of the cap elements, and recommendations for repairs (if necessary).
- The inspection report will be kept on file at the Lindeman's Cleaning facility.

Maintenance

- Repairs recommended on the inspection report will be implemented to maintain the integrity of the cap.
- Such repairs may include, but are not limited to: replacing seals, grouting cracks, and patching asphalt or concrete.
- The status and a description of the repairs will be documented on the inspection form after the repairs are completed. As previously discussed, the report will be kept on file at the facility.

DWG DATE: 22JAN01	PN: LINDEMAN\WI0580\PHASEONE	FILE NO.: GRAPHICS	DRAWING: EXTENT.AI	CHECKED: DG	APPROVED:	DRAFTER: LEE\ELS



ARCADIS
GERAGHTY & MILLER

CAP ELEMENTS AND EXTENT OF RESIDUAL SOIL IMPACTS BASED ON GASOLINE RANGE ORGANICS CONCENTRATIONS

LINDEMAN'S CLEANERS, INC.
GREEN BAY, WISCONSIN

FIGURE
2

ANNUAL CAP INSPECTION AND MAINTENANCE FORM

Lindeman's Cleaning Facility
1231 South Monroe Avenue
Green Bay, Wisconsin

Date of Inspection: _____

Personnel Completing Inspection: _____

Cap Element:	Concrete floor	Asphalt parking lot	Concrete driveway	Concrete sidewalk
Cap Element Location:	Southern building interior	Southern side of building	Western side of building	Adjacent to western and southern side of building
Condition of Cap (note presence of potholes, cracks, broken seals, etc.)				
Recommendations for Repairs				
Description of Repairs				

If Applicable:

Name of Personnel Completing Repair Work: _____

Date Repairs Completed: _____

Signature of Personnel Completing Repairs: _____

WISCONSIN
DEPT. OF NATURAL RESOURCES

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Scott McCallum, Governor
Darrell Bazzell, Secretary
Ronald W. Kazmierczak, Regional Director

Northeast Region Headquarters
1125 N. Military Ave., P.O. Box 10448
Green Bay, Wisconsin 54307-0448
Telephone 920-492-5800
FAX 920-492-5913
TTY 920-492-5912

December 10, 2001

Mr. Dennis Schmitt
Lindeman's Cleaning, Inc.
1231 S Monroe Avenue
Green Bay, WI 54301

SUBJECT: Closure condition for Lindeman's Cleaning; 1231 S Monroe Avenue; Green Bay, Wisconsin
WDNR BRRTS ID #: 02-05-110423

Dear Dennis Schmitt:

The purpose of this letter is twofold:

1. To notify you of a change to NR 726 Wisconsin Administrative Code that impacts the requirements for closure of cases such as yours, where the Department has approved closure pending your filing a Groundwater Use Restriction at the County Register of Deeds office.

2. To outline your options for receiving final closure of the above referenced groundwater contamination case.

Changes to Closure Requirements

As of November 1, 2001, a change in the Wisconsin Administrative Code removed the requirement that a property owner file a Groundwater Use Restriction with the property deed for cases with remaining groundwater contamination. Instead, the Department will now be placing information (maps, laboratory sample data, etc.) regarding the investigation and cleanup of such properties on the Department's Registry of Closed Remediation Sites Internet Webpage which can be viewed at *http://gomapout.dnr.state.wi.us/ org/at/et/geo/gwur/mapApp.http.*

This change also impacts cases where groundwater contamination from a source property is impacting off-site properties. Please contact your project manager referenced below for additional details.

Property Owner Options

On October 5, 2000, the Department notified you that the above referenced case had been approved for closure pending the filing of a Groundwater Use Restriction. Since that time, the Department has not received proof that the restriction has been filed. Because you were

approved for conditional closure prior to November 1, 2001, you now have two options for receiving final closure:

1. You may pay a $250.00 fee and the Department will place documents from the case file on the Registry of Closed Remediation Sites Internet Webpage. If you choose this option, you will not be required to file documents with your deed at the Register of Deeds office.

OR

2. You may file a Groundwater Use Restriction with your property deed at the Brown County Register of Deeds. The Department will then place documents from the case file on the Registry of Closed Remediation Sites Internet Webpage. You will not be charged the $250.00 fee.

Please note that, whichever option you choose, you are still required to comply with any other conditions of closure (monitoring well abandonment forms, soil disposal documents, etc.) outlined in the Department's letter sent to you at the time of conditional closure approval.

Within 14 days of receipt of this notice, please inform the Department of which option you intend to pursue.

The Department appreciates your efforts to restore the environment at this site. If you have any questions about this letter, please contact your project manager, Keld Lauridsen, in Green Bay at 920/492/5921.

Thank you.

Sincerely,

Carrie Rackey
Program Assistant
Bureau for Remediation and Redevelopment

1826648

Attachment A

1585470
DOCUMENT NO.

QUIT-CLAIM DEED

State Bar of Wisconsin Form 3 - 1982

REGISTER OF DEEDS
BROWN COUNTY

'97 DEC 15 PM 3 55

CATHY WILLIQUETTE
REGISTER OF DEEDS

Kenneth W. Lindeman a/k/a Kenneth W. Lindemann

quit-claims to Kenneth W. Lindemann and Barbara R. Lindemann, husband and wife, as survivorship marital property

THIS SPACE RESERVED FOR RECORDING DATA

NAME AND RETURN ADDRESS

Schober & Ulatowski, S.C.
P.O. Box 1780
Green Bay, WI 54305-1780

10.00
(1)

the following described real estate in Brown County, State of Wisconsin:

Parcel No. AL-7: That part of the South One-half (S½) of Private Claim 9-East, commencing at the intersection of the East line of Monroe Avenue and the North line; thence Southwesterly 74 feet to the point of beginning; continuing in the same direction 100 feet; thence Southeasterly 165 feet more or less; Northeasterly to a point 75 feet South of the North line, Northwesterly to the point of beginning.

AL-7, AL-8, AL-9.1, AL-9.2
(Parcel Identification Number)

Parcel No. AL-8: That part of the South One-half (S½) of Private Claim 9-East, commencing at the intersection of the East line of Monroe Avenue and North line; thence Southwesterly 174 feet to point of beginning; continuing to a point 50 feet North of the South line of the mid-1/3rd; Southeasterly 165 feet more or less; Northeasterly to a point 175 feet South of the North line; Northwesterly to the point of beginning, and part lying between North and South lines of 1087 Records 116, Brown County Records, extending Westerly to the East line of the above property.

Parcel No. AL-9.1: That part of the South One-half (S½) of Private Claim 9-East, commencing at the intersection of the North line and East line of Quincy Street; thence Southerly 150 feet; thence North 64° West 49.5 feet to the point of beginning; continuing North 64° West 178.5 feet; thence South 25°53' West 50 feet; South 64° East 178.5 feet; North 25°53' East 50 feet to the point of beginning, except 1087 Records 116.

