GIS REGISTRY
Cover Sheet

July, 2008
(RR 5367)

Source Property Information

CLOSURE DATE: Jul 19, 2012

BRRTS #: **02-30-558574**

FID #: 230088870

ACTIVITY NAME: BUILDING MATERIAL DISTRIBUTORS, INC (FRMR)

DATCP #:

PROPERTY ADDRESS: 1100 91ST ST

COMM #:

MUNICIPALITY: KENOSHA

PARCEL ID #: 0612318426014

***WTM COORDINATES:**

X: **698852** Y: **232091**

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

WTM COORDINATES REPRESENT:

(X) 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")*

☒ 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)*

☐ 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 3/10) Page 1 of 3

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 #: 02-30-558574 PARCEL ID #: 06-123-18-426-014

ACTIVITY NAME: Building Material Distributors, Inc. (FMR) WTM COORDINATES: X: 698852 Y: 232091

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

- [x] **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

- [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.*
- [x] **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: ALTA/ACSM Land Title Survey**
- [x] **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.

- [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: Soil Sampling Locations**
- [x] **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 #: 3 **Title: Soil Contamination Distribution**

BRRTS #: 02-30-558574 ACTIVITY NAME: Building Material Distributors, Inc. (FMR)

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 #: 4 **Title: PAH Non-Industrial Direct Contact RCL Exceedance Distribution Cross-Section A-A'**

Figure #: **Title:**

☐ **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 #: NA **Title:**

☐ **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 #: NA **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: Soil Analytical Summary**

☐ **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 #: NA **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 #: NA **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 #: 02-30-558574 ACTIVITY NAME: Building Material Distributors, Inc. (FMR)

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
Sturtevant Service Center
9531 Rayne Road, Suite 4
Sturtevant WI 53177

Scott Walker, Governor
Cathy Stepp, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711

WISCONSIN DEPT. OF NATURAL RESOURCES

7/19/12

LNA Real Estate, LLC
Michael Koren
11782 shag Bark Court
Burr Ridge, IL 60527

KEEP THIS DOCUMENT WITH YOUR PROPERTY RECORDS

Subject: Closure with Soil GIS for Building Material Distributors, Inc., (FMR), 1100 91st St, Kenosha, WI FID 230088870, BRRTS 02-30-558574

Dear Mr. Koren:

On April 24, 2012, the Department of Natural Resources reviewed your request for closure for the above noted site. However, you and future property owners must comply with the continuing obligations as explained in the conditions of closure in this letter. Please read over this letter closely to ensure that you comply with all conditions and other on-going requirements. Provide this letter to anyone who purchases this property from you.

This final closure decision is based on the correspondence and data provided, and is issued under ch. NR 726, Wisconsin Administrative Code. The Southeast Region Project Manager reviewed the request for closure on April 24, 2012. The project manager reviewed this environmental remediation case for compliance with state laws and standards.

The Department has determined that the polycyclic aromatic hydrocarbon and polychlorinated biphenyl (Arachlor 1254) contamination on the site from the oil staining on the concrete pad, adjoining the building wall and soil adjacent to the par appears to have been investigated and remediated to the extent practicable under site conditions.

Continuing Obligations

The continuing obligations for this site are summarized below. Further details on actions required are found in the section Closure Conditions:

- Residual soil contamination exists that must be properly managed should it be excavated or removed.
- Before the land use may be changed from industrial to non-industrial, additional environmental work must be complete
- Site-specific exposure assumptions were used. Current land or property use must be maintained to be protective. If changes to the current property use or land use are planned, an assessment must be made of whether the closure is still protective.

GIS Registry

This site will be listed on the Remediation and Redevelopment Program's internet accessible Geographic Information System (GIS) Registry, to provide notice of residual contamination and of any continuing obligations. DNR approval prior to well construction or reconstruction is required for all sites shown on the GIS Registry, in accordance with s. NR 812.09(4) (w), Wis. Adm. Code. To obtain approval, complete and submit Form 3300-254 to the DNR Drinking and Groundwater program's regional water supply specialist. This form can be obtained on-line at http://dnr.wi.gov/org/water/dwg/3300254.pdf or at the web address listed below for the GIS Registry.

All site information is also on file at the Southeast Regional DNR office, at9531 Rayne Road, Sturtevant, WI. This letter and information that was submitted with your closure request application, including the maintenance plan, will be included on the GIS Registry in a PDF attachment. To review the site on the GIS Registry web page, visit the RR Sites Map page at http://dnr.wi.gov/org/aw/rr/gis/index.htm.

Closure Conditions

Compliance with the requirements of this letter is a responsibility to which you and any subsequent property owners must adhere. DNR staff will conduct periodic prearranged inspections to ensure that the conditions included in this letter and the attached maintenance plans are met. If these requirements are not followed, the DNR may take enforcement action under s. 292.11, Wisconsin Statutes to ensure compliance with the specified requirements, limitations or other conditions related to the property.

