

GIS REGISTRY
Cover Sheet

May, 2009
(RR 5367)

Source Property Information

BRRTS #: 02-60-260379
ACTIVITY NAME: Former Bruce Foundry Inc
PROPERTY ADDRESS: 617 S. Main St.
MUNICIPALITY: Cedar Grove
PARCEL ID #:

CLOSURE DATE: 11/05/2009
FID #: 460035290
DATCP #:
COMM #:

***WTM COORDINATES:**

X: 695939 Y: 345943

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

WTM COORDINATES REPRESENT:

- Approximate Center Of Contaminant Source
- Approximate Source Parcel Center

Please check as appropriate: (BRRTS Action Code)

Contaminated Media:

- Groundwater Contamination > ES (236)
 - Contamination in ROW
 - Off-Source Contamination
(note: for list of off-source properties see "Impacted Off-Source Property")
- 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:

- N/A (Not Applicable)
- Soil: maintain industrial zoning (220)
(note: soil contamination concentrations between non-industrial and industrial levels)
- Structural Impediment (224)
- Site Specific Condition (228)
- Cover or Barrier (222)
(note: maintenance plan for groundwater or direct contact)
- Vapor Mitigation (226)
- Maintain Liability Exemption (230)
(note: local government or economic development corporation)

Monitoring Wells:

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

- Yes
- No
- N/A

* Residual Contaminant Level
** Site Specific Residual Contaminant Level

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

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

BRRTS #: PARCEL ID #:

ACTIVITY NAME: WTM COORDINATES: X: Y:

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.)
- Conditional Closure Letter**
- Certificate of Completion (COC)** for VPLE sites

SOURCE LEGAL DOCUMENTS

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

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

- Maps must be no larger than 8.5 x 14 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 #: 2 **Title:**
 - 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 #: 4 **Title:**
 - 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:**

BRRTS #: 02-60-260379

ACTIVITY NAME: J M BRUCE FOUNDRY 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 #: **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 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 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 #: 02-60-260379

ACTIVITY NAME: J M BRUCE FOUNDRY 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:



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Matthew J. Frank, Secretary
Gloria L. McCutcheon, Regional
Director

Plymouth Service Center
1155 Pilgrim Rd.
P.O. Box 408
Plymouth, Wisconsin 53073-0408
Telephone 920-892-8756
FAX 920-892-6638

November 5, 2009

Gene Jentink
Village of Cedar Grove
22 Willow Avenue
Cedar Geove, WI 53013

Dear Mr. Jentink:

Subject: Case closure, former Bruce Foundry, soil stained areas Area 1, and Area 3, file reference BRRTS #0260260379. (this letter does not include Area 2 – this tank area was closed previously by the Wisconsin Department of Commerce)

Thank you for having your consultant respond to my letter asking for additional information/clarification regarding your site. Based on the correspondence and data provided, it appears that your case meets the closure requirements in ch. NR 726, Wisconsin Administrative Code. The department considers this case closed and no further investigation or remediation is required at this time.

Please be aware that this case may be reopened pursuant to s. NR 726.09, Wisconsin Administrative 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 conditions of case closure set out below in this letter require that this site be listed on the Remediation and Redevelopment Program's GIS Registry. The specific reason is:

- Residual soil contamination exists that must be properly managed should it be excavated or removed.

This letter and information that was submitted with your closure request application will be included on the GIS Registry. To review the sites on the GIS Registry web page, visit the RR Sites Map page at: <http://dnr.wi.gov/org/aw/rr/gis/index.htm>. If you intend to construct or reconstruct a well, you will need prior department approval in accordance with s. NR 812.09(4)(w), Wis. Adm. Code. To obtain approval, Form 3300-254 needs to be completed and submitted to the DNR Drinking and Groundwater program's regional water supply specialist. This form can be obtained on-line <http://dnr.wi.gov/org/water/dwg/3300254.pdf> or at the web address listed above for the GIS Registry.