Parcel No. AL-9.2: That part of the South One-half (S½) of Private Claim 9-East commencing at the intersection of the North line and East line of Quincy Street; Southerly 300 feet; North 64° West to the East line of Monroe Avenue to the point of beginning; North 1°01' West 56.12 feet; South 64° East 197.1 feet; South 25°53' West 50 feet; North 64° West to the point of beginning.

All in Town of Allouez, Brown County, Wisconsin.

FEE
77.25 (8m)
EXEMPT

This ___is not___ homestead property.
(is) (is not)

Dated this 11 day of December, 1997.

(SEAL) Kenneth W. Lindemann (SEAL)

* *Kenneth W. Lindemann

(SEAL) (SEAL)

* *

AUTHENTICATION

Signature(s) _____

authenticated this ____ day of _____, 199__

* _____

TITLE: MEMBER STATE BAR OF WISCONSIN
(If not, _____
authorized by §706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY:
Timothy A. Cisler
Schober & Ulatowski, S.C.
(Signatures may be authenticated or acknowledged. Both are not necessary.)

ACKNOWLEDGMENT

STATE OF WISCONSIN:
SS:
BROWN COUNTY:

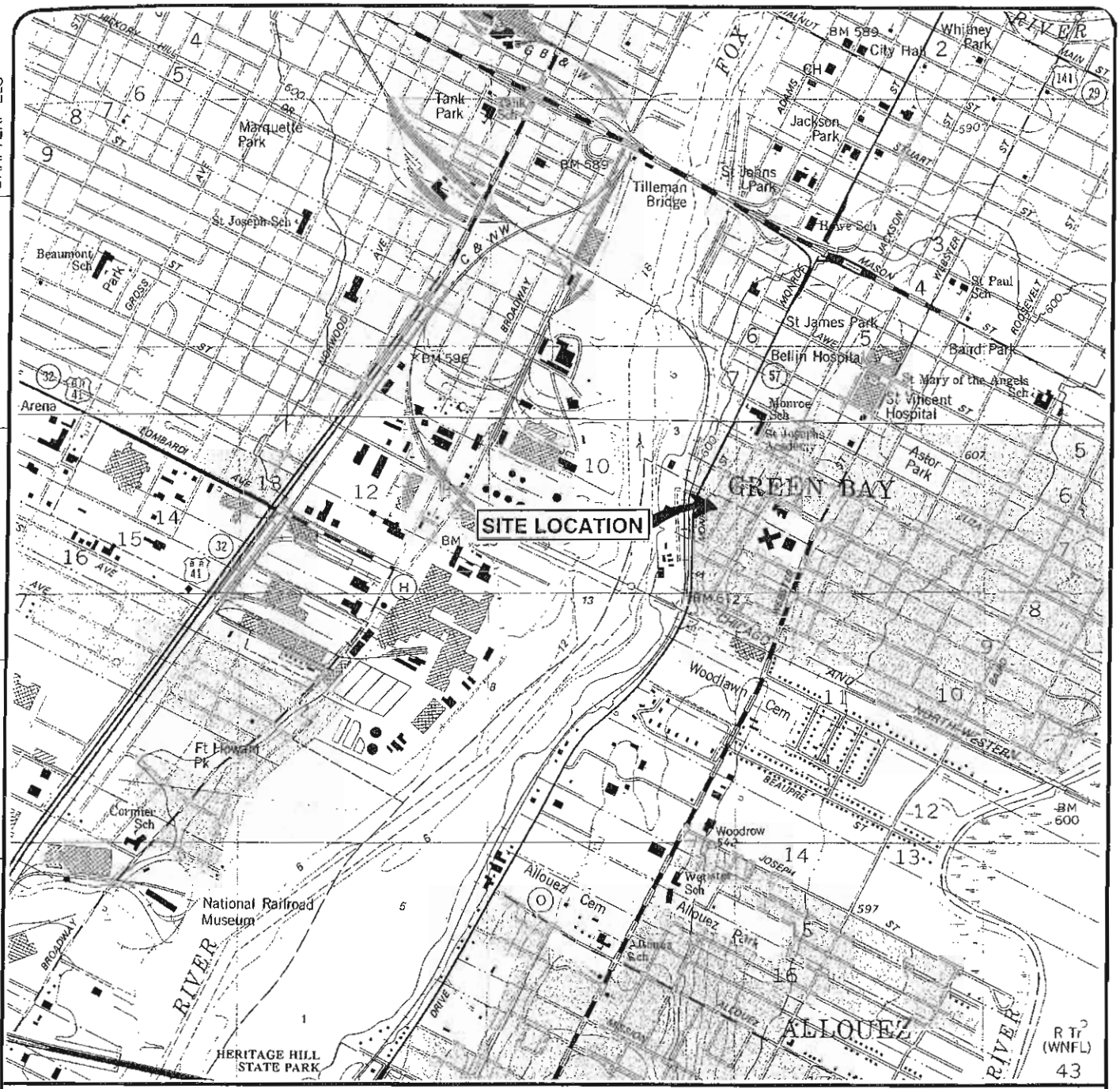
Personally came before me this 11 day of December, 1997, the above named Kenneth W. Lindemann

to me known to be the person ___ who executed the foregoing instrument and acknowledge the same.

* Kathy J. VanDeHey Ebert

Notary Public Brown County, Wis.
My commission is permanent. (If not, state expiration date: 5-22-2000)

*Names of persons signing in any capacity should be typed or printed below their signatures.



SOURCE: Composite of USGS 7.5 Minute Topographic Maps, DE PERE and GREEN BAY, WISCONSIN Quadrangles, 1982

N

0 1000 2000 4000

SCALE IN FEET

WISCONSIN

GERAGHTY & MILLER, INC.
Environment and Infrastructure
a heidemij company

SITE LOCATION MAP

LINDEMAN'S CLEANERS, INC.
GREEN BAY, WISCONSIN

FIGURE

1

DRAFTER: ELS
APPROVED:
CHECKED: KD
DRAWING: 01
FILE NO.: 1734
PRJCT NO.: W0580.001
DWG DATE: 26AUG96

DRAFTER: ELS
APPROVED:
CHECKED: DG
DRAWING: SITEPLAN.AI
FILE NO.: GRAPHICS
PN: LINDEMAN\WI0580\PHASEONE
DWG DATE: 31MAY00

MARINE STREET

GRASS

FENCE

MW200

FORMER UST

MW500

MW100

MW300

MW600

FORMER DISPENSER ISLAND

MW400

SOUTH MONROE AVENUE

JIM GILLIS PROPERTY (Former Clark Service Station)