Residual Soil Contamination (ch. NR 718, or ch. 289, Stats.; chs. 500 to 536, Wis. Adm. Code)

Soil contamination remains near the concrete pad on the southwest corner of the building as indicated on the **attached map**. If soil in the specific locations described above is excavated in the future, the property owner at the time of excavation must sample and analyze the excavated soil to determine if contamination remains. If sampling confirms that contamination is present, the property owner at the time of excavation will need to determine whether the material is considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable standards and rules. In addition, all current and future owners and occupants of the property need to be aware that excavation of the contaminated soil may pose an inhalation or other direct contact hazard and as a result special precautions may need to be taken to prevent a direct contact health threat to humans.

Industrial Soil Standards (s. NR 726.05 (8) (b) 1., Wis. Adm. Code)

Soil Meeting NR 720.11, Table 2 Industrial Standards
Soil contamination remains at the southwest corner of the building, as shown on the **attached map.** Samples contained PAHs in concentrations which exceeded non-industrial (residential) soil standards, but which met industrial soil standards.

This property may not be used or developed for a residential, commercial, agricultural or other non-industrial use, unless prior written approval has been obtained from the DNR. An investigation and remedial action to meet applicable soil cleanup standards may be required at that time.

Please be aware that the 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 to the environment.

The DNR appreciates your efforts to restore the environment at this site. If you have any questions regarding this closure decision or anything outlined in this letter, please contact Shanna L. Laube-Anderson at 262-884-2341.

Sincerely,

Frances M. Koonce

Frances M. Koonce, Team Supervisor
Southeast Region Remediation & Redevelopment Program

Cc: Sean Cranley, ChemReport, 4515 Washington Road, Kenosha, WI 53144

State Bar of Wisconsin Form 1-2003

WARRANTY DEED

Document Number

Document Name

THIS DEED, made between **KLC INVESTMENTS II, LLC, a Wisconsin limited liability company**

("Grantor," whether one or more), and **LNA REAL ESTATE, LLC, an Illinois limited liability company**

("Grantee," whether one or more).

Grantor for a valuable consideration, conveys to Grantee the following described real estate, together with the rents, profits, fixtures and other appurtenant interests, in **KENOSHA** County, State of Wisconsin ("Property") (if more space is needed, please attach addendum):

SEE ATTACHED LEGAL DESCRIPTION

Recording Area

Name and Return Address

Property Address: 1100 - 91st Street

06-123-18-426-014

Parcel Identification Number (PIN)

This **is not** homestead property.

~~(is)~~ (is not)

Grantor warrants that the title to the Property is good, indefeasible, in fee simple and free and clear of encumbrances except: **municipal and zoning ordinances and agreements entered under them, recorded easements for the distribution of utility and municipal services, recorded building and use restrictions and covenants and general taxes levied in the year of closing.**

Dated March 22, 2012.

KLC INVESTMENTS II, LLC

(SEAL) (SEAL)

* *MARK C. RILEY, MEMBER

(SEAL) (SEAL)

* *

AUTHENTICATION

Signature(s)

authenticated on .

*

TITLE: MEMBER STATE BAR OF WISCONSIN

(If not, authorized by Wis. Stat. § 706.06)

THIS INSTRUMENT DRAFTED BY:

TIMOTHY J. GERAGHTY

ACKNOWLEDGMENT

STATE OF **WISCONSIN**)

) ss.

KENOSHA COUNTY)

Personally came before me on March 22, 2012, the above-named **MARK C. RILEY, MEMBER**

to me known to be the person(s) who executed the foregoing instrument and acknowledged the same.

*

Notary Public, State of **WISCONSIN**

My commission (is permanent) ~~(expires:~~)

(Signatures may be authenticated or acknowledged. Both are not necessary.)

NOTE: THIS IS A STANDARD FORM. ANY MODIFICATION TO THIS FORM SHOULD BE CLEARLY IDENTIFIED.

*Type name below signatures.

