

**Source Property Information**

BRRTS #:	03-41-558666	Closure Date:	November 15, 2012
ACTIVITY NAME:	Lincoln Garage	FID#:	24197760
PROPERTY ADDRESS:	3921 W Lincoln Ave	DATCP#:	
MUNICIPALITY:	Milwaukee	PECFA #:	53215-2340-21-C
PARCEL ID#:	4939962115		

**\*WTM Coordinates:**

X:	686021	Y:	283123
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*\*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:**

- |   |   |
|---|---|
| <input type="checkbox"/> Groundwater Contamination > ES (236) | <input checked="" type="checkbox"/> Soil Contamination > *RCLs or **SSRCL (232) |
| <input type="checkbox"/> Groundwater Contamination in ROW     | <input type="checkbox"/> Soil Contamination in ROW                              |
| <input type="checkbox"/> Off-Source Contamination             | <input type="checkbox"/> Off-Source Contamination                               |

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

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

**Land Use Controls:**

- |   |   |
|---|---|
| <input type="checkbox"/> Soil: maintain industrial zoning (220) | <input type="checkbox"/> Cover or Barrier (222)             |
| <input type="checkbox"/> Structural Impediment (224)            | <input type="checkbox"/> Vapor Mitigation (226)             |
| <input type="checkbox"/> Site-Specific Condition (228)          | <input type="checkbox"/> Maintain Liability Exemption (230) |

*(note: soil contaminant concentrations between residential and industrial levels)*

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

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

**Monitoring wells properly abandoned? (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 #: 03-41-558666 (No Dashes) PARCEL ID #: 4939962115  
ACTIVITY NAME: LINCOLN AVENUE GARAGE WTM COORDINATES: X: 686021 Y: 283123

**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 #: 1 OF 2 Title: BOUNDARY/TOPO SURVEY**
- 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 MAP**
- 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 #: 3 Title: SITE PLAN & SOIL BORING LOCATION 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 #: 4 Title: SITE PLAN & SAMPLE RESULTS MAP**

BRRS #: 03-41-558666

ACTIVITY NAME: LINCOLN AVENUE GARAGE

**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 #: Title:

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 #: 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: **SOIL SAMPLE 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 #: 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 #: 03-41-558666

ACTIVITY NAME: LINCOLN AVENUE GARAGE

**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.*
- 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:**

- 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 Safety and Professional Services

141 NW Barstow Street, 4<sup>th</sup> Floor  
Waukesha, Wisconsin 53188-3789

Email: [dsp@wisconsin.gov](mailto:dsp@wisconsin.gov)  
Web: <http://dsp.wi.gov>

**Governor Scott Walker**

**Secretary Dave Ross**

November 15, 2012

Mr. Thomas Tarkowski  
City of Milwaukee  
Department of Public Works  
841 North Broadway, Room 602  
Milwaukee, WI 53202-3613

RE: **Final Closure**

**PECFA # 53215-2340-21-C**                      DNR BRRTS # 03-41-558666  
Lincoln Garage, 3921 West Lincoln Avenue, Milwaukee

Leak from piping associated with Underground Storage Tank (UST) ID # 305769

Dear Mr. Tarkowski:

The Wisconsin Department of Safety and Professional Services (DPS) has reviewed the request for case closure prepared by your consultant, Kapur & Associates, Inc., for the site referenced above. DPS has determined that this site does not pose a significant threat to human health or the environment. No further investigation or remedial action is necessary.

This case is now listed as "closed" on the DPS database and will be included on the Department of Natural Resources (DNR) Geographic Information System (GIS) Registry of Closed Remediation Sites to address residual soil contamination. To review sites on the GIS Registry web page, visit <http://dnr.wi.gov/topic/Brownfields/rism.html>. If you intend to construct or reconstruct a potable well on this property, you must get prior DNR approval.

All current and future owners and occupants of the property need to be aware that excavation of contaminated soil may pose a hazard. Special precautions may be needed to prevent inhalation, ingestion or dermal contact with the residual contamination when it is removed. If soil is excavated, the property owner at the time of excavation must have the soil sampled and analyzed to determine if residual contamination remains. If sampling confirms that contamination is present, the property owner at the time of excavation must determine whether the material would be considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable statutes and rules.