ASPHALT

WISCONSIN CENTRAL RAILROAD

MARINE STREET

OFFICES

STORAGE AREA

GP-12

EXISTING BUILDING

GP-11

GP-10

MW-3

PACK AREA

PROCESSING AREA

GP-17

SERVICE COUNTER

CLEANING ROOM

GP-9

GP-6

GP-18

GP-5

CLEANING MACHINES

GP-19

GP-7

UST VAULT

GP-4

GP-1

GP-15

STODDARD SOLVENT USTs

GP-16

GP-3

GP-2

GP-13

GP-14

ASPHALT PARKING LOT

MW-2

ASPHALT PARKING LOT

MW-1

GP-8

FORMER FUEL OIL UST

PARKING LOT

N

0 20 40

APPROXIMATE SCALE IN FEET

SUBJECT PROPERTY

LEGEND

PROPERTY LINE

GP-1 SOIL BORING LOCATION

MW-1 ARCADIS GERAGHTY & MILLER MONITORING WELL LOCATION

MW200 NORTHERN ENVIRONMENTAL MONITORING WELL LOCATION

UST UNDERGROUND STORAGE TANK

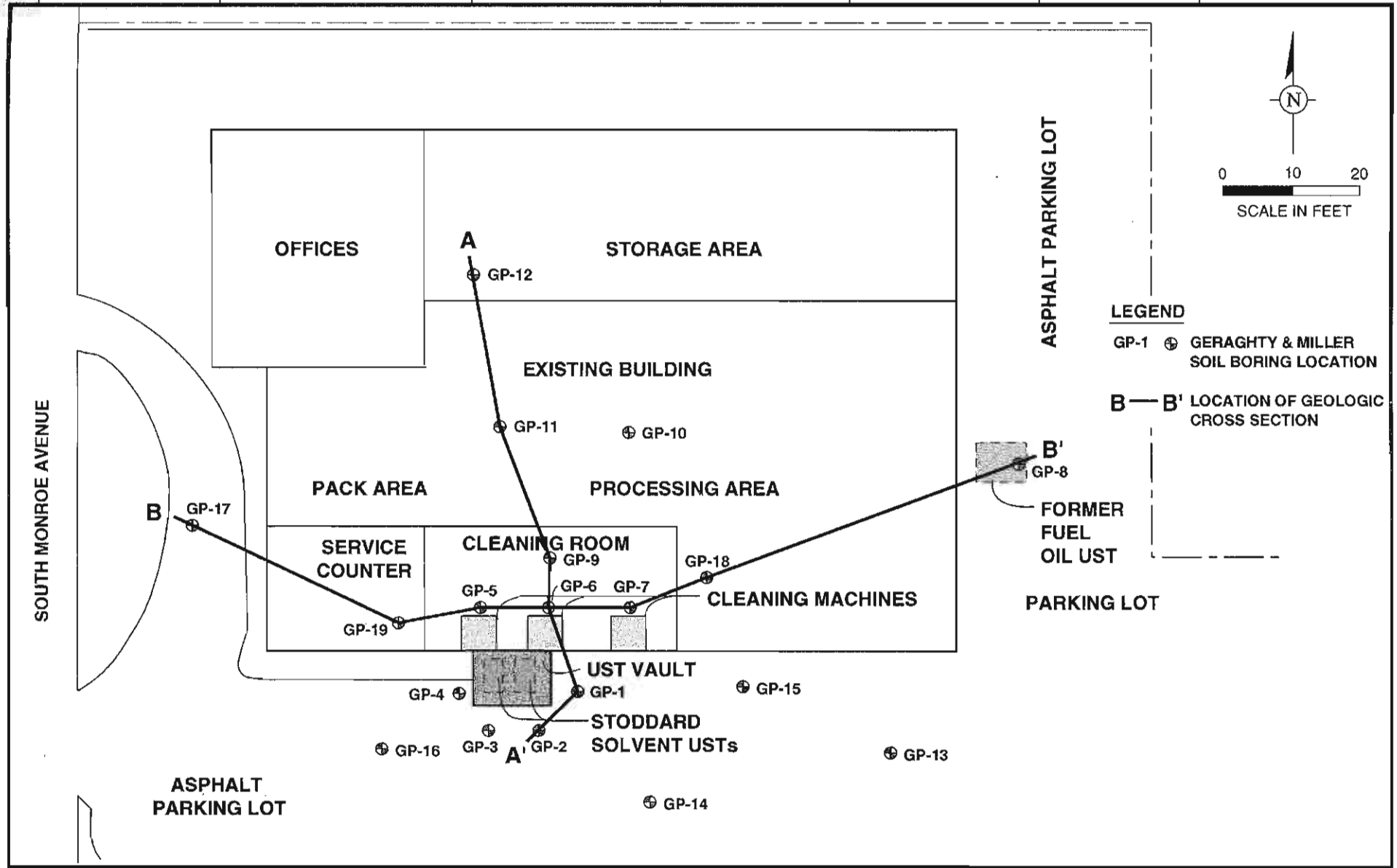
ARCADIS GERAGHTY & MILLER

SITE PLAN

LINDEMAN'S CLEANING, INC.
GREEN BAY, WISCONNSIN

FIGURE 2

DWG DATE: 09JUN00	PN: LINDEMAN\WI0580\PHASEONE	FILE NO.: GRAPHICS	DRAWING: XSEC_LOC.AI	CHECKED: KD\EAB\DG	APPROVED:	DRAFTER: LEE\ELS



