

DEPARTMENT OF NATURAL RESOURCES
BRRTS TRACKING FORM

UID: 02-13-552584	FID:	PMN:
-------------------	------	------

Programs: LUST ERP VP _____ GP _____

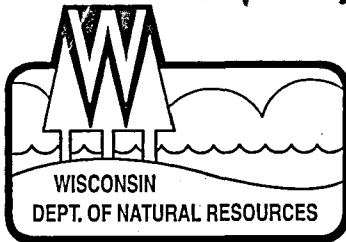
County <u>Dane</u>	Notification Date <u>10-9-08</u>
Site Name <u>Goodman Community Center</u>	RP letter Date _____
Address <u>149 Haubesa</u>	Closure Date <u>10-24-08</u>
Municipality <u>Madison</u> Zip Code _____	Reported by: _____
Legal Desc: _____ 1/4 _____ 1/4 s _____ t _____ N r _____ E/W	Phone: _____
Lat: _____ ° _____ ' _____ " Long. _____ ° _____ ' _____ "	

Priority	Factors	Funding
<input type="checkbox"/> HIGH	<input type="checkbox"/> Free Product >.01	<input type="checkbox"/> RP
<input type="checkbox"/> MED	<input type="checkbox"/> ES w/100' of private well or	<input type="checkbox"/> EF
<input type="checkbox"/> LOW	<input type="checkbox"/> ES w/1000' of Municipal well	<input type="checkbox"/> Other _____
<input type="checkbox"/> UNK	<input type="checkbox"/> Priv/Public well >PAL	
	<input type="checkbox"/> Bedrock cont. >ES	<input type="checkbox"/> Co-Contamination
		<input type="checkbox"/> ASTs <input type="checkbox"/> Spill

RESPONSIBLE PARTY	
Name _____	
Company <u>Goodman Community Center</u>	
Address <u>149 Haubesa</u>	
<u>Madison WI</u>	
Phone: _____	
cc: _____	

Impacts
<input type="checkbox"/> Cont. Private Well
<input type="checkbox"/> Cont. Public Well
<input type="checkbox"/> Groundwater Contamin.
<input type="checkbox"/> Soil Contamination
<input type="checkbox"/> Surface Water Impacts
<input type="checkbox"/> Direct Contact
<input type="checkbox"/> Free Product
<input type="checkbox"/> Expanding plume
Substances
<input type="checkbox"/> Gasoline <input type="checkbox"/> Pb
<input type="checkbox"/> Diesel
<input type="checkbox"/> Fuel Oil
<input type="checkbox"/> Waste Oil
<input type="checkbox"/> VOCs
<input type="checkbox"/> Unknown
<input type="checkbox"/> Ag Chem
<input type="checkbox"/> Metals
<input type="checkbox"/> RCRA HW
<input type="checkbox"/> ChlorSolvents

ACTION CODES	Action Code	Date	Comment	Action Code	Date	Comment
1- Notification	1	10-9-08				
2- RP Letter Sent	79					
3- NON	50					
4- Enforcement Conference	710					
8- Significant Violator	56	10-24-08				
33- Tank Closure/ Site Assessment	222					
35- Site Investigation WP (w/o fee)	11					
36- SI WP Approved						
81- SI WP NOT Approved						
37- Site Investigation Report						
38- SIR Approved						
140- SIR NOT Approved						
39- Rem. Act. Opt. Rep. Received (w/o fee)						
40- RAOR Approved						
82- RAOR NOT Approved						
151- Construction Doc. Report Received (w/o fee)						
153- Construction Doc. Report Approved						
154- Construction Doc. Report NOT Approved						
43- Status Report						
61- Landspreading Request Received (w/fee)						
62- Landspreading Request Approved						
65- Landspreading Request NOT Approved						
92- O&M Report Received (w/o fee)						
93- O&M Report Approved						
94- O&M Report NOT Approved						
76- Transfer to DCOM						
89- DCOM Transfer Back to DNR						
79- Closure Request Received (w/fee)						
179- Closure Request Receive (w/o fee)						
183- No Further Action Request (w/fee)						
80- Closure NOT Approve						
84- Conditional Closure						
48- PAL Exemption Required for Closure						
50- Groundwater Use Restriction Required						
51- Deed Affidavit Required for Closure						
52- Deed Restriction Required for Closure						
86- Site Specific Conditions Required for Closure						
83- Close-out under NR708.09						
11- Activity Closed						