If it is determined that any undisturbed remaining petroleum contamination poses a threat, the case may be reopened and further investigation or remediation may be required. Thank you for your efforts to protect Wisconsin's environment. If you have any questions, please contact me in writing at the letterhead address or by telephone at (262) 521-2732.

Sincerely,

A handwritten signature in cursive script that reads 'Monica Weis'.

Monica L. Weis  
Hydrogeologist  
PECFA Site Review Section

cc: Mr. Travis Peterson, Kapur & Associates, Inc.



## GENERAL

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THIS INDENTURE, Made this 2nd day of <sup>May</sup> ~~April~~, A.D., 1950, between The Mitchell Properties, Inc., a corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin, located at Milwaukee, Wisconsin, party of the first part, and City of Milwaukee, a municipal corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin, located at Milwaukee, Wisconsin, party of the second part.

W I T N E S S E T H, That the said party of the first part, for and in consideration of the sum of Two Hundred Ninety Thousand and no/100ths Dollars (\$290,000.00) to it paid by the said party of the second part, the receipt whereof is hereby confessed and acknowledged, has given, granted, bargained, sold, remised, released, aliened, conveyed and confirmed, and by these presents does give, grant, bargain, sell, remise, release, alien, convey and confirm unto the said party of the second part, its successors and assigns forever, the following described real estate, situated in the County of Milwaukee and State of Wisconsin, to-wit:

"That part of the North West One-quarter (N.W.1/4) of Section Twelve (12), Town Six (6) North, Range Twenty-one (21) East, partly in the City of Milwaukee and partly in the Town of Greenfield, bounded and described as follows:

"Commencing at a point on the North line Two Hundred Fifty-five and No One-hundredths (255.00) feet, South Eighty-eight degrees, Twenty-one minutes, Thirty seconds (88°21'30") West of the Northeast corner of said One-quarter (1/4) Section; thence South on a line parallel to the east line of said One-quarter (1/4) Section One Hundred Fifty-three and No One-hundredths (153.00) feet to a point; thence North Eighty-eight degrees, Twenty-one minutes, Thirty seconds (88°21'30") East on a line parallel to the north line of said One-quarter (1/4) Section One hundred and No One-hundredths (100.00) feet to a point; thence South on a line parallel to the east line of said One-quarter (1/4) Section One Thousand Three Hundred Fifty-two and Twenty-two One-hundredths (1352.22) feet to a point; thence South Thirteen degrees, Twenty-five minutes (13°25') West on a line One Hundred Ninety-one and Eighty-nine One-hundredths (191.89) feet to a point which is One Hundred Eighty and No One-hundredths

{160.00) feet North Sixty-six degrees, One minute, Thirty seconds ( $66^{\circ}01'30''$ ) West of the East line of South Thirty-fifth (35th) Street and being in the northerly line of the Mitchell Yards of Chicago & North Western Railway; thence North Sixty-six degrees, One minute, Thirty seconds ( $66^{\circ}01'30''$ ) West along the northerly line of said Yards Two Thousand Two Hundred Fifty-four and Seventeen One-hundredths (2254.17) feet to a point in the Easterly line of the Chicago & North Western Railway and Chicago, Milwaukee, St. Paul & Pacific Railway Co. Belt line right of way; thence northerly along the easterly line of said right of way on a curved line with a radius of Six Hundred Eighty-three and Eighty One-hundredths (683.80) feet, whose center point is to the east and the chord is One Hundred Thirty-two and Sixty-one One-hundredths (132.61) feet long and bears North Four degrees, Forty-four minutes, Eleven seconds ( $4^{\circ}44'11''$ ) West, a distance of One Hundred Thirty-two and Eighty-two One-hundredths (132.82) feet to a point; thence North No degrees, Forty-four minutes, Thirty seconds ( $0^{\circ}44'30''$ ) East along the east line of the same right of way Five Hundred Eighty-two and Eighty One-hundredths (582.80) feet to a point in the north line of said One-quarter ( $1/4$ ) Section; thence North Eighty-eight degrees, Twenty-one minutes, Thirty seconds ( $88^{\circ}21'30''$ ) East along the north line of said One-quarter ( $1/4$ ) Section Two Thousand Eight and Forty-eight One-hundredths (2008.48) feet to the place of beginning, containing Fifty-eight and Twenty-seven One-hundredths (58.27) acres of land.