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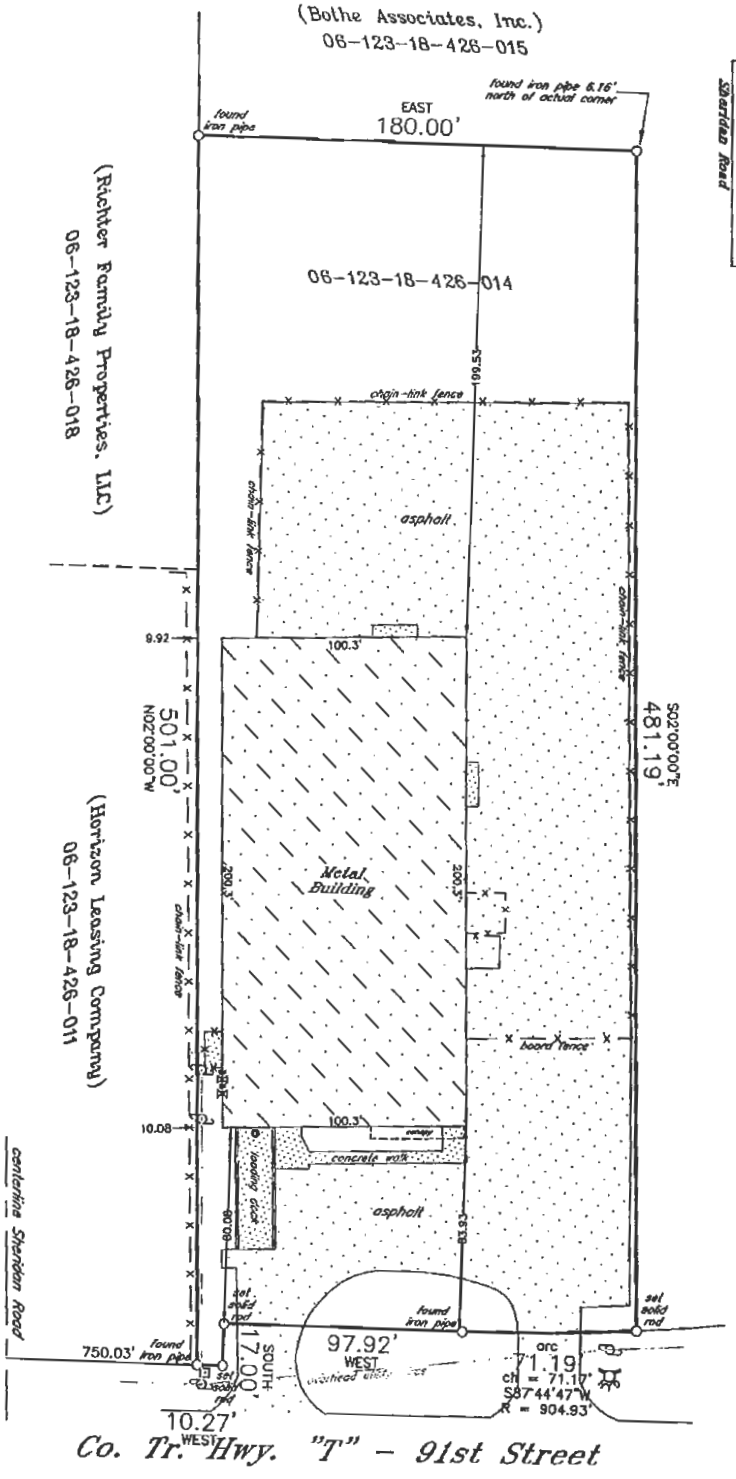
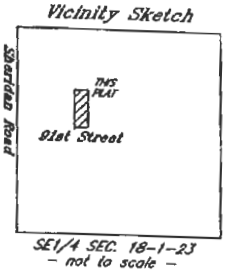
Part of the Southeast 1/4 of Section 18, Town 1 North, Range 23 East of the Fourth Principal Meridian, lying and being in the City of Kenosha, County of Kenosha and State of Wisconsin, being more particulary described as follows: Beginning on the north line of 91st Street at a point 750.03 feet east from the center of Sheridan Road; thence north 2 degrees 00 minutes west parallel to the center Sheridan Road 501.00 feet; thence east parallel to the north line of 91st Street 180.00 feet; thence south 2 degrees 00 minutes east 481.19 feet to the northerly line of 91st Street; thence westerly 71.19 feet along the northerly line of said street, which is the arc of a circular curve concave to the north, said curve having a central angle of 4 degrees 30 minutes 26 seconds, and a radius of 904.93 feet, and a chord which bears south 88 degrees 44 minutes 47 seconds west, 71.17 feet to a point of tangency; thence west along the north line of said street 97.92 feet; thence south 17.00 feet; thence west along the north line of said street 10.27 feet to the point of beginning.

Tax Key No: 06-123-18-426-014

Address: 1100 91st STREET

address: 1100 – 91st Street





SYMBOLS

- hydrant
- storm manhole
- utility pedestal
- electric meter
- gas meter
- utility pole
- concrete

(This site is Zoned M-2 Heavy Manufacturing District)

NOTE: BUILDING SETBACK REQUIREMENTS PER M-2 HEAVY MANUFACTURING DISTRICT ZONING:

Front yard = No front yard shall be required except where frontage lies partly within M-2 and partly within a residential district.
SIDE YARD (Interior) = No side yard shall be required except where a side lot line abutts a residential district, there shall be a side yard of not less than 5 ft.
SIDE YARD (Street side) = No street side yard shall be required except where side lot line in M-2 District abutts or is across an alley from a residential district, the residential district yard requirement on that street shall apply.
REAR YARD = A rear yard setback of not less than 9 feet is required except where rear lot line fronts on a street and where side lot line in M-2 abuts or is across an alley from a residential district, the residential district yard requirement on that street shall apply to rear yard requirement.