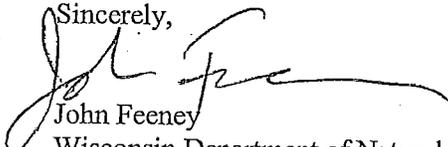
Residual soil contamination remains at locations as indicated in the information submitted to the Department of Natural Resources. If soil in the specific locations described above is excavated in the future, then pursuant to ch. NR 718 or, if applicable, ch. 289, Stats., and chs. 500 to 536, the property owner at the time of excavation must sample and analyze the excavated soil to determine if residual contamination remains. If sampling confirms that contamination is present the property

Page 2 Former Bruce Foundry, BRRTS #0260260379, 11/5/2009

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 people.

If you have any questions about this letter, please call me at 920-892-8756 extension 3023.

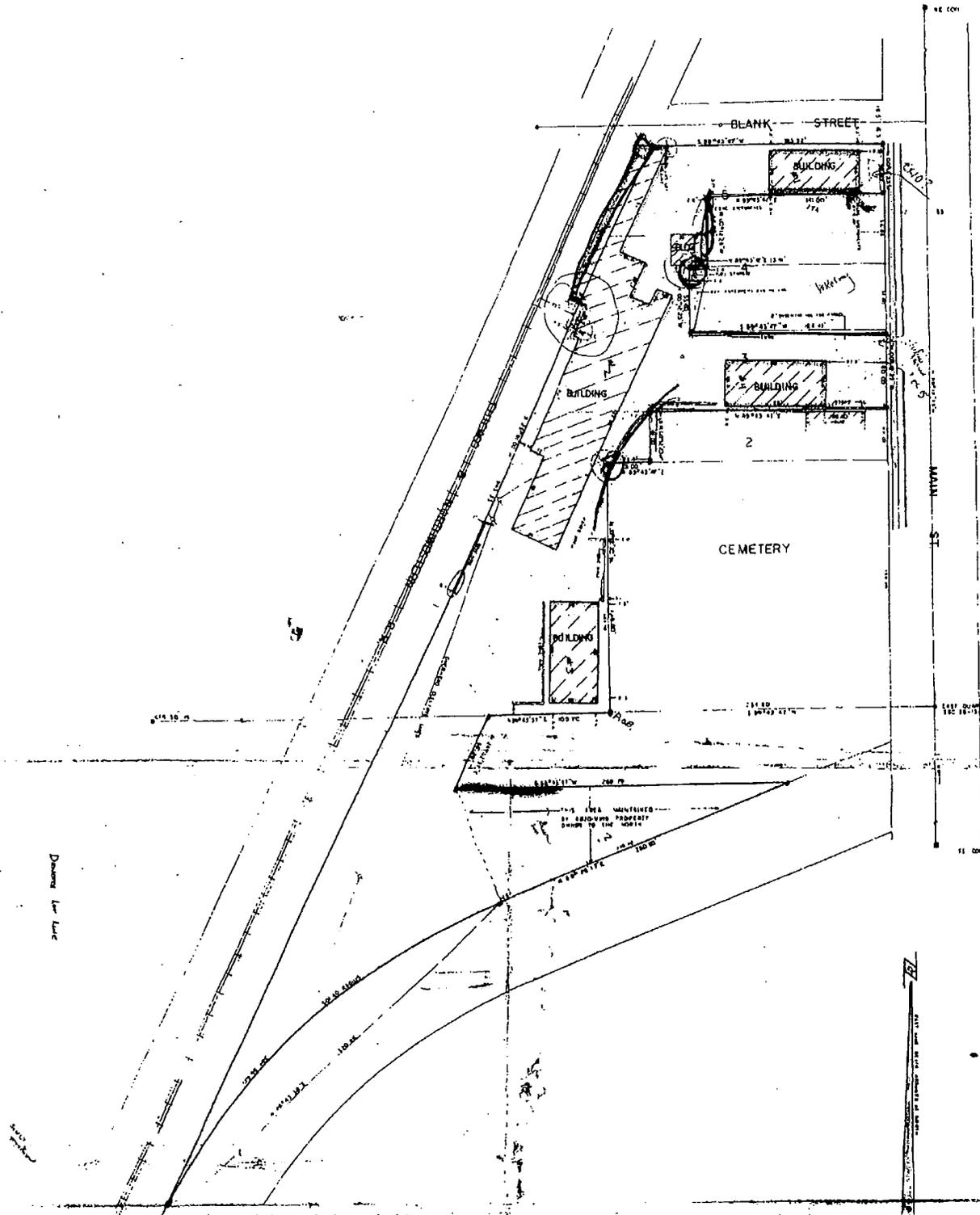
Sincerely,



John Feeny
Wisconsin Department of Natural Resources

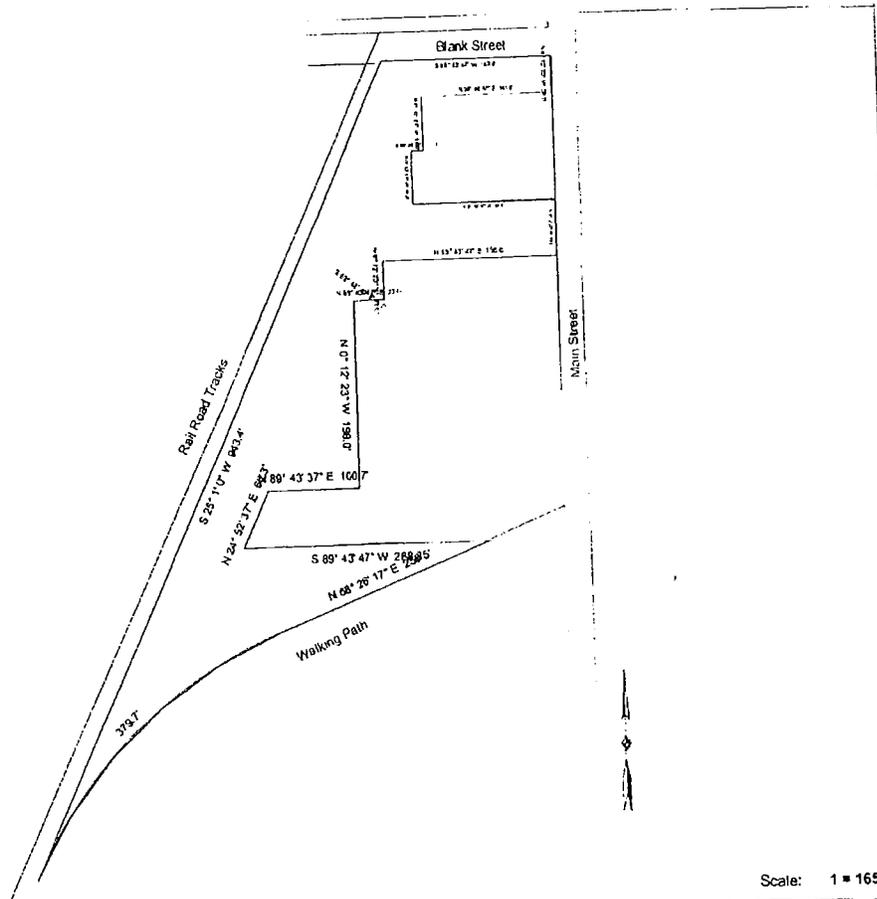
Cc: LF Green Development, LLC
SER File

SUBJECT SURVEY



SUBJECT SITE PLAN

IMPROVEMENTS SKETCH



SURVEY DESCRIPTION

Subject Site
 Beginning at a point of the Tract described by Mates and Bounds as follows:

THENCE North $89^{\circ} 43' 47''$ East, a distance of 33.0 Feet;
 THENCE North $0^{\circ} 12' 23''$ West, a distance of 41.0 Feet;
 THENCE North $89^{\circ} 43' 47''$ East, a distance of 188.6 Feet;
 THENCE North $0^{\circ} 12' 23''$ West, a distance of 60.0 Feet;
 THENCE South $89^{\circ} 43' 47''$ West, a distance of 154.4 Feet;
 THENCE North $0^{\circ} 12' 23''$ West, a distance of 55.0 Feet;
 THENCE North $89^{\circ} 43' 48''$ East, a distance of 13.4 Feet;
 THENCE North $0^{\circ} 12' 23''$ West, a distance of 56.0 Feet;
 THENCE North $89^{\circ} 43' 47''$ East, a distance of 141.0 Feet;
 THENCE North $0^{\circ} 12' 23''$ West, a distance of 39.0 Feet;
 THENCE South $89^{\circ} 43' 47''$ West, a distance of 183.9 Feet;
 THENCE South $25^{\circ} 1' 0''$ West, a distance of 943.3 Feet;
 THENCE along a curve to the Right, said curve having a radius of 501.0 Feet, a central angle of $43^{\circ} 25' 19''$, a chord which bears North $46^{\circ} 44' 56''$ East, a distance of 379.7 Feet;
 THENCE North $68^{\circ} 26' 17''$ East, a distance of 250.5 Feet;
 THENCE South $89^{\circ} 43' 47''$ West, a distance of 268.8 Feet;
 THENCE North $24^{\circ} 52' 37''$ East, a distance of 66.3 Feet;
 THENCE North $89^{\circ} 43' 37''$ East, a distance of 100.7 Feet;
 THENCE North $0^{\circ} 12' 23''$ West, a distance of 198.0 Feet;
 THENCE North $20^{\circ} 1' 47''$ East, a distance of 0.3 Feet to point of beginning;

Said tract containing 2.3 acres (99322.0 sqft.) of land, more or less.
 Perimeter = 3173.0 Feet
 No significant error of closure.

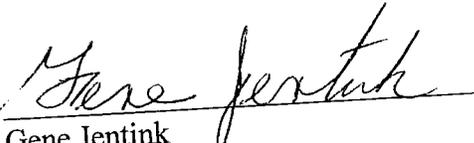
Appraisal Group One

APEX SOFTWARE 800-858-9168

As of 10/31/2004

EXHIBIT A

I, Gene Jentink, Village President, owner/responsible party for the Former Bruce Foundry located at 617 S. Main Street, Cedar Grove, Wisconsin, certify that to the best of my knowledge, the legal description has been attached for the property that is within, or partially within, the contaminated boundary.


Gene Jentink
Former Bruce Foundry

Date Oct 10, 2009



DESIGNED BY:
 DRAWN BY: TWP
 CHECKED BY: TEH
 APPROVED BY: LJF
 DATE: 06/21/07
 SCALE:

KAPUR & ASSOCIATES, INC.
 CONSULTING ENGINEERS
 MILWAUKEE, WISCONSIN
 414.351.6668

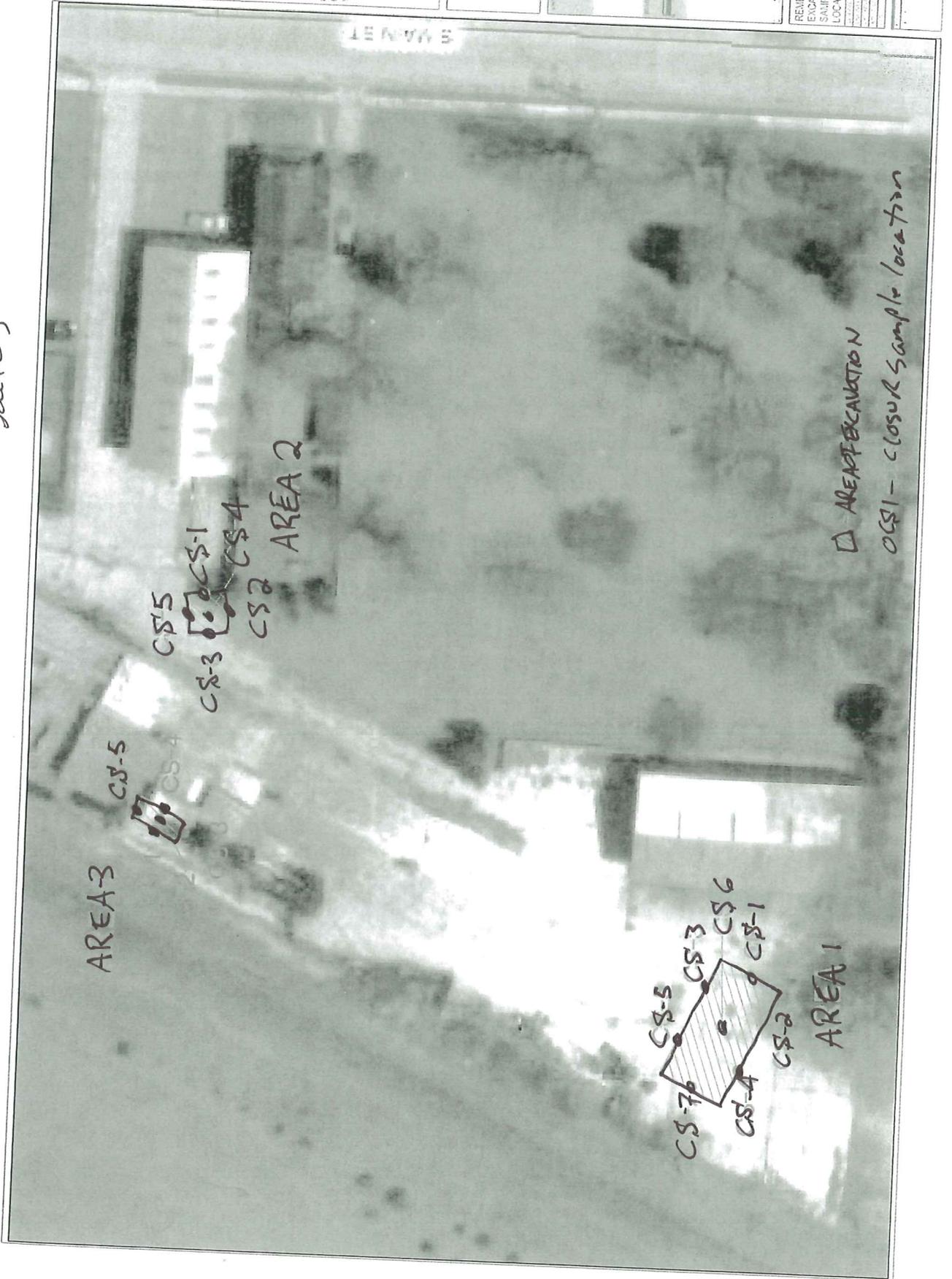


SURROUNDING AREA AERIAL PHOTOGRAPH
 617 SOUTH MAIN STREET
 CEDAR GROVE, SHEBOYGAN COUNTY, WISCONSIN

PROJECT NO.
 07xxx.421

FIGURE
 2

Bacres





KAPUR & ASSOCIATES, INC.
CONSULTING ENGINEERS

Table 1: Soil Sample Analytical Results - Excavation Area 1
Former JM Bruce Foundry
Cedar Grove, Wisconsin

Sample #	Depth (ft bgs)	Date Collected	PID (ppm eq)	METALS		VOCs							PAHs										
				Lead	1,1,1-Trichloroethane	Trichloroethene	Anthracene	Benzo (a) anthracene	Benzo (b) fluoranthene	Benzo (k) fluoranthene	Benzo (a) pyrene	Benzo (g,h,i) perylene	Chrysene	Dibenzo (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene	
CLOSURE SAMPLES																							
A1/CS-1	2-4'	6/30/2009	<10	15	<0.035	0.062	0.011	0.012	0.066	0.14	0.0078	0.013	0.035	<0.011	0.07	<0.014	0.14	0.057	0.067	<0.042	0.054	0.075	
A1/CS-2	2-4'	6/30/2009	<10	27	<0.034	<0.034	0.009	0.022	0.073	0.051	<0.0067	0.024	0.096	<0.010	0.21	<0.013	0.094	0.11	0.23	0.19	0.073	0.3	
A1/CS-3	2-4'	6/30/2009	<10	12	<0.034	<0.034	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.010	<0.013	<0.013	<0.0067	<0.040	<0.040	<0.040	<0.0067	<0.0067	
A1/CS-4	2-4'	6/30/2009	<10	14	0.055	<0.033	0.0077	0.029	0.12	0.059	<0.0066	0.026	0.084	<0.0099	0.14	<0.013	0.086	0.055	0.24	0.21	0.066	0.2	
A1/CS-5	2-4'	6/30/2009	<10	14	<0.031	<0.031	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0092	<0.012	<0.012	<0.0061	<0.037	0.048	<0.037	0.012	<0.0061
A1/CS-6	2-4'	6/30/2009	<10	13	<0.03	<0.03	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0088	<0.012	<0.012	<0.0058	<0.035	<0.035	<0.035	<0.0058	<0.0058
A1/CS-7	2-4'	6/30/2009	<10	10	<0.033	<0.033	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066	<0.0099	<0.013	<0.013	<0.0066	<0.040	<0.040	0.076	<0.0066	<0.0066	
WASTE CHARACTERIZATION SAMPLE																							
A1/WCS-1	NA	6/30/2009	<10	120	<0.03	<0.03	0.048	0.34	0.54	0.19	0.31	0.26	0.54	0.049	1.2	7.4	0.31	<0.035	0.29	0.18	0.23	1.2	
A1/WCS-2	NA	6/30/2009	<10	120	<0.03	<0.03	0.035	0.21	0.37	0.11	0.21	0.21	0.31	0.038	0.77	0.81	0.24	0.044	0.26	0.13	0.21	0.67	
NR 720.09 Residual Contaminant Level (RCL)				50	NS	NS	5000	0.088	0.088	0.88	0.0088	1.8	8.8	0.0088	600	600	0.088	1100	600	20	18	500	
NR 720.09 Site Specific RCLs (SSRCLs)				NS	NS	0.0037	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	