"Reserving from the above parcel the North Thirty-three and No One-hundredths (33.00) feet of the last described course and distance for street purposes."

This deed is given in fulfillment of land contract dated April 22, 1948.

TOGETHER with all and singular the hereditaments and appurtenances thereunto belonging or in any wise appertaining; and all the estate, right, title, interest, claim or demand whatsoever, of the said party of the first part, either in law or equity, either in possession or expectancy of, in and to the above bargained premises, and their hereditaments and appurtenances.

TO HAVE AND TO HOLD the said premises as above described with the hereditaments and appurtenances, unto the said party of the second part, and to its successors and assigns FOREVER.

AND THE SAID The Mitchell Properties, Inc., party of the first part, for itself and its successors, does covenant, grant, bargain and agree to and with the said party of the second part, its successors and assigns, that at the time of the ensembling and delivery of these presents it is well seized of the premises above described, as of a good, sure, perfect, absolute and indefeasible estate of inheritance in the law, in fee simple, and that the same are free and clear from all incumbrances whatever, and that the above bargained premises in the quiet and peaceable possession of the said party of the second part, its successors and assigns, against all and every person or persons lawfully claiming the whole or any part thereof, it will forever WARRANT and DEPEND.

IN WITNESS WHEREOF, the said The Mitchell Properties, Inc., party of the first part, has caused these presents to be signed by Martin A. Fladges, its President, and countersigned by George F. Masten, its Secretary, at Milwaukee, Wisconsin, and its corporate seal to be hereunto affixed, this <sup>May</sup> ~~April~~ 2<sup>nd</sup> day of ~~April~~, A.D., 1950.

Signed and sealed in presence of:

John S. Owen  
John S. Owen  
Lucille Nicoud  
Lucille Nicoud

THE MITCHELL PROPERTIES, INC.

Martin A. Fladges  
MARTIN A. FLADGES President

Countersigned:

George F. Masten  
GEORGE F. MASTEN Secretary

STATE OF WISCONSIN )  
MILWAUKEE COUNTY ) ss.

Personally came before me, this <sup>May</sup> 2<sup>nd</sup> day of ~~April~~, A.D., 1950, Martin A. Fladges, President, and George F. Masten, Secretary of the above named corporation, to me known to be the persons who executed the foregoing instrument, and to me known to be such President and Secretary of said corporation, and acknowledged



493-9962-113

\* That part of the NW 1/4 of Sec 12-6-21 E, comm on N li 255' S 88° 21' 30" W of NE cor of sd 1/4 Sec; th S on li par to E li of sd 1/4 Sec 153'; th N 88° 21' 30" E on a li par N li of sd 1/4 Sec 100' to a pt; th S on a li par to E li of sd 1/4 Sec 1352.22' to a pt; th S 13° 25' W on a li 191.89' to a pt which is 180' N 66° 01' 30" W of E li of S. 35th St & being in the N'ly li of the Mitchell Yards of C&NW Ry; th N 66° 01' 30" W alg N'ly li of sd Yards 2254.17' to a pt in E'ly li of the C&NW Ry & CMSTP&P Ry Co. Belt li ROW; th N'ly alg E'ly li of sd ROW on a curved li with a radius of 683.80' whose center pt is to the E & the chord is 132.61' long bears N 4° 44' 11" W a distance of 132.82'; th N 0° 44' 30" E alg E li of same ROW 582.80' to pt in N li of sd 1/4 Sec; th N 88° 21' 30" E alg the N li of sd 1/4 Sec 2008.48' to beg., cont 58.27 Ac of ld, reserving the N 33' of the last described course for street purposes.

# 573' S of NE cor of 1/4 Sec; th S 30'; th W 155'; th N 30'; th E 155' to beg., reserving E 35' for highway purposes.

7 Comm at a pt in the W li of S. 35th St. sd pt being 35' W of the E li & 153' S of the N li of the NW 1/4 of Sec 12-6-21: th S alg sd W li of S. 35th St 30' to a pt; th W on a li par to the N li of sd 1/4 Sec 50' to a pt; th N on a li par to the E li of sd 1/4 Sec 50' to the pt of comm., also  
Comm at a pt which is 85' W of the E li & 153' S of the N li of the NW 1/4 of Sec 12-6-21; th S 30'; th W 70'; th N 30'; th E 70' to the pt of comm.