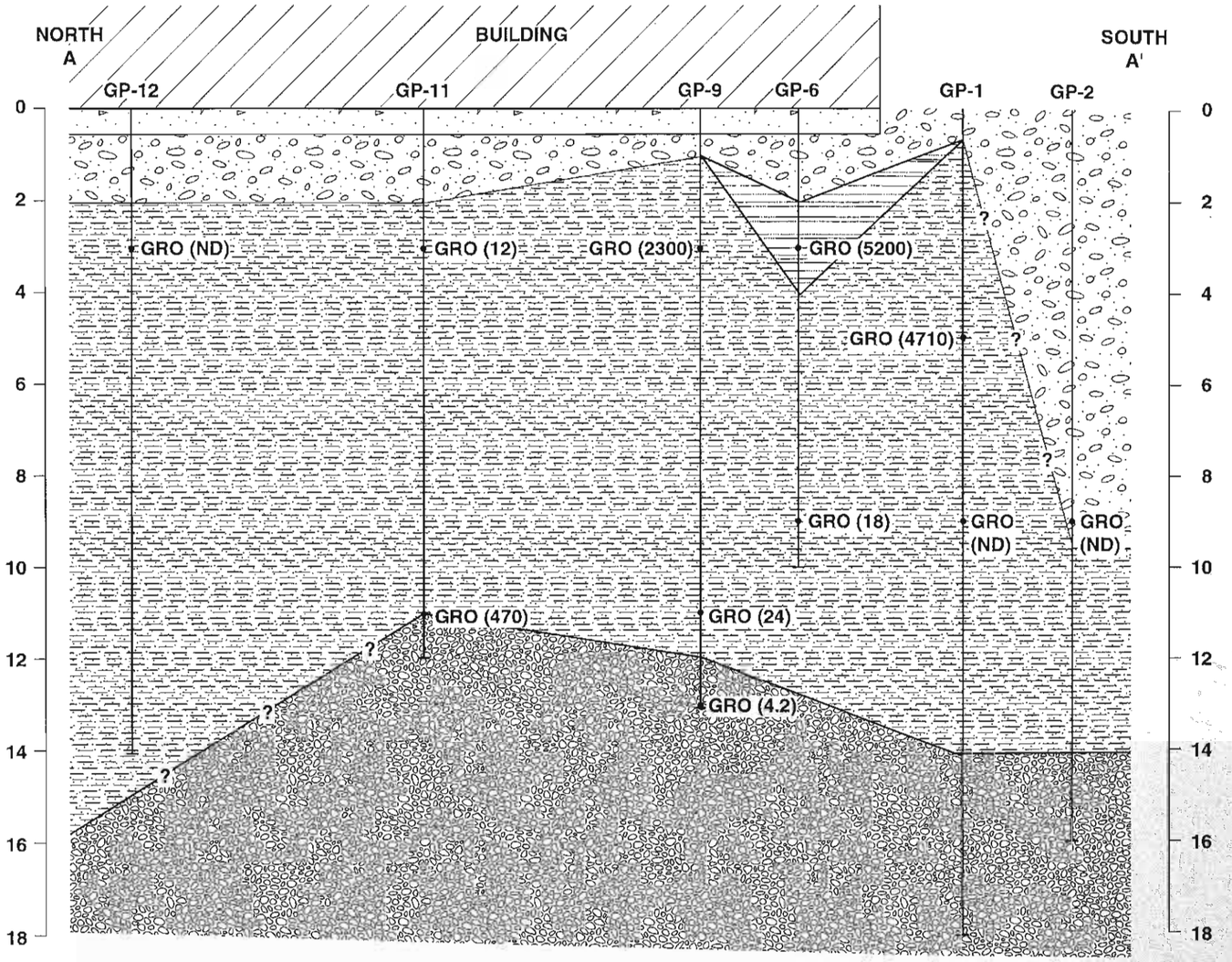
ARCADIS GERAGHTY & MILLER

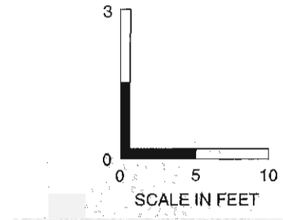
LOCATION OF GEOLOGIC CROSS SECTIONS

LINDEMAN'S CLEANERS, INC.
GREEN BAY, WISCONSIN

FIGURE
3

DRAFTER: ELS
APPROVED:
CHECKED: EAB/DG
DRAWING: XSECA_A.AI
FILE NO.: GRAPHICS
PN: LINDEMAN\W0580\PHASEONE
DWG DATE: 09JUN00





LEGEND

- CONCRETE
- SAND, GRAVEL, CLAY FILL
- SANDY SILT, SILTS
- SILTY CLAY
- SAND AND GRAVEL

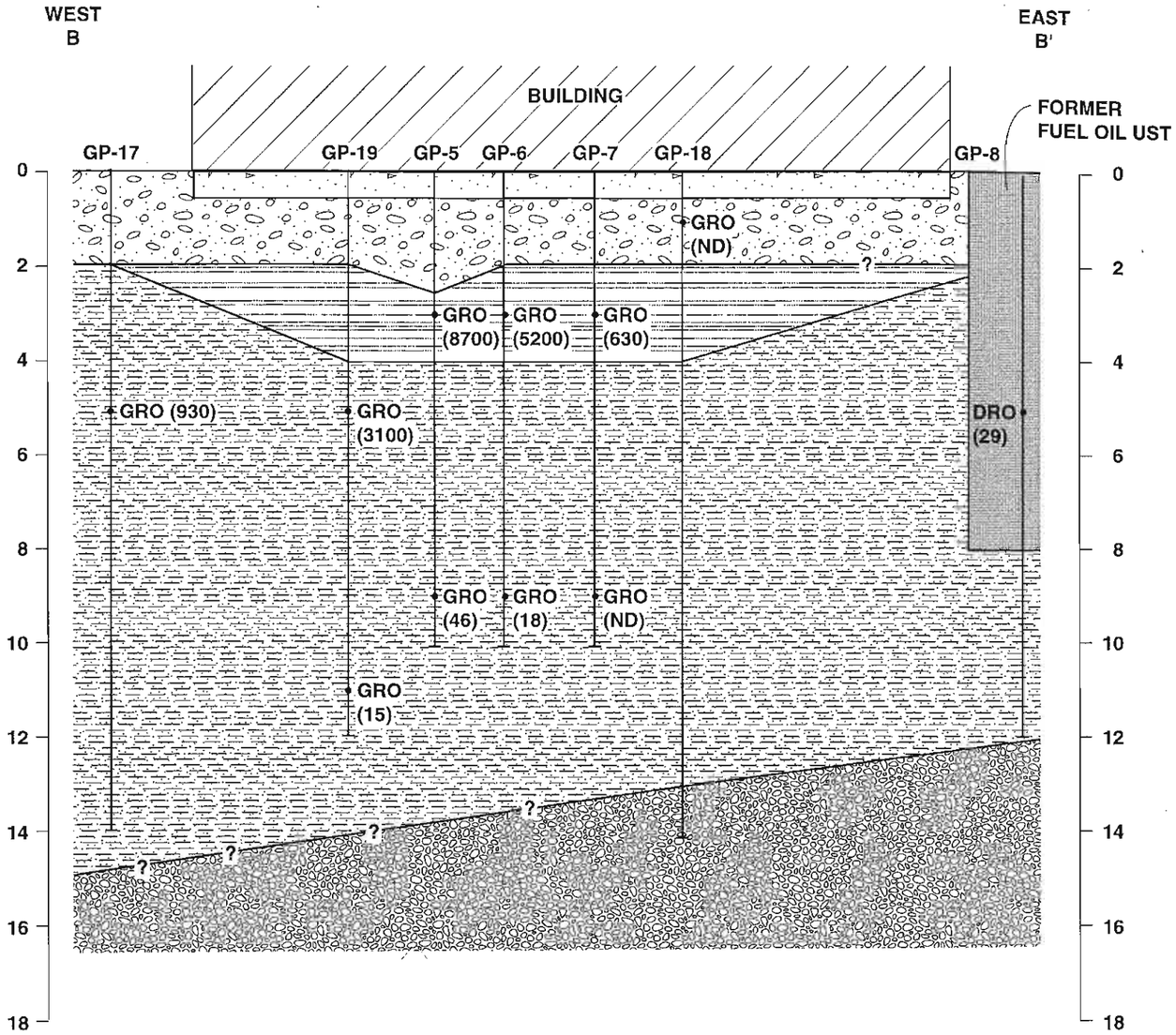
ARCADIS GERAGHTY & MILLER

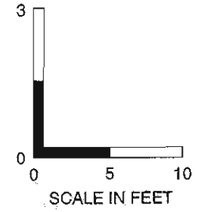
GEOLOGIC CROSS SECTION A-A'