NOTES:

only analytes with detection in at least one sample are shown
 All results are in parts per million (ppm) unless otherwise noted
 Metals Residual Contaminant Level (RCLs) based on NR 720.09 Human
 Volatile Organic Compound (VOCs) RCLs based NR 720.09 on Protection
 Polynuclear Aromatic Hydrocarbon (PAHs) RCLs based on Soil Cleanup Levels for PAHs Interim
 Guidance RR-519-97 (Human Health Risk From Direct Contact Related To Non-Industrial Land
 Concentrations equal to or exceeding the NR 720 or RR-519-97 RCLs are in **bold face**
 Concentrations equal to or exceeding the NR 720.09 SSRCLs are in **bold italics**
 PID - Photoionization Detector
 ft bgs = feet below ground surface
 ppmv = parts per million by volume in air
 NA = Not Applicable
 NS = No Standard

45 0.38



KAPUR & ASSOCIATES, INC.
CONSULTING ENGINEERS

Table 1: Soil Sample Analytical Results – Excavation Area 2
Former JM Bruce Foundry
Cedar Grove, Wisconsin

Sample #	Depth (ft bgs)	Date Collected	PID (ppm eq)	GRO							PVOCS			METALS
				Gasoline Range Organics	Benzene	Ethylbenzene	Methyl tert-Butyl Ether	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylenes, total	Lead		
CLOSURE SAMPLES														
A2/CS-1	8-10'	06/30/09	2,543	59	<0.066	1.60	<0.088	0.17	4.50	1.80	2.40	12.0		
A2/CS-2	8-10'	06/30/09	647	63	<0.028	4.10	<0.089	1.30	7.00	2.20	12.00	9.8		
A2/CS-3	8-10'	06/30/09	493	59	<0.028	1.50	<0.045	0.07	6.20	2.20	2.30	10.0		
A2/CS-4	8-10'	06/30/09	448	20	<0.110	2.90	<0.055	0.081	0.37	0.82	0.34	11.0		
A2/CS-5	8-10'	06/30/09	2,208	160	<0.120	2.00	<0.180	0.38	7.50	3.20	3.00	12.0		
WASTE CHARACTERIZATION SAMPLE														
A2/WCS-1	NA	06/30/09	3,673	720	1.60	0.67	<0.140	2.00	17.00	7.80	1.80	20.0		
Trip Blank		06/30/09		NA	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NA		
NR 720.09 Residual Contaminant Levels (RCLs)				250	0.0055	2.9	NS	1.5	NS	NS	4.1	50		
NR 746.06 Table 1 (Free Product Indicator)				NS	8.5	4.6	NS	38	83	11	NS	NS		
NR 746.06 Table 2 (Direct Contact Standard)				NS	1.1	NS	NS	NS	NS	NS	NS	NS		

NOTES:

only analytes with detection in at least one sample are shown

All results are in parts per million (ppm) unless otherwise noted

Metals Residual Contaminant Level (RCLs) based on NR 720.09 Human Health Risk from Direct Contact related