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Matthew J. Frank, Secretary
Lloyd L. Eagan, Regional Director

South Central Region Headquarters
3911 Fish Hatchery Road
Fitchburg, Wisconsin 53711-5397
Telephone 608-275-3266
FAX 608-275-3338
TTY Access via relay - 711

October 24, 2008

File Ref: 02-13-552584
Dane County

Ms. Becky Steinhoff
Goodman Community Center
149 Waubesa Street
Madison, WI 53704

Subject: Site Closure: Goodman Community Center, 149 Waubesa Street, Madison

Dear Ms Steinhoff:

On October 9, 2008, the South Central Region Closure Committee reviewed the above referenced case for closure. This committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. Based on the correspondence and data provided, it appears that your case meets the requirements of ch. NR 726, Wisconsin Administrative Code. The Department considers this case closed and no further investigation or remediation is required at this time. As part of this closure decision it should be noted that the chlorinated chemical groundwater contamination found in certain monitoring wells has been determined to be from an offsite source. The Department formalized this decision in an August 9, 2001 off site exemption letter to John Chesley of Durline Scales.

GIS Registry

The conditions of case closure set out below in this letter require that your site be listed on the Remediation and Redevelopment Program's GIS Registry. The specific reasons are summarized below:

- Residual soil contamination exists that must be properly managed should it be excavated or removed
- Pavement, an engineered cover or a soil barrier must be maintained over contaminated soil and the state must approve any changes to this barrier

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/r/gis/index.htm>. If your property is listed on the GIS Registry because of remaining contamination and 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.

Closure Conditions

Please be aware that pursuant to s. 292.12 Wisconsin Statutes, compliance with the requirements of this letter is a responsibility to which you and any subsequent property owners must adhere. If these requirements are not followed or if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, welfare, or the environment, the Department 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 or this case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code. It is the Department's intent to conduct inspections in the future to ensure that the conditions included in this letter including compliance with referenced maintenance plans are met.

Remaining Residual Soil Contamination

Residual soil contamination remains on site as indicated in the information submitted to the Department of Natural Resources. If soil or waste material are 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 material to determine if residual contamination remains. If sampling confirms that contamination is present the property owner at the time of excavation will need to determine whether the material would be 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.

Cover or Barrier

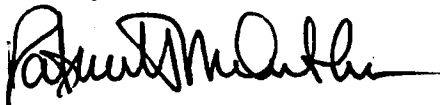
Pursuant to s. 292.12(2)(a), Wis. Stats., the pavement, building foundation and/or soil cover that currently exists in the location shown on the attached map shall be maintained in compliance with **the attached maintenance plan** in order to prevent direct contact with residual soil contamination that might otherwise pose a threat to human health. 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 residual contamination remains. If sampling confirms that contamination is present the property owner at the time of excavation will need to 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. 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 during excavation activities to prevent a health threat to humans. The attached maintenance plan and inspection log are to be kept up-to-date and on-site, and the inspection log need only be submitted to the Department upon request.

Prohibited Activities

The following activities are prohibited on any portion of the property where pavement, a building foundation or soil cover is required as shown on the attached map, unless prior written approval has been obtained from the Wisconsin Department of Natural Resources: 1) removal of the existing barrier; 2) replacement with another barrier; 3) excavating or grading of the land surface; 4) filling on capped or paved areas; 5) plowing for agricultural cultivation; or 6) construction or placement of a building or other structure.