NOTE: Building setback requirements must be verified from and approved by the City of Kenosha prior to any future construction or development of this site.

GRAPHIC SCALE

100 0 50 100 200

(IN FEET)
1 inch = 50 ft.

J.K.R. SURVEYING, INC.
8121 22ND AVENUE KENOSHA, WI 53143
262-652-8110 fax 262-652-9695

TO: KLC Investments II, LLC, a Wisconsin limited liability company, LNA Real Estates, LLC, an Illinois limited liability company, Riley Management LLC and Chicago Title Insurance Company.:

This is to certify that this map or plat and the survey on which it is based were made in accordance with the "2011 Minimum Standard Detail Requirements for ALTA/ACSM Land Title Surveys," jointly established and adopted by ALTA and NSPS. The field work was completed on February 5, 2012

WISCONSIN JEFFREY K. RAMPART 2141 KENOSHA, WI LAND SURVEYOR

JEFFREY K. RAMPART
WISCONSIN REGISTERED LAND SURVEYOR
License No. S-2141
Dated February 3, 2012

"ALTA/ACSM LAND TITLE SURVEY"

LEGAL DESCRIPTION AS FURNISHED PER TITLE COMMITMENT NO. 370083 dated January 5, 2012: Part of the Southeast 1/4 of Section 18, Town 1 North, Range 23 East of the Fourth Principal Meridian, lying and being in the City of Kenosha, County of Kenosha and State of Wisconsin, being more particularly described as follows: Beginning on the north line of 91st Street at a point 750.03 feet east from the center of Sheridan Road; thence north 2 degrees 00 minutes west parallel to the center of Sheridan Road 501.00 feet; thence east parallel to the north line of 91st Street 180.00 feet; thence south 2 degrees 00 minutes east 481.19 feet to the northerly line of 91st Street; thence westerly 71.19 feet along the northerly line of said street; which is the arc of a circular curve concave to the north, said curve having a central angle of 4 degrees 30 minutes 26 seconds, and a radius of 904.93 feet, and a chord which bears south 88 degrees 44 minutes 47 seconds west, 71.17 feet to a point of tangency; thence west long the north line of said street 97.92 feet; thence south 17.00 feet; thence west along the north line of said street 10.27 feet to the point of beginning.

Ms. Victoria Stovall
Environmental Program Associate
Remediation and Redevelopment Program
Wisconsin Dept. of Natural Resources
2300 N. Martin Luther king Dr.
Milwaukee, WI 53212

RE: Building Material Distributors, Inc. (FMR)
1100 – 91st Street
Kenosha, WI 53143
BRRTS#: 02-30-558574

Dear Ms. Stovall:

This letter is to certify that to the best of my knowledge the legal description provided on the attached deed for the above referenced site is accurate.

If you have any questions please call Sean Cranley of ChemReport, Inc. at (262) 654-7020. Thank you.