LINDEMAN'S CLEANERS, INC.
GREEN BAY, WISCONSIN

FIGURE
4

DRAFTER: ELS
APPROVED:
CHECKED: EAB\DG
DRAWING: XSECB_B.AI
FILE NO.: GRAPHICS
PN: LINDEMAN\WI0580\PHASEONE
DWG DATE: 09JUN00





LEGEND

- CONCRETE
- SAND, GRAVEL, CLAY FILL
- SANDY SILT, SILTS
- SILTY CLAY
- SAND AND GRAVEL
- BACKFILLED UST EXCAVATION

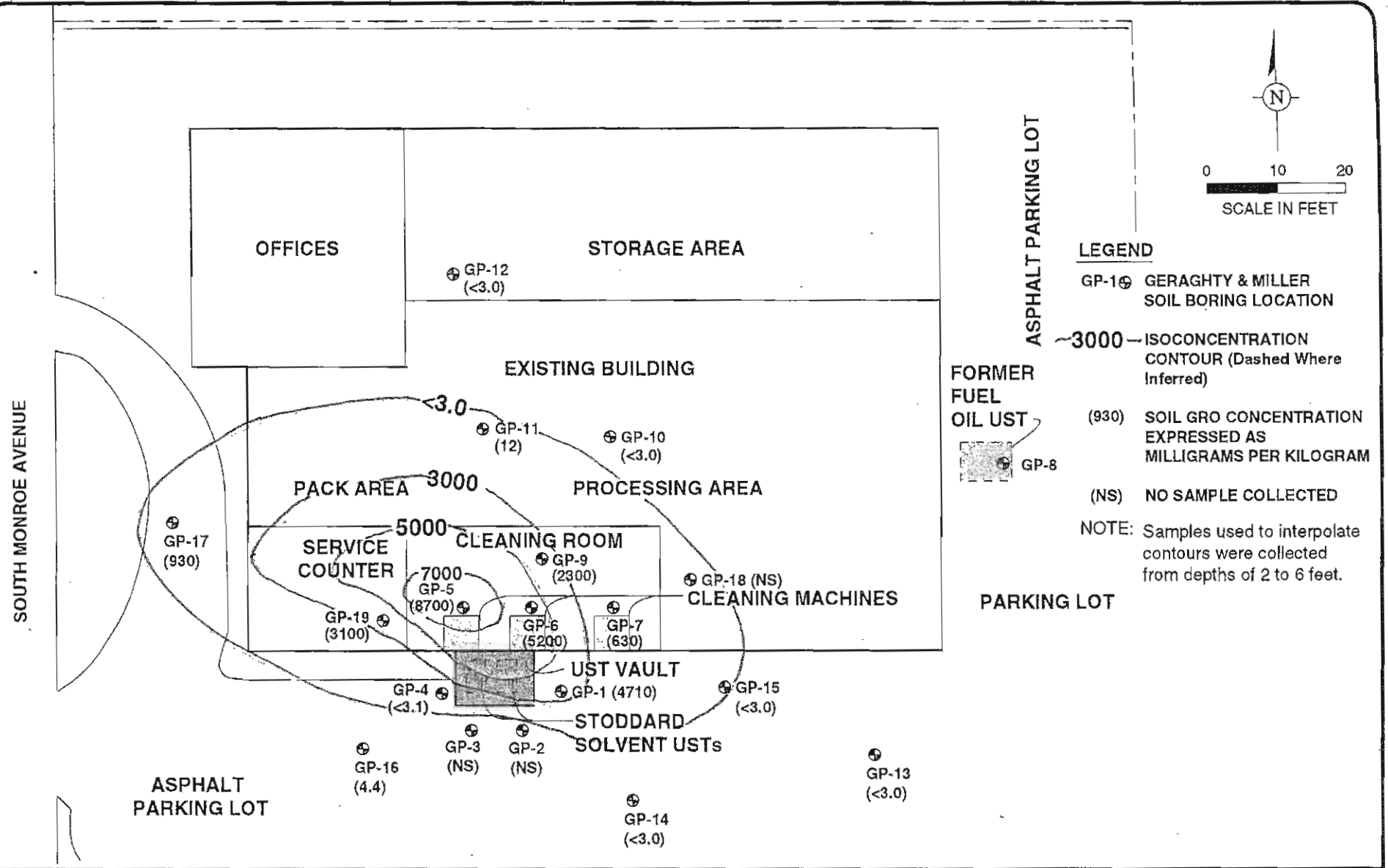
ARCADIS GERAGHTY & MILLER

GEOLOGIC CROSS SECTION B-B'

LINDEMAN'S CLEANERS, INC.
GREEN BAY, WISCONSIN

FIGURE
5

DWG DATE: 18DEC96	PRJCT NO.: WI0580.002	FILE NO.: 1734	DRAWING: 07	CHECKED: EAB	APPROVED:	DRAFTER: LEE/ELS



GERAGHTY & MILLER, INC.
Environment and Infrastructure
a heidemij company

ISOCONCENTRATION CONTOUR MAP OF SOIL GASOLINE RANGE ORGANICS CONCENTRATIONS

LINDEMAN'S CLEANERS, INC.
GREEN BAY, WISCONSIN

FIGURE 7

DRAFTER: ELS | APPROVED: | CHECKED: DG | DRAWING: GW_11999.AI | PN: LINDEMANNWI0580\PHASEONE | FILE NO.: GRAPHICS | DWG DATE: 09JUN00

MARINE STREET

GRASS

FENCE

586

587

588

589

590

MW200 [586.08]

FORMER UST

MW500 [585.72]

MW100 [586.79]

MW300 [588.98]

MW600 [590.59]

FORMER DISPENSER ISLAND

MW400 [587.47]

JIM GILLIS PROPERTY (Former Clark Service Station)

ASPHALT

SOUTH MONROE AVENUE

WISCONSIN CENTRAL RAILROAD

MARINE STREET

OFFICES

STORAGE AREA

EXISTING BUILDING

MW-3 (88.14)

PACK AREA

PROCESSING AREA

SERVICE COUNTER

CLEANING ROOM

CLEANING MACHINES

UST VAULT

STODDARD SOLVENT USTs

ASPHALT PARKING LOT

MW-2 (86.02)

92

90

88

86

SUBJECT PROPERTY

ASPHALT PARKING LOT

MW-1 (93.94)

FORMER FUEL OIL UST

PARKING LOT

N

0 20 40

APPROXIMATE SCALE IN FEET

LEGEND

- PROPERTY LINE
- MW-1 ● ARCADIS GERAGHTY & MILLER MONITORING WELL LOCATION
- MW200 ○ NORTHERN ENVIRONMENTAL MONITORING WELL LOCATION
- UST UNDERGROUND STORAGE TANK
- (96.24) WATER LEVEL ELEVATION IN FEET RELATIVE TO SURVEYED BENCH MARK (November 9, 1999)
- 90 POTENTIOMETRIC CONTOUR
- [590.59] WATER LEVEL ELEVATION IN FEET RELATIVE TO MEAN SEA LEVEL (July 28, 1998)
- GROUNDWATER FLOW DIRECTION (Dashed Where Inferred)

NOTE: Groundwater elevations and flow direction shown on the Gillis Property are based on measurements obtained by Northern Environmental on July 23, 1998.