If you have any questions regarding this closure decision or anything outlined in this letter, please contact Michael Schmoller at 608-275-3303.

Sincerely,



Patrick McCutcheon
South Central Region Remediation & Redevelopment Team Supervisor

Cc: Eric Oelkers, BT2, 2830 Dairy Drive, Madison, WI 53718

DATE: October 9, 2008
TO: SCR Closure Committee
FROM: Michael Schmoller
SUBJECT: Goodman Community Center Closure Request
149 Waubesa Street
Madison
02-13-553584

Closure Date: October 9, 2008
Priority: Non LUST, metals
Acres for reuse: 2.75

This property began industrial operations in 1880 and continued until the 1990's. During that time the site was primarily used by Steinle Machine Company, Theo Kupfer Iron Works and Durline Scales. When manufacturing operations ceased on the property, the property looked as is shown in Figure A3. The site is currently a community center and a day care with recreational facilities.

The site has a long regulatory history as shown in Table A5. The results of numerous investigations can be summarized as follows:

The site soils are a varying thickness of dark brown to black silty sand fill with gravel, brick and cinders. The fill ranges in thickness from 1-8 feet but is normally less than 5 and overlies clay and silty clay. The clay and silty clay extends to 6.5 -10 feet deep and overlies fine sand and silty sand. The sand extends to at least 25 feet. Depth to groundwater is 7-12 feet with flow to the east-southeast on the north end of the site and west-southwest at the south end of the site. Bedrock was not encountered.

Soil contamination was evaluated in several studies. Tables C1 (A, B and C) and Figures 2 and C2 show the pre-remedial extent of soil contamination. Contamination was widespread across the site and primarily the result of PAHs and lead.

Based on the soil contamination there have been several remedial actions. Some of the remedial actions were taken about 22 years ago and are not as well documented. In October 1986 the following four USTs were removed:

1. 12,000 gallon unleaded gasoline
2. 9,000 gallon #2 fuel oil
3. 1,000 gallon unleaded gasoline
4. 12,000 gallon #2 fuel oil

Tanks 1, 2 and 3 were located on the east and south sides of the main garage and tank 4 was located north of the former boiler room at the northeast corner of the main building. PID readings at the time of removal indicated limited soil contamination and small (undetermined) amounts of soil were removed from the locations of tanks 1, 3 and 4.

More significantly in 1986 Warzyn excavated 1.5 feet of soil over a 6900 square foot area around boring B1(W). This was paint stained soil and the estimated 383 cubic yards of soil were landfilled.

More recent soil remedial efforts were:

1. During June –October 2007 BT2 supervised the excavation of 7888 tons of soil from the property, 2700 tons from the city bike path ROW and 2880 tons from utility ROW on the south side of the building. A total of 13,500 tons of contaminated soil were taken to the landfill. The excavation depth was approximately 1-3 feet across much of the site. There were no post excavation samples collected. The excavation did remove most all of the waste material on site. (cinders, wood, brick, etc) The remaining fill material was soil in nature.

2. After the excavation the site has been capped. The cap includes the new gymnasium, concert walks and landscaped areas. In impervious capped areas there is a one foot distance to residual contaminated material. In landscaped areas there are 2 feet of clean soil. The cap does not include the rain garden but testing showed the soil in this area to be clean so there is no concern about the rain garden leaching materials to the groundwater. (Boring SB1) (See Figure G1)


There were PCB contaminated surfaces detected inside the main building. These areas have either been cleaned or encapsulated. The concrete floor in the main building had areas of PCB contamination. The entire floor in the main building has been covered with 20 inches of gravel base and new concrete. The contaminated wooden support columns were cut off about 18 inches above the new concert and replaced with steel supports. The remaining portions of the wood columns above this height were washed with a cleaning solution. Post washing testing of columns C8, D7, D8 and D12 showed residual PCB concentrations greater than 1 ppm only at column D12. Column D12 was wrapped in a new layer of clean wood trim. Figures 3 and F-3 and Table F-1 summarize the PCB conditions at the site.

Site groundwater conditions are summarized in Tables E1A and E1B. Groundwater has not been a primary issue at this site. There have historically been limited VOC detects and the metals results have not warranted any remedial response. In 2001 the site was issued and offsite liability exemption for the chlorinated groundwater contamination. It does not appear that the groundwater at this site requires additional monitoring or remedial response. The site also does not warrant a groundwater GIS listing.

Given the current redeveloped condition of the site, the presence of a cap and cap maintenance plan and limited groundwater impacts, the site can be closed with a cap requirement and a soil GIS Listing.

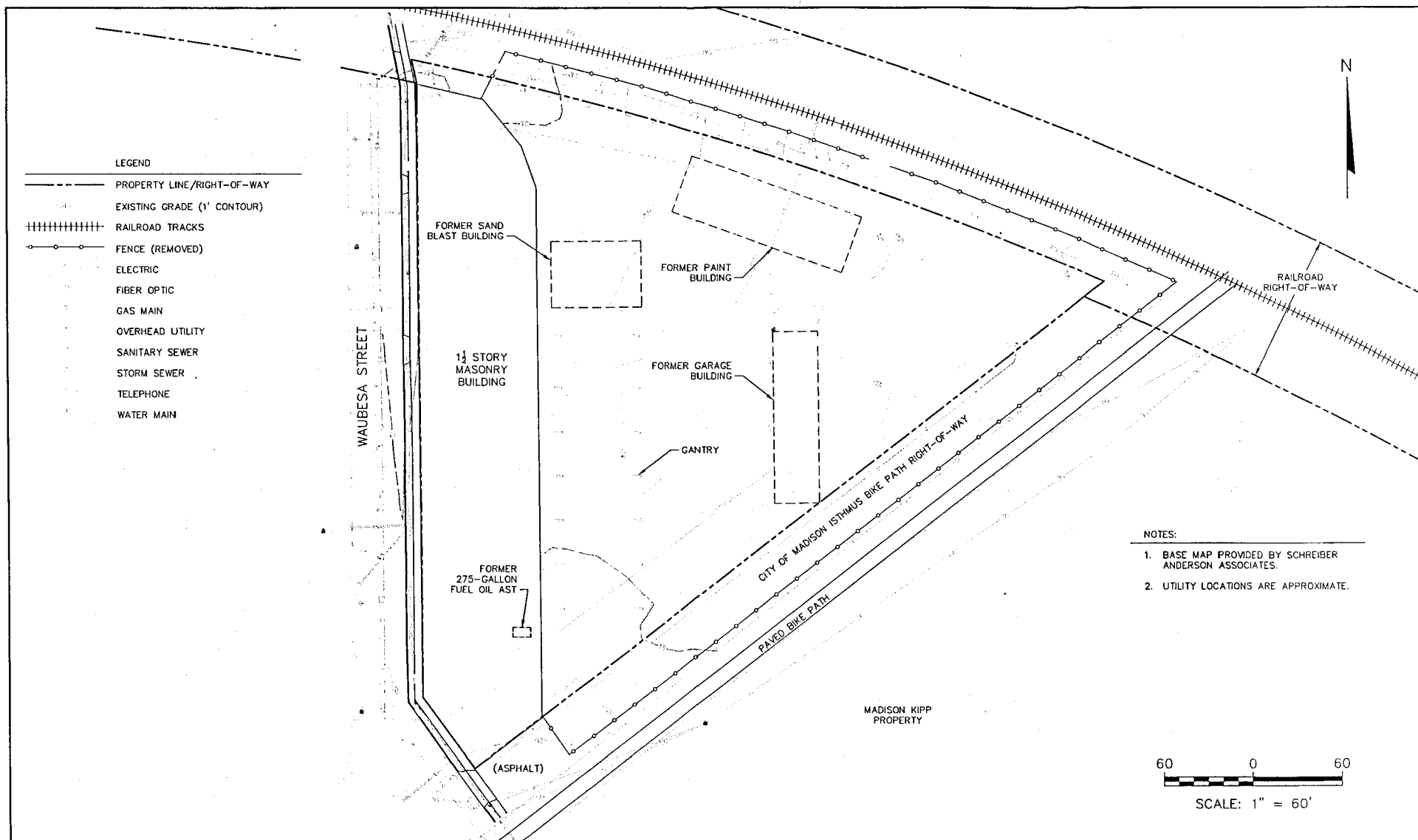
CLOSURE APPROVED

Pat McCutcheon

 10/15/08

Marty Nessman

 10/15/08



PROJECT NO. 3320	DRAWN BY: KRG/KP	ENGINEER BT ² inc.	2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830 FAX: (608) 224-2839	CLIENT GOODMAN COMMUNITY CENTER 149 WAUBESA STREET MADISON, WISCONSIN 53704 PHONE: (608) 241-1574	GOODMAN COMMUNITY CENTER 149 WAUBESA STREET MADISON, WISCONSIN	PRE-DEVELOPMENT SITE PLAN	FIGURE A-3
DRAWN: 05/18/07	CHECKED BY: EN						
REVISED: 10/07/08	APPROVED BY:						

Table A-5
Site Investigation and Remediation Chronology
Kupfer Center
140 Waubesa Street, Madison, Wisconsin
BT² Project #3320

Date	Source	Event Type	Event Description
October 6, 1986	Warzyn	Field	Removal of four gasoline and fuel oil tanks and limited excavation of associated contaminated soils
October 12, 1986	Warzyn	Field	Sampling of soil borings B1 through B4
October 31, 1996	Warzyn	Field	Groundwater sampling from W-1 through W-9
November 21, 1986	Warzyn	Field	Groundwater sampling from W-5, W-6, and W-7
December 22, 1986	WDNR	Letter	Request for additional groundwater sampling and excavation of paint-contaminated soil
March 25, 1987	Warzyn	Field	Groundwater sampling from W-1, W-3, and W-5
May 15, 1987	Warzyn	Field	Groundwater sampling from W-3, W-5, and W-8
June 16, 1987	Warzyn	Report	"Environmental Audit and Remedial Investigation"
June 29, 1987	WDNR	Letter	Approval for no further remedial action
NLT April 1990		Sale	Durline Scales & Manufacturing, Inc., purchases the property
October 31, 2000	Midwest Environics	Report	"Phase 1 Environmental Site Assessment"
November 17, 2000	REA	Field	Soil sampling from borings B-1 through B-13
December 12, 2000	REA	Report	"Soil Sampling Summary Report"
December 15, 2000	REA	Letter	Cover letter for submittal of REA Soil Sampling Summary report to WDNR
January 19, 2001	WDNR	Letter	WDNR confirms no further action determination contingent on continued commercial or industrial property use
March 29, 2001	Gannett Fleming	Letter	Review and comment on work completed since 1987
April 28, 2001	Gannett Fleming	Field	Groundwater sampling from direct push borings GP-1 through GP-8
March 29, 2001	Gannett Fleming	Letter	Groundwater Sample Results
May 29, 2001	REA	Letter	Cover letter from submittal of GF groundwater results letter to WDNR
July 30, 2001	REA	Letter	Off-site exemption request for PCE detected in groundwater
August 9, 2001	WDNR	Letter	WDNR agrees that PCE is from an off-site source and that Durline is not liable for cleanup
NLT December 2001		Sale	Ironworks Development purchases the property

Table A-5
Site Investigation and Remediation Chronology
Kupfer Center
140 Waubesa Street, Madison, Wisconsin
BT² Project #3320

Date	Source	Event Type	Event Description
May 18, 2005	WEA	Memo	Review and comment on environmental work since 1987
June 27, 2005	WEA	Field	PCB sampling from interior building surfaces
June 29, 2005	WEA	Field	Soil sampling
July 8, 2005	WEA	Field	Soil Sampling
July