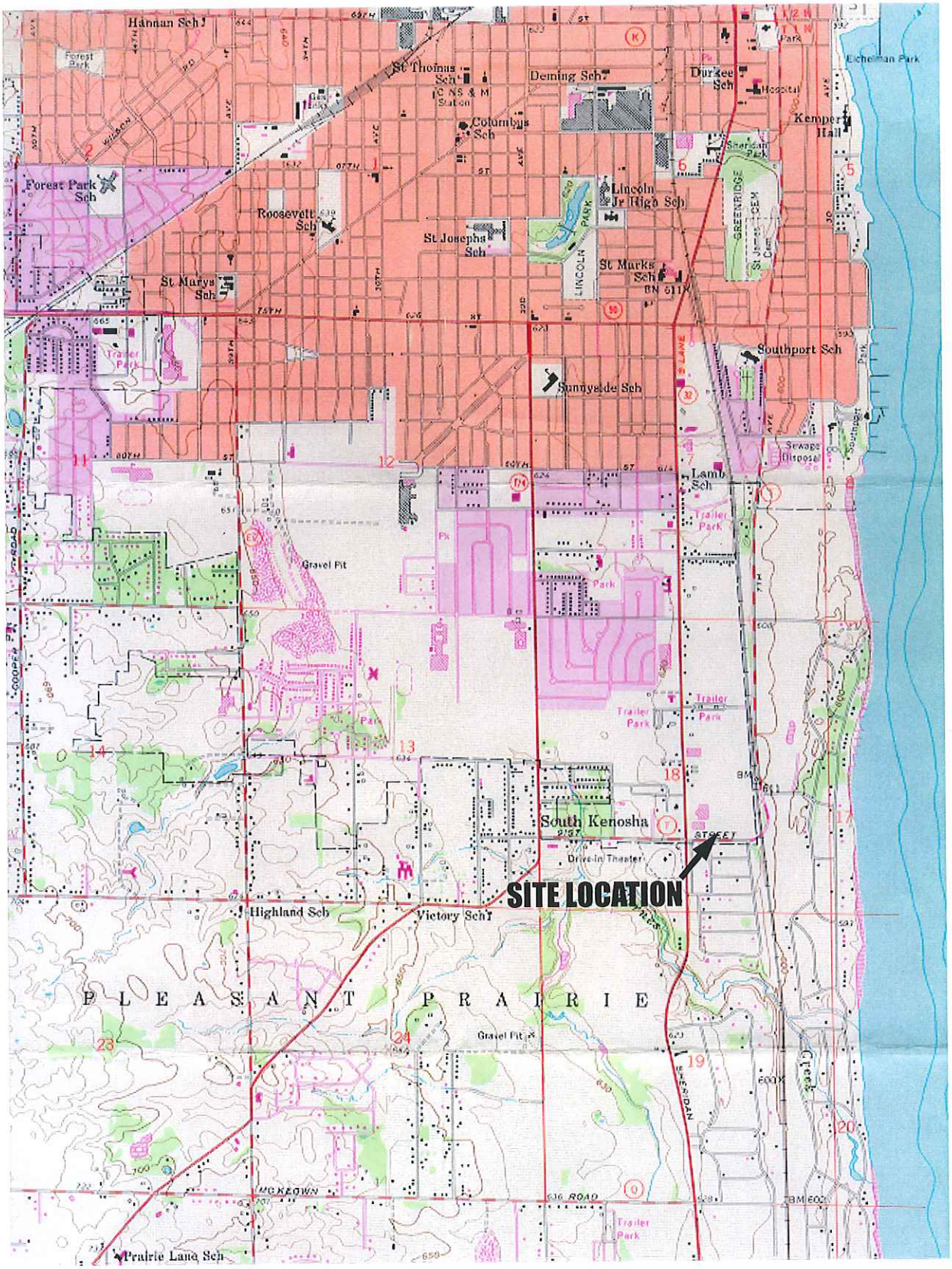
Sincerely,

LNA REAL ESTATE, LLC

Michael Koren

APRIL 17, 2012

Date



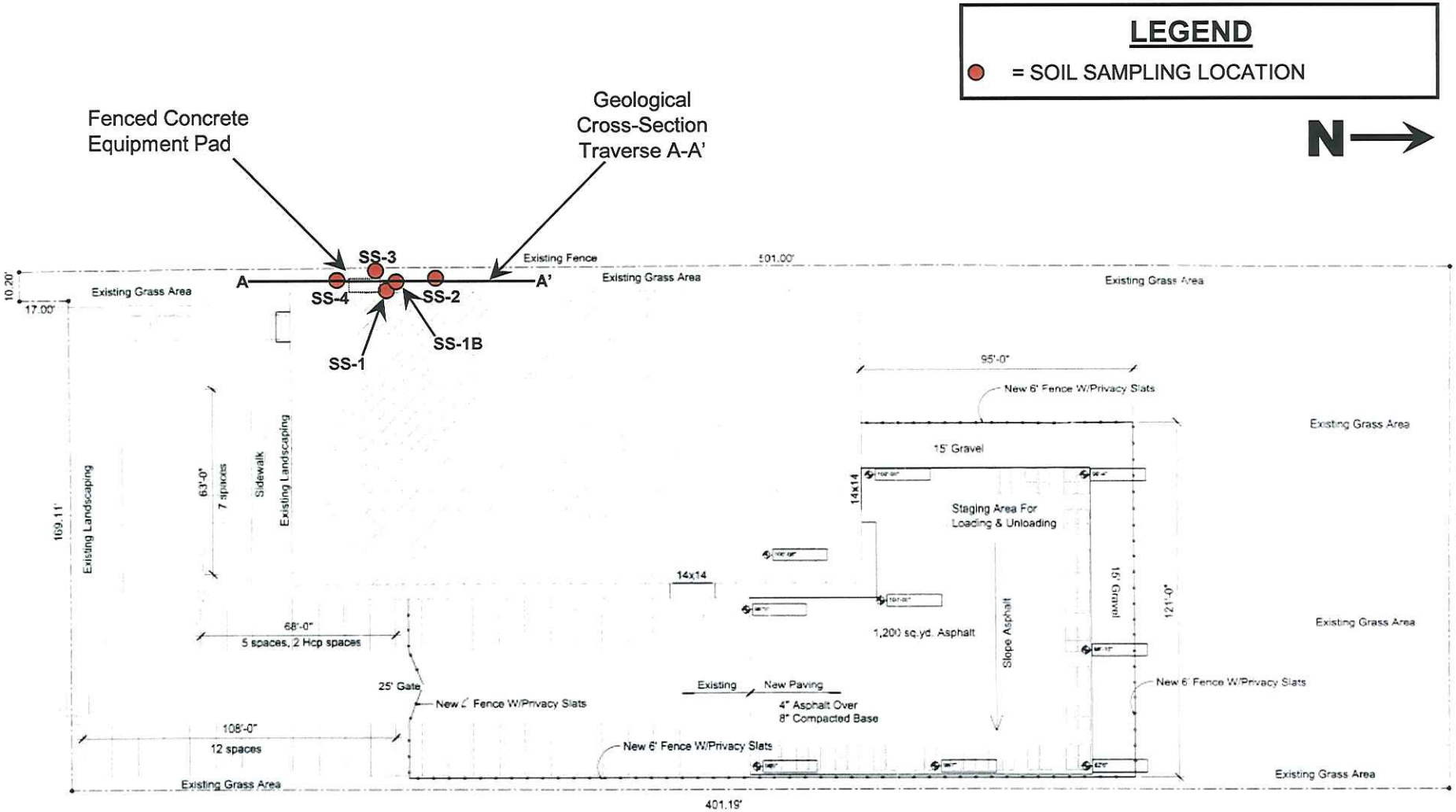
Site Location Map

Project Number:	Figure
012612	1
Date Drawn: 4/13/12	
Scale: Not Scaled	1 of 4
Drawn By: Sean Cranley	

FIGURE 1
SITE LOCATION MAP
Building Material Distributors (FMR)