Available groundwater data from the Gillis Property is shown here to illustrate general groundwater flow movement in relation to the adjacent subject property.

ARCADIS GERAGHTY & MILLER

GROUNDWATER POTENTIOMETRIC SURFACE MAP NOVEMBER 9, 1999

LINDEMAN'S CLEANING, INC.
GREEN BAY, WISCONNSIN

FIGURE 7

Table 1. Soil Analytical Results, Lindeman's Cleaning Inc., Green Bay, Wisconsin

Boring I.D. No.	GP-1		GP-2	GP-3	GP-4		GP-5	
Sample Depth (feet)	4-6	8-10	8-10	8-10	4-6	12-14	2-4	8-10
Sample Date	08/08/96	08/08/96	08/08/96	08/08/96	08/08/96	08/08/96	08/08/96	08/08/96
VOCs (µg/kg)								
n-Butylbenzene	37	<25	<25	<25	810	<25	3,300	82
sec-Butylbenzene	38	<25	<25	<25	<100	<25	870	110
tert-Butylbenzene	<25	<25	<25	<25	<100	<25	<130	<25
Isopropylbenzene	<25	<25	<25	<25	<100	<25	390	<25
p-Isopropyltoluene	<25	<25	<25	<25	<100	<25	1,300	<25
Methylene chloride (c)	<25	<25	<25	<25	<100	<25	<130	<25
Naphthalene	<25	<25	<25	<25	160	<25	3,500	<25
n-Propylbenzene	<25	<25	<25	<25	<100	<25	1,400	74
1,1,2,2-Tetrachloroethane	<25	<25	<25	<25	<100	<25	<130	<25
Tetrachloroethene	<25	<25	<25	<25	<100	<25	170	<25
1,2,4-Trimethylbenzene	<25	<25	<25	<25	<100	<25	11,000	<25
1,3,5-Trimethylbenzene	<25	<25	<25	<25	<100	<25	3,600	<25
Total xylenes	<25	<25	<25	<25	<100	<25	1,180	<25
Gasoline Range Organics (mg/kg)	710	<3.2	<3.7	<3.4	1,200	<3.1	8,700	46
Diesel Range Organics (mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA

Footnotes on Page 5.

Table 1. Soil Analytical Results, Lindeman's Cleaning Inc., Green Bay, Wisconsin

Boring I.D. No.	GP-5		GP-6				GP-7	
Sample Depth (feet)	2-4	2-4 (a)	2-4	8-10	2-4	2-4	2-4	8-10
Sample Date	4/2/97	4/2/97	08/08/96	08/08/96	4/2/97	4/2/97	08/08/96	08/08/96
VOCs (µg/kg)								
n-Butylbenzene	680	2,300	4,800	<32	5,800	6,100	240	<25
sec-Butylbenzene	150 Q	590 Q	1,900	<32	2300 Q	2,400	<22	<25
tert-Butylbenzene	<100	<250	<200	<32	<1,000	<630	<22	<25
Isopropylbenzene	<100	<250	<200	<32	<1,000	<630	<22	<25
p-Isopropyltoluene	260 Q	820	2,800	<32	2600 Q	4,100	<22	<25
Methylene chloride (c)	<100	370	<200	48	<1,000	<630	<22	<25
Naphthalene	1,300	1,700	3,200	<32	2400 Q	2,200	110	<25
n-Propylbenzene	180 Q	690 Q	2,000	<32	1900 Q	1,900	<22	<25
1,1,2,2-Tetrachloroethane	<100	<250	<200	<32	<1,000	<630	<22	<25
Tetrachloroethene	<100	<250	<200	<32	<1,000	<630	<22	<25
1,2,4-Trimethylbenzene	1,900	5,200	20,000	<32	21,000	23,000	<22	<25
1,3,5-Trimethylbenzene	730	1,800	6,600	<32	7,000	7,400	<22	<25
Total xylenes	<200	1,800	1,530	<32	<2,000	840 Q	<22	<25
Gasoline Range Organics (mg/kg)	3,800	NA	5,200	18	9,800	NA	630	7
Diesel Range Organics (mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA

Footnotes on Page 5.

Table 1. Soil Analytical Results, Lindeman's Cleaning Inc., Green Bay, Wisconsin

Boring I.D. No.	GP-8		GP-9					GP-10
Sample Depth (feet)	4-6	8-10	2-4	10-12	12-14	2-4	2-4	2-4
Sample Date	08/08/96	08/08/96	09/04/96	09/04/96	09/04/96	4/2/97	4/2/97	09/04/96
VOCs (µg/kg)								
n-Butylbenzene	NA	NA	6,100	<25	<25	14,000	20,000	<25
sec-Butylbenzene	NA	NA	3,700	<25	<25	6000 Q	8,300	<25
tert-Butylbenzene	NA	NA	<500	<25	<25	<2,500	<1,300	<25
Isopropylbenzene	NA	NA	1,000	<25	<25	<2,500	2700 Q	<25
p-Isopropyltoluene	NA	NA	3,000	<25	<25	6200 Q	10,000	<25
Methylene chloride (c)	NA	NA	<500	<25	<25	<2,500	<1,300	<25
Naphthalene	NA	NA	2,900	<25	<25	6500 Q	12,000	<25
n-Propylbenzene	NA	NA	3,000	<25	<25	5100 Q	7,700	<25
1,1,2,2-Tetrachloroethane	NA	NA	<500	<25	<25	<2,500	<1,300	<25
Tetrachloroethene	NA	NA	<500	<25	<25	9,600 (b)	<1,300	<25
1,2,4-Trimethylbenzene	NA	NA	23,000	35	<25	46,000	64,000	<25
1,3,5-Trimethylbenzene	NA	NA	9,600	<25	<25	16,000	22,000	<25
Total xylenes	NA	NA	670	<50	<50	<5,000	2400 Q	<50
Gasoline Range Organics (mg/kg)	NA	NA	2,300	24	4	9,900	NA	<3.0
Diesel Range Organics (mg/kg)	29	<3.5	NA	NA	NA	NA	NA	NA

Footnotes on Page 5.