Petroleum Volatile Organic Compound (PVOCS) RCLs based NR 720.09 on Protection of Groundwater, Table 1 Indicators of Residual Petroleum Product in

Soil Pores per NR 746.06, and Table 2 Protection of Human Health from Direct Contact with Contaminated Soil per NR 746.06

Gasoline Range Organics (GRO) and Diesel Range Organics (DRO) RCLs based on NR 720.09 by Soil Type

Concentrations equal to or exceeding the NR 720 or RR-519-97 RCLs are in **bold face**

Concentrations equal to or exceeding Table 1 are in *italics*

Concentrations equal to or exceeding Table 2 are underlined

PID - Photoionization Detector

ft bgs = feet below ground surface

ppmv = parts per million by volume in air

NA = Not Applicable

NS = No Standard



Table 1: Soil Sample Analytical Results - Excavation Area 3
Former JM Bruce Foundry
Cedar Grove, Wisconsin

Sample #	Depth (ft bgs)	Date Collected	PID (ppm eq)	METALS		PCBs		VOCs							PAHs									
				Lead	Polycarbonate Bipheryl's	Ethylbenzene	Naphthalene	Toluene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylenes, total	Anthracene	Benzo (a) anthracene	Benzo (b) fluoranthene	Benzo (k) fluoranthene	Benzo (e) pyrene	Benzo (g,h,i) perylene	Chrysene	Dibenzo (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	
CLOSURE SAMPLES																								
A3/CS-1	2-4'	6/30/2009	<10	87	ND	<0.033	<0.066	<0.033	<0.033	<0.033	<0.033	<0.11	0.036	0.16	0.16	0.056	0.085	0.11	0.28	<0.049	0.7	<0.066	0.2	
A3/CS-2	2-4'	6/30/2009	<10	78	ND	<0.033	<0.066	<0.033	<0.033	<0.033	<0.11	0.023	0.073	0.15	0.065	0.055	0.074	0.15	<0.019	0.15	<0.026	0.11		
A3/CS-3	2-4'	6/30/2009	<10	150	ND	0.029	0.073	0.029	0.077	0.15	0.034	0.15	0.051	0.17	0.22	0.097	0.15	0.15	0.29	0.019	0.78	0.25	0.16	
A3/CS-4	2-4'	6/30/2009	<10	7.3	ND	<0.034	<0.067	<0.034	<0.034	<0.034	<0.11	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.01	<0.013	<0.013	<0.0067	
A3/CS-5	2-4'	6/30/2009	<10	11	ND	<0.035	<0.069	<0.035	<0.035	<0.035	<0.12	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.01	<0.013	<0.013	<0.0067	
WASTE CHARACTERIZATION SAMPLE																								
A3/WCS-1	NA	8/30/2009	<10	82	ND	<29	<58	<29	<29	<29	<29	<99	0.034	0.15	0.42	0.11	0.17	0.16	0.32	0.025	0.61	1.3	0.23	
NR 720.09 Residual Contaminant Level (RCL)				50	NS	2.9	NS	1.5	NS	NS	NS	4.1	5000	0.088	0.088	0.88	0.0088	1.8	8.8	0.0088	600	600	0.088	

NOTES:

only analytes with detection in at least one sample are shown
 All results are in parts per million (ppm) unless otherwise noted
 Metals Residual Contaminant Level (RCLs) based on NR 720.09 Human Health Risk from Direct Contact
 Volatile Organic Compound (VOCs) RCLs based on NR 720.09 on Protection of Groundwater
 Polynuclear Aromatic Hydrocarbon (PAHs) RCLs based on Soil Cleanup Levels for PAHs Interim Guidance RR-519-97 (Human Health Risk From Direct Contact Related To Non-Industrial Land Use)
 Concentrations equal to or exceeding the NR 720 or RR-519-97 RCLs are in bold face
 Concentrations equal to or exceeding Table 1 are in *italics*
 Concentrations equal to or exceeding Table 2 are underlined
 PID - Photoionization Detector
 ft bgs = feet below ground surface
 ppmv = parts per million by volume in air
 NA = Not Applicable
 NS = No Standard

Handwritten notes and arrows pointing to specific data points in the table, including "non ind", "direct contact", and "0.033 ppm".