1100 – 91st Street
Kenosha, WI 53143

ChemReport INCORPORATED®
4515 Washington Road
Kenosha, WI 53144
(800) 697-8080 www.chemreport.com

Kenosha • Wisconsin



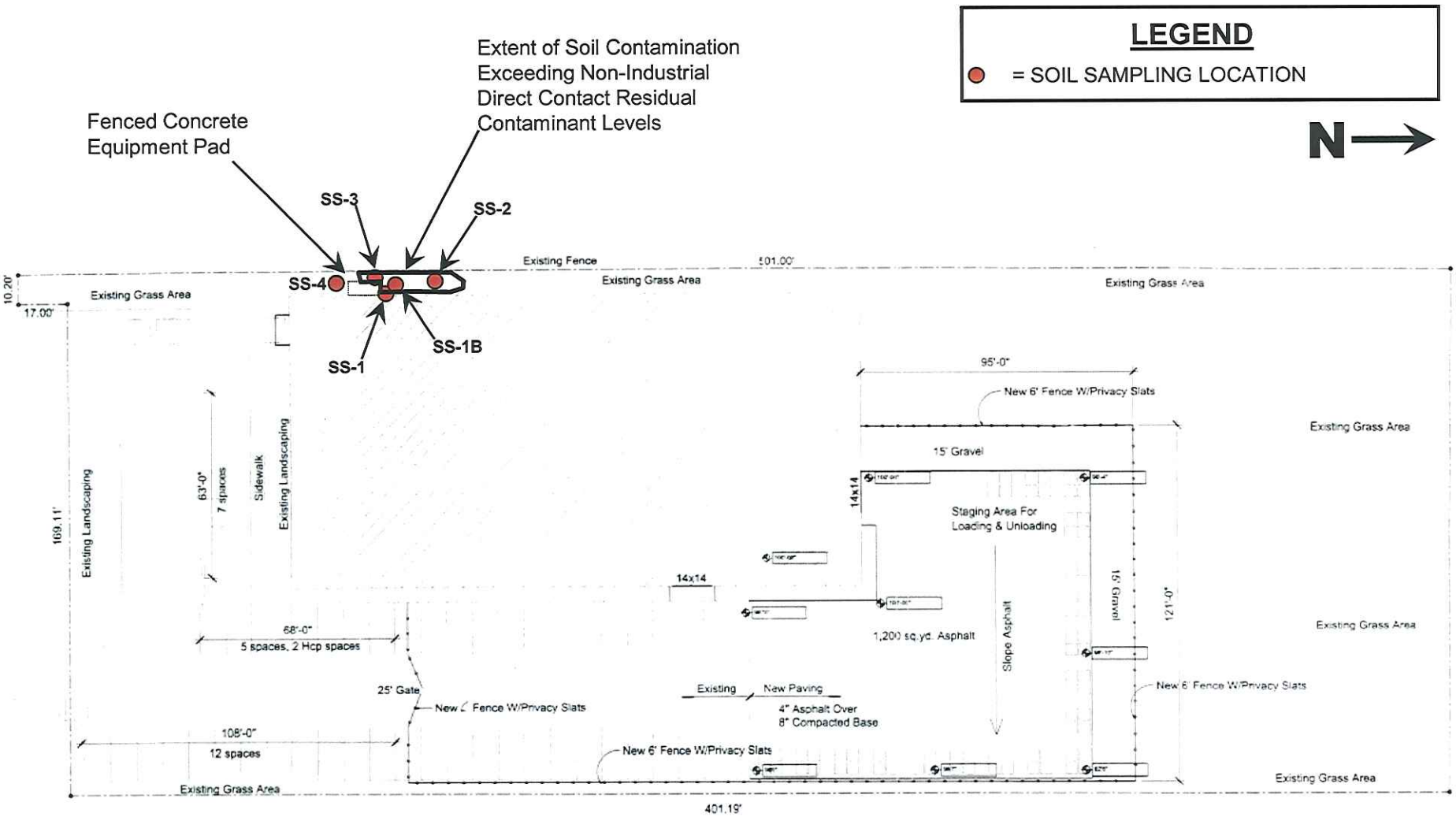
Approved By: Sean Cranley	Figure: 2
Date Approved: 04/16/12	
Date Drawn: 04/16/12	2 of 4
Drawn By: Sean Cranley	