8 comm at pt in E li 408' S of NE cor; th S 45'; th W 155'; th N 45'; th E 155', reserving the E 35' for highway purposes.

@ "the right permission and authority to construct, erect, operate, maintain and replace a line of poles, together with the necessary anchors, guy wires and other appliances necessary and usual in the conduct of its business, and to string, maintain and replace wires thereon for the purpose of transmitting electrical energy for light, heat, power and signals, or for such other purpose as electric current is now or may hereafter be used, upon, over and across its premises in the NW 1/4 of Sec 12-6-21 E, City of Milwaukee, Milwaukee County, Wisconsin; all of the foregoing to be as shown on the print annexed hereto, marked Exhibit "A" and made a part hereof; sd premises being more particularly desc in that certain W.D. recorded in the office of the Register of Deeds for Milwaukee County in Vol 2751 of Deeds on Pages 154 - 157 as Doc #2944233."





Department of Public Works  
Infrastructure Services Division

Ghassan Korban  
Commissioner of Public Works

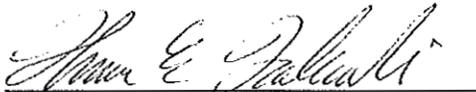
Preston D. Cole  
Director of Operations

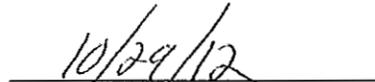
Jeffrey S. Polenske  
City Engineer

To Whom it may Concern:

I, Thomas Tarkowski, P.E. for the City of Milwaukee DPW – Facilities Development & Management Section, owner/responsible party for the City of Milwaukee Lincoln Avenue Garage property, located at 3921 W. Lincoln Avenue in the City of Milwaukee, Wisconsin, certify that to the best of my knowledge, the legal description attached accurately describes each property that is within, or partially within, the contaminated boundary.

LANDS IN NW 1/4 SEC 12-6-21  
COM N LI & 1084' W OF NE COR SD 1/4 SEC-TH S 1288.86' TO  
C&NW TRANS CO NLY ROW LI-TH NWLY ALG SD ROW LI 1327.23' TO  
SOO LINE RR & C&NW TRANS CO BELT LINE ELY ROW LI-TH NWLY ALG  
SD ELY ROW LI & A CUR 132.82'-TH N ALG SD ELY ROW LI 582.82'  
TO N LI SD 1/4 SEC-TH E ALG SD 1/4 SEC LI TO PT OF COM EXC N  
55' FOR ST

  
Thomas Tarkowski, PE  
City of Milwaukee DPW

  
Date





SHEET:  
**SITE LOCATION MAP**

FIGURE:  
**1**

NORTH ARROW:



PROJECT:  
**LICOLN AVENUE GARAGE SITE INVESTIGATION**

LOCATION:  
**3921 WEST LINCOLN AVENUE, MILWAUKEE, MILWAUKEE COUNTY, WISCONSIN**

7215 N. FOSTER WASHINGTON ROAD  
 MILWAUKEE, WISCONSIN 53217  
 Phone 414.381.8888 Fax 414.381.4317

www.kapurengineers.com

DRAWN BY: TWP

CHECKED BY: TEH

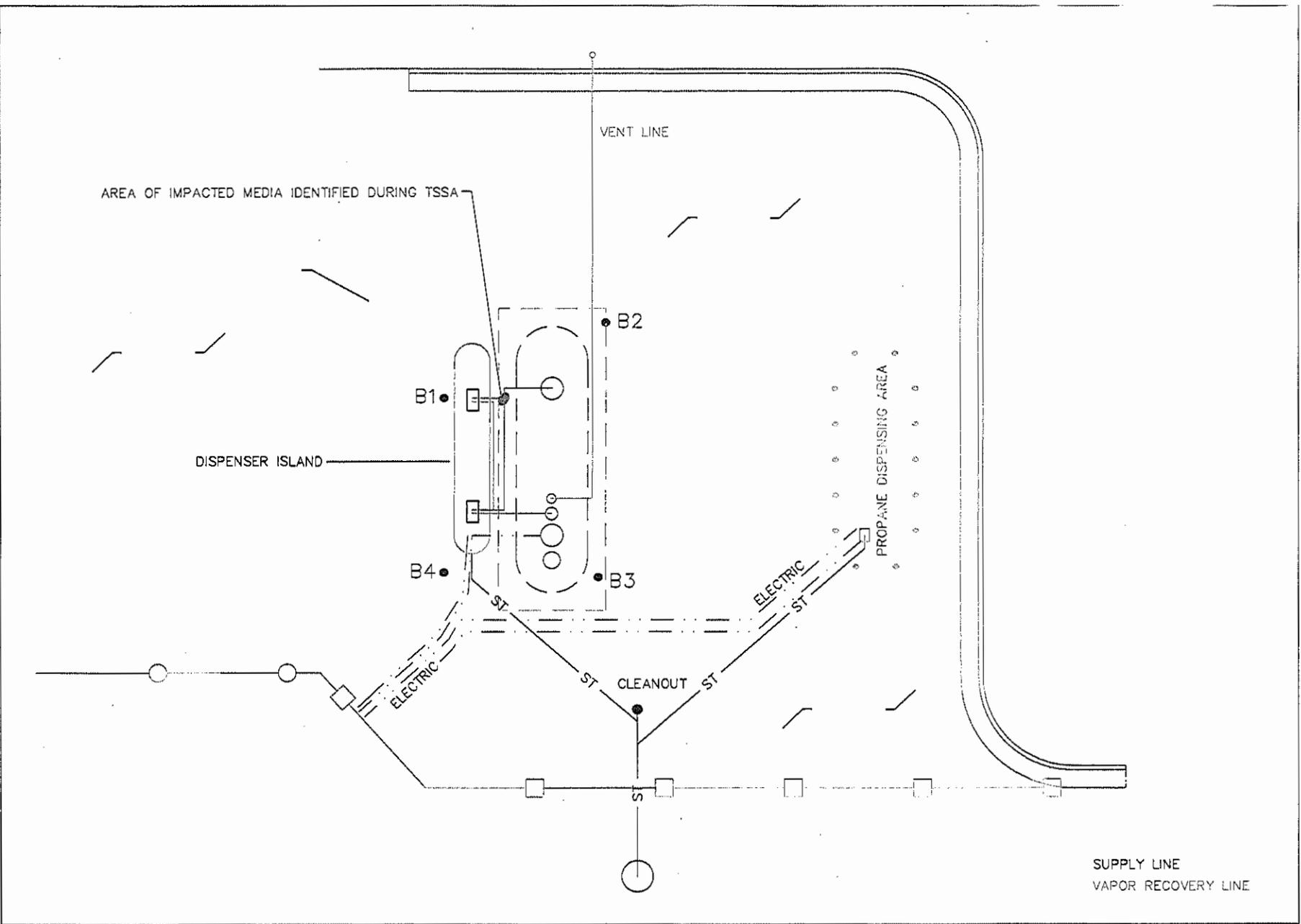
APPROVED BY: TWP

PROJECT NO. 12.0306.01

DATE: 10/23/2012

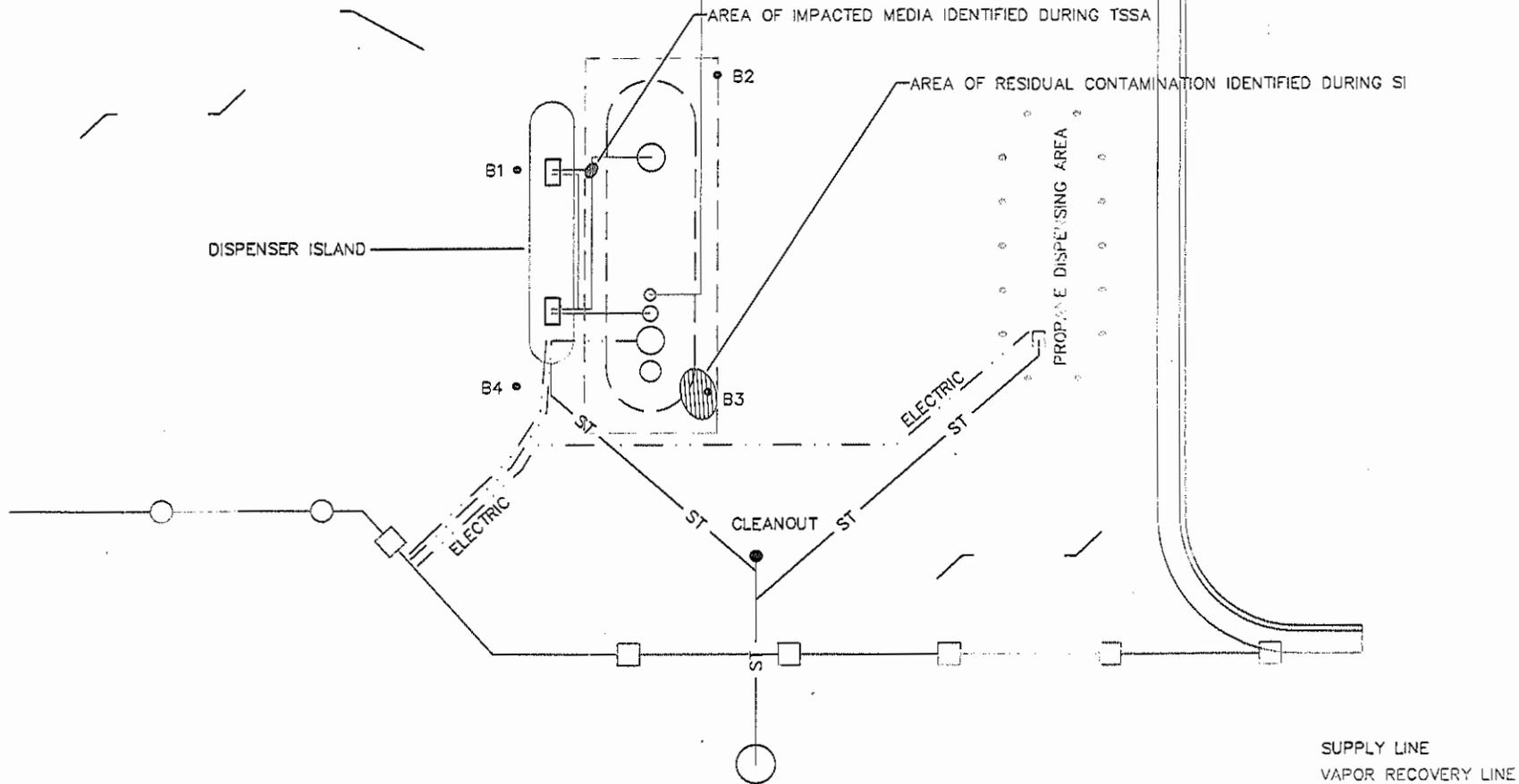
REVIS ON DATE:

we plan, we create  
 we turn your vision into reality



PLDWAMC 2 \\Netw\_Col\utwCity\Gen\120300-Urecks Ave Garage S1\Figure-Photos\V3\_3.dwg

Parameter	Method	Matrix	Units	WI NR 720 Soil RCL (via EPA RSL Web Calculator) Non-Industrial Direct Contact Standards	WI NR 720 Soil RCL (via EPA RSL Web Calculator) Soil to Groundwater Standards	WI NR 746 Risk Screening & Closure for Petroleum Sites Table 1	WI NR 720 Soil Cleanup Standards Table 1 Groundwater Protection	Sample Date: August 30, 2012				