Table 1. Soil Analytical Results, Lindeman's Cleaning Inc., Green Bay, Wisconsin

Boring I.D. No.	GP-11		GP-12	GP-13	GP-14	GP-15	GP-16
Sample Depth (feet)	2-4	10-12	2-4	2-4	2-4	2-4	4-6
Sample Date	09/04/96	09/04/96	09/04/96	09/04/96	09/04/96	09/04/96	09/04/96
VOCs (µg/kg)							
n-Butylbenzene	300	290	<25	<25	<25	<25	<25
sec-Butylbenzene	270	220	<25	<25	<25	<25	<25
tert-Butylbenzene	<50	<100	<25	<25	<25	<25	<25
Isopropylbenzene	72	<100	<25	<25	<25	<25	<25
p-Isopropyltoluene	<50	<100	<25	<25	<25	<25	<25
Methylene chloride (c)	<50	<100	<25	<25	<25	<25	<25
Naphthalene	680	240	<25	<25	<25	<25	<25
n-Propylbenzene	170	200	<25	<25	<25	<25	<25
1,1,2,2-Tetrachloroethane	<50	<100	<25	<25	<25	<25	<25
Tetrachloroethene	<50	<100	<25	<25	<25	<25	<25
1,2,4-Trimethylbenzene	<50	<100	<25	<25	<25	<25	<25
1,3,5-Trimethylbenzene	<50	<100	<25	<25	<25	<25	<25
Total xylenes	<100	<200	<50	<50	<50	<50	<50
Gasoline Range Organics (mg/kg)	12	470	<2.9	<3.3	<3.2	<3.0	4
Diesel Range Organics (mg/kg)	NA	NA	NA	NA	NA	NA	NA

Footnotes on Page 5.

Table 1. Soil Analytical Results, Lindeman's Cleaning Inc., Green Bay, Wisconsin

Boring I.D. No.	GP-17	GP-18	GP-19	GP-19	
Sample Depth (feet)	4-6	0-2	4-6	10-12	NR 720
Sample Date	09/04/96	09/04/96	09/04/96	09/04/96	RCL
VOCs (µg/kg)					
n-Butylbenzene	410	<25	780	<25	NE
sec-Butylbenzene	350	<25	380	<25	NE
tert-Butylbenzene	32	<25	<130	<25	NE
Isopropylbenzene	180	<25	<130	<25	NE
p-Isopropyltoluene	210	<25	420	<25	NE
Methylene chloride (c)	<25	<25	<130	<25	NE
Naphthalene	61	<25	260	<25	NE
n-Propylbenzene	330	<25	410	<25	NE
1,1,2,2-Tetrachloroethane	<25	<25	190	<25	NE
Tetrachloroethene	<25	<25	<130	<25	NE
1,2,4-Trimethylbenzene	<25	<25	2,500	<25	NE
1,3,5-Trimethylbenzene	<25	<25	930	<25	NE
Total xylenes	<50	<50	<260	<50	4100
Gasoline Range Organics (mg/kg)	930	<3.0	3,100	15	250
Diesel Range Organics (mg/kg)	NA	NA	NA	NA	250

Footnotes on Page 5.

Table 1. Soil Analytical Results, Lindeman's Cleaning Inc., Green Bay, Wisconsin

Only those compounds detected in a sampling round of analysis are shown.

VOC	Volatile organic compound.
µg/kg	Micrograms per kilogram.
mg/kg	Milligrams per kilogram.
NA	Not analyzed for this parameter.
NE	No RCL established
Q	Concentration is between the limit of detection and the limit of quantitation.
RCL	Generic Residual Contaminant Level established in NR 720 of the Wisconsin Administrative Code.
(a)	Sample was collected using an EnCore sampling device. Results expressed in units of µg/kg. (all other samples were preserved with methanol and analyzed using EPA Method 8260).
(b)	The laboratory has identified the detection of this constituent as a laboratory artifact. Re-analysis of the sample confirmed that tetrachloroethene was not present in the sample.
(c)	Methylene chloride (MC) is present in the lab environment. Sample detections of MC should be viewed as suspect.

Concentration exceeds the NR 720 RCL

Table 2

Ground-Water Analytical Results, James Gillis Property, Village of Allouez, Wisconsin

Well ID	Date Sampled	Relevant and Significant Analytical Results (µg/l)														
		GRO	Lead	Benzene	n-Butylbenzene	sec-Butylbenzene	1,2-Dichloroethane	Di-isopropyl Ether	Ethylbenzene	Isopropylbenzene	p-isopropyltoluene	Naphthalene	n-Propylbenzene	Toluene	Trimethylbenzenes	Xylenes
WAC PAL (µg/l)		NE	1.5	0.5	NE	NE	0.5	NE	140	NE	NE	8	NE	68.6	96	124
WAC ES (µg/l)		NE	15	5	NE	NE	5	NE	700	NE	NE	40	NE	343	480	620
MW100	05/08/98	10000	2.4 "J"	25	160	16	0.89 "J"	3.9 "J"	770	61	3.6 "J"	160	160	< 3.5	1220	1800
	03/19/99	---	---	14	---	---	---	---	[illegible]	---	---	110	---	0.69 "J"	488	[illegible]
MW200	05/08/98	< 100	1.3 "J"	< 0.32	< 0.23	< 0.34	< 0.36	< 0.32	< 0.34	< 0.34	< 0.31	< 0.88	< 0.3	< 0.35	< 0.99	<0.98
	03/19/99	---	---	< 0.32	---	---	---	---	< 0.34	---	---	< 0.88	---	< 0.35	< 0.99	< 1
MW300	05/08/98	1100	< 1.0	0.61 "J"	65	2.8	< 0.36	< 0.32	19	3.1	1.3	49	13	4.5	[illegible]	[illegible]
	03/19/99	---	---	< 0.32	---	---	---	---	4.5	---	---	1.5 "J"	---	< 0.35	0.91	< 1
MW400	05/08/98	< 100	< 1.0	< 0.32	0.6 "J"	< 0.34	< 0.36	< 0.32	< 0.34	< 0.34	< 0.31	< 0.88	< 0.3	< 0.35	2.4	2.51"J"
	03/19/99	---	---	< 0.32	---	---	---	---	< 0.34	---	---	< 0.88	---	< 0.35	< 0.99	< 1
MW500	07/10/98	---	<1.0	14	38	9.4"J"	< 0.36	< 0.32	[illegible]	50	< 0.31	120	150	< 3.5	773	[illegible]
	03/19/99	---	---	[illegible]	---	---	---	---	70	---	---	150	---	< 0.35	1106.5	[illegible]
MW600	07/22/98	< 100	1.6"J"	< 0.32	0.24 "J"	< 0.34	< 0.36	< 0.32	< 0.34	< 0.34	< 0.31	< 0.88	< 0.3	< 0.35	< 0.99	<0.98
	03/19/99	---	---	< 0.32	---	---	---	---	0.63 "J"	---	---	1.9 "J"	---	< 0.35	3.35	< 1
MW800	03/19/99	---	< 1	< 0.32	< 0.23	< 0.34	< 0.34	< 0.32	< 0.34	< 0.34	< 0.31	< 0.88	< 0.3	< 0.35	< 0.99	< 0.98
PZ700	03/25/99	---	[illegible]	< 0.25	< 0.43	< 0.37	< 0.32	< 0.21	< 0.32	< 0.33	< 0.34	< 0.73	< 0.36	0.55 "J"	0.43	< 1.04

Key:

GRO = Gasoline Range Organics
µg/l = micrograms per liter
WAC = Wisconsin Administrative Code
PAL = Preventive Action Limit
ES = Enforcement Standard
NE = Not established by WAC
"J" = Analyte detected between Limit of Detection and Limit of Quantitation
--- = Not analyzed
[illegible] = WAC Preventive Action Limit Exceeded
32 = WAC Enforcement Standard Exceeded

s:\proj\jgp\14080866\tables\wla003.xls

WISCONSIN • Milwaukee • Green Bay • Waupun • Park Falls ILLINOIS • Northbrook CANADA • Calgary
MINNESOTA • St. Paul • Brainerd • Rochester MICHIGAN • Detroit

Northern Environmental
Hydrologists • Engineers • Geologists

Table 2. Groundwater Analytical Results in Geoprobe Boreholes, Lindeman's Cleaning, Inc., Green Bay, Wisconsin.