FIGURE 2

SOIL SAMPLING LOCATIONS

1100 – 91st STREET
KENOSHA, WI

ChemReport®
Environmental & Safety Engineers
4515 Washington Road
Kenosha, WI 53144
800-965-5323
engineer@chemreport.com



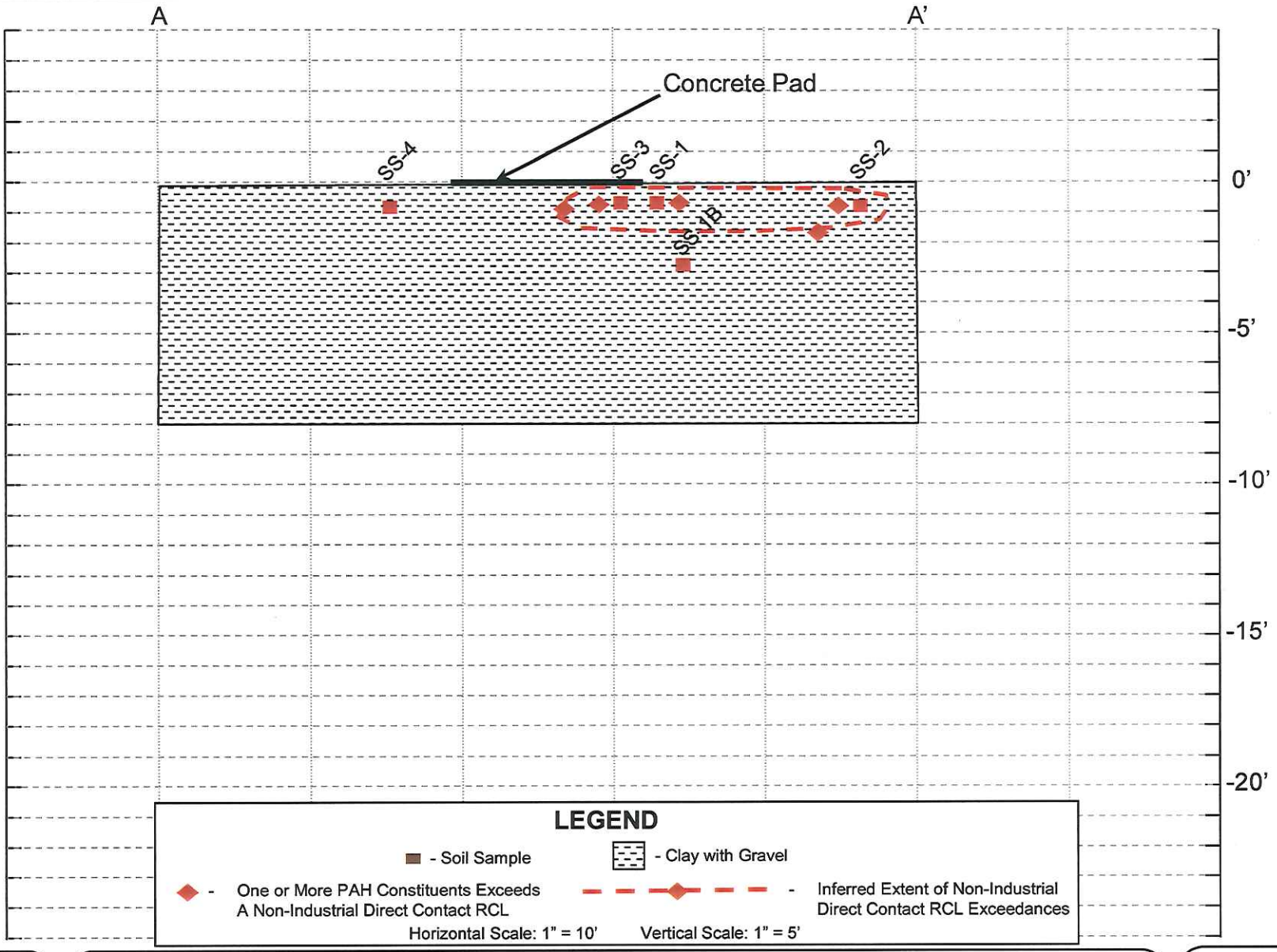
Approved By:	Figure:
Sean Cranley	3
Date Approved: 04/16/12	
Date Drawn: 04/16/12	3 of: 4
Drawn By: Sean Cranley	

FIGURE 3

SOIL CONTAMINATION DISTRIBUTION

1100 – 91st STREET
KENOSHA, WI

ChemReport®
Environmental & Safety Engineers
4515 Washington Road
Kenosha, WI 53144
800-965-5323
engineer@chemreport.com



Approved By: Sean Cranley	Figure: 4
Date Approved: 04/16/12	
Date Drawn: 04/16/12	4 of: 4
Drawn By: Sean Cranley	

FIGURE 4

PAH NON-INDUSTRIAL DIRECT CONTACT RCL EXCEEDANCE DISTRIBUTION
GEOLOGICAL CROSS-SECTION A-A'

BUILDING MATERIAL DISTRIBUTORS, INC. (FMR)
1100 – 91st STREET
KENOSHA, WI

ChemReport®
Environmental & Safety Engineers
4515 Washington Road
Kenosha, WI 53144
800-965-5323
engineer@chemreport.com

TABLE 1 (Page 1 of 1)
Soil Sample Analytical Results Summary
1100 - 91st Street
Kenosha, Wisconsin
CRI February 2012

Sample I.D., Depth Collection Date	SS-1 02/15/2012	SS-1B 02/27/2012	SS-2 02/27/2012	SS-3 02/27/2012	SS-4 02/27/2012	Groundwater	NR 720 RCLs Non-Industrial	Industrial
Parameter **VOCs (ug/kg)**								
VOCs	ND	NA	NA	NA	NA	NS (1)	NS (1)	NS (1)
PAHs (ug/kg)								
Benzo(a)anthracene	**J 102** ■	<0.41	**J 8.3**	**13.1**	<0.41	17,000	88	3,900
Benzo(a)pyrene	**J 132** ■	<0.36	**12.2** ■	**19.2** ■	<0.36	48,000	8.8	390
Benzo(b)fluoranthene	**160** ■	<1.9	**27.5**	**32.2**	**J 9.5**	360,000	88	3,900
Benzo(g,h,i)perylene	**J 124**	<0.39	**12.0**	**19.6**	<0.40	6,800,000	1,800	39,000
Benzo(k)fluoranthene	**J 123**	<1.4	<1.4	**12.6**	<1.4	870,000	880	39,000
Chrysene	**J 152** ■	<0.39	**11.8** ■	**18.4** ■	<0.39	37,000	8.8	390,000
Fluoranthene	**267**	<6.0	**24.5**	**35.1**	**J 8.5**	500,000	600000	40,000,000
Indeno(1,2,3-cd)pyrene	**J 100** ■	<0.34	**J 9.8**	**17.1**	<0.34	680,000	88	3,900
Phenanthrene	**J 103**	<0.34	**J 6.8**	**J 9.8**	<0.34	1,800	18000	390,000
Pyrene	**217**	<0.45	**20.5**	**31.5**	**J 7.3**	8,700,000	500000	30,000,000
PCBs (ug/kg)								
PCB -1254 (Arochlor 1254)	**J 54.6**	ND	ND	ND	ND	NS	1,000 (2)	25,000 (3)

Notes:
Table includes detected analytes only.
◆ Indicates contaminant concentration above which, impact to groundwater may result in exceedance of groundwater quality standards.
■ Indicates contaminant concentration wich exceeds the RCL for risk to human health through direct contact under non-industrial exposure.
● Indicates contaminant concentration wich exceeds the RCL for risk to human health through direct contact under industrial exposure.
(1) RCLs pertain to individual VOC constituents.
(2) The TSCA high occupancy use cleanup level requiring no further conditions for total PCBs is 1,000 ug/kg.
(3) The TSCA low occupancy use cleanup level requiring no further conditions except deed instrument for total PCBs is 25,000 ug/kg.
J = Concentration is between laboratory limit of detection and limit of quantification.
Bold typed results indicate that the analyte was present at a concentration equal to or greater than the laboratory detection limit.
RCL = Residual Contaminant Level
VOCs = Volatile Organic Compounds
PAHs = Polynuclear Aromatic Hydrocarbons
PCBs = Polychlorinated Biphenyls
TSCA = Toxic Substances Control Act
ND = No Detect
NA = Not Analyzed
NS = No Standard