								B1	B2	B3	B4	TRIP
Gasoline Range Organics (GRO)	WI MOD GRO	Solid	mg/kg					10-12' <3.0	10-12' <2.6	10-12' <2.6	10-12' <2.9	NA
1,2,4-Trimethylbenzene	WI MOD GRO	Solid	ug/kg	89,800	1,3703	83,000		<25.0	<25.0	<25.0	<25.0	<25.0
1,3,5-Trimethylbenzene	WI MOD GRO	Solid	ug/kg	182,000		11,000		<25.0	<25.0	<25.0	<25.0	<25.0
Benzene	WI MOD GRO	Solid	ug/kg	1,490	5.1	8,500	5.5	<25.0	<25.0	61.7J	<25.0	<25.0
Ethylbenzene	WI MOD GRO	Solid	ug/kg	7,470	1,570.0	4,600	2,900	<25.0	<25.0	<25.0	<25.0	<25.0
Methyl-tert-butyl-ether (MTBE)	WI MOD GRO	Solid	ug/kg					<25.0	<25.0	<25.0	<25.0	<25.0
Naphthalene	WI MOD GRO	Solid	ug/kg	5,150	698.7	2,700		<25.0	<25.0	<25.0	<25.0	<25.0
Toluene	WI MOD GRO	Solid	ug/kg	818,000	7,107.2	3,800	1,500	<25.0	<25.0	<25.0	<25.0	<25.0
m&p-Xylene	WI MOD GRO	Solid	ug/kg	778,000				<50.0	<50.0	<50.0	<50.0	<50.0
o-Xylene	WI MOD GRO	Solid	ug/kg	434,000	3,940.0			<25.0	<25.0	<25.0	<25.0	<25.0
PID	Field	Air	ppmv					<10	<10	<10	<10	<10