Boring I.D. No.	GP-1	GP-4	GP-9	GP-10	GP-12	GP-13	GP-16	ES	PAL
VOCs (µg/L)									
n-Butylbenzene	<1.0	6.4	23	<1.0	2.6	<1.0	<1.0	NL	NL
sec-Butylbenzene	<1.0	7.9	12	<1.0	4.9	<1.0	<1.0	NL	NL
cis-1,2-Dichloroethene	<1.0	<1.0	15	<1.0	<1.0	1.1	<1.0	70	7
Ethylbenzene	1.3	2.1	7.6	<1.0	1.3	2.1	3.1	700	140
Isopropylbenzene	<1.0	3.7	11	<1.0	1.5	<1.0	<1.0	NL	NL
Naphthalene	<1.0	1.3	62	<1.0	<1.0	<1.0	<1.0	40	8
n-Propylbenzene	<1.0	6.9	27	<1.0	1.4	<1.0	<1.0	NL	NL
Toluene	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1.1	343	68.6
1,2,4-Trimethylbenzene	<1.0	<1.0	270	<1.0	<1.0	<1.0	<1.0	NL	NL
1,3,5-Trimethylbenzene	<1.0	<1.0	88	<1.0	<1.0	<1.0	<1.0	NL	NL
Vinyl chloride	<1.0	<1.0	2.2	<1.0	<1.0	<1.0	<1.0	0.2	0.02
Total xylenes	7.5	4.6	21	<2.0	10.4	15.4	19.8	620	124
Other Analyses									
Gasoline Range Organics (mg/L)	92	620	NA	NA	NA	NA	NA	NL	NL

VOC Volatile organic compound.
µg/lL Micrograms per liter.
mg/L Milligrams per liter.
ES Chapter NR 140 Enforcement Standard.
PAL Chapter NR 140 Preventive Action Limit.
NL No limit has been established.
< Indicates not detected. If present the concentration is below the method detection limit (the numerical value following the < symbol).
NA Not analyzed for this parameter.
Only those compounds detected in a sampling round of analysis are shown.

Concentration exceeds the ES.
Concentration exceeds the PAL.

ARCADIS GERAGHTY & MILLER

Table 3. Groundwater Analytical Results in Monitoring Wells, Lindeman's Cleaning, Inc., Green Bay, Wisconsin.

Well Number	MW-1				MW-2				MW-3					
Sample Date	4/3/97	8/7/97	1/22/98	12/10/99	4/3/97	8/7/97	1/22/98	12/10/99	4/3/97	8/7/97	1/22/98	12/10/99	PAL	ES
VOCs (µg/L)														
sec-Butylbenzene	<0.20	<0.23	<0.23	<0.58	<0.20	<0.23	<0.23	<0.58	0.5 Q	1.4	0.32	3.0	NE	NE
tert-Butylbenzene	<0.20	<0.24	<0.24	<0.50	<0.20	<0.24	<0.24	<0.50	<0.20	0.27	<0.24	0.7 Q	NE	NE
1,1-Dichloroethane	<0.30	<0.28	<0.28	<0.61	<0.30	0.50	<0.28	<0.61	<0.30	<0.26	<0.28	<0.61	85	850
cis-1,2-Dichloroethene	<0.30	<0.28	<0.28	<0.46	<0.30	<0.28	<0.28	<0.46	1.6	3.1	4.5	1.8	7	70
trans-1,2-Dichloroethene	<0.30	<0.25	<0.25	<0.64	<0.30	<0.25	<0.25	<0.64	<0.30	<0.25	0.26	<0.64	7	70
Isopropylbenzene	<0.30	<0.27	<0.27	<0.39	<0.30	<0.27	<0.27	<0.39	0.4 Q	1.0	<0.27	1.7	NE	NE
p-Isopropyltoluene	<0.30	<0.22	<0.22	<0.51	<0.30	<0.22	<0.22	<0.51	1.4	<0.22	<0.22	<0.51	NE	NE
Naphthalene	<0.70	<0.66	<0.66	<0.59	<0.70	<0.66	<0.66	<0.59	0.9 Q	<0.66	<0.66	<0.59	8	40
n-Propylbenzene	<0.30	<0.27	<0.27	<0.54	<0.30	<0.27	<0.27	<0.54	<0.30	<0.27	<0.27	0.55 Q	NE	NE
Tetrachloroethene	<0.30	<0.27	<0.27	1.0 Q	<0.30	<0.27	<0.27	<0.41	<0.30	<0.27	<0.27	0.48 Q	0.5	5
1,2,4-Trimethylbenzene	<0.30	<0.48	<0.25	<0.47	<0.30	<0.48	<0.25	<0.47	0.9	0.34	<0.25	<0.47	96*	480*
Vinyl Chloride	<0.20	<0.23	<0.23	<0.17	<0.20	<0.23	<0.23	<0.17	2.6	4.0	5.1	1.8	0.02	0.2
All other VOCs	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		

VOC	Volatile organic compounds.
µg/L	Micrograms per liter.
PAL	Chapter NR 140 Preventive Action Limit
ES	Chapter NR 140 Enforcement Standard
NE	No limit has been established.
ND	Compound not detected above the Method Detection Limit.
Q	Value is between the limit of detection and the limit of quantification.
96*/480*	Value is for combined 1,2,4-Trimethylbenzene and 1,3,5-Trimethylbenzene.

Concentration exceeds the PAL.

Concentration exceeds the ES.

Table 4. Water Level Measurements, Lindeman's Cleaning, Inc., Green Bay, Wisconsin.

	MW-1 TOC ELEVATION: 99.44		MW-2 TOC ELEVATION: 98.90		MW-3 TOC ELEVATION: 99.15	
DATE MEASURED	Depth below TOC (Feet)	Water Level Elevation (Feet-RCE)	Depth below TOC (Feet)	Water Level Elevation (Feet-RCE)	Depth below TOC (Feet)	Water Level Elevation (Feet-RCE)
April 28, 1997	3.20	96.24	11.62	87.28	9.03	90.12
August 7, 1997	3.20	96.24	12.02	86.88	9.34	89.81
January 22, 1998	3.78	95.66	12.75	86.15	13.48 *	85.67
November 9, 1999	5.50	93.94	12.88*	86.02	11.01	88.14

TOC Top of well casing.
RCE Relative to casing elevation.
* Well was under pressure (Groundwater level may not represent static conditions)