PROJECT:  
LINCOLN AVENUE  
GARAGE SI  
3921 WEST  
LINCOLN AVENUE  
MILWAUKEE, WI

LOCATION:  
MILWAUKEE  
COUNTY,  
WISCONSIN



SCALE: 1" = 10'  
0 10 20  
FOOT

DRAWN BY: [ ]  
CHECKED BY: [ ]  
APPROVED BY: [ ]  
DATE: [ ]

PROJECT:  
SITE PLAN AND SOIL  
SAMPLE RESULTS  
MAP

FIGURE:  
4



Table 1: Soil Sample Analytical Results  
City of Milwaukee - Lincoln Avenue Garage  
Milwaukee, Wisconsin

								Sample Date: August 30, 2012				
Parameter	Method	Matrix	Units	WI NR 720 Soil RCL (via EPA RSL Web Calculator) Non- Industrial Direct Contact Standards	WI NR 720 Soil RCL (via EPA RSL Web Calculator) Soil to Groundwater Standards	WI NR 746 Risk Screening & Closure for Petroleum Sites Table 1	WI NR 720 Soil Cleanup Standards Table 1 Groundwater Protection	B1	B2	B3	B4	TRIP
								10-12'	10-12'	10-12'	10-12'	NA
Gasoline Range Organics (GRO)	WI MOD GRO	Solid	mg/kg					<3.0	<2.6	<2.6	<2.9	NA
1,2,4-Trimethylbenzene	WI MOD GRO	Solid	ug/kg	89,800	1.3793	83,000		<25.0	<25.0	<25.0	<25.0	<25.0
1,3,5-Trimethylbenzene	WI MOD GRO	Solid	ug/kg	182,000		11,000		<25.0	<25.0	<25.0	<25.0	<25.0
Benzene	WI MOD GRO	Solid	ug/kg	1,490	5.1	8,500	5.5	<25.0	<25.0	51.7J	<25.0	<25.0
Ethylbenzene	WI MOD GRO	Solid	ug/kg	7,470	1,570.0	4,600	2,900	<25.0	<25.0	<25.0	<25.0	<25.0
Methyl-tert-butyl-ether (MTBE)	WI MOD GRO	Solid	ug/kg					<25.0	<25.0	<25.0	<25.0	<25.0
Naphthalene	WI MOD GRO	Solid	ug/kg	5,150	658.7	2,700		<25.0	<25.0	<25.0	<25.0	<25.0
Toluene	WI MOD GRO	Solid	ug/kg	818,000	1,107.2	3,800	1,500	<25.0	<25.0	<25.0	<25.0	<25.0
m&p-Xylene	WI MOD GRO	Solid	ug/kg	778,000	3,940.0			<50.0	<50.0	<50.0	<50.0	<50.0
o-Xylene	WI MOD GRO	Solid	ug/kg	434,000				<25.0	<25.0	<25.0	<25.0	<25.0
PID	Field	Air	ppmv					<10	<10	<10	<10	<10

NOTES:

only analytes with a detection in at least one sample are shown

PID - Photoionization Detector

RCL = Residual Contaminant Level

EPA RSL = US Environmental Protection Agency Regional Screening Level

Concentrations equal to or exceeding the NR 720 Table 1 are **outlined**

Concentrations equal to or exceeding the NR 746 Table 1 are *italicized*

Concentrations equal to or exceeding the NR 720 Soil RCL (via EPA RSLs) Non-Industrial Direct Contact Standards are underlined

Concentrations equal to or exceeding the NR 720 Soil RCL (via EPA RSLs) Soil to Groundwater Standards are in **bold** face and underlined

J = Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

10-12' = sample depth in feet below ground surface

ppmv = parts per million by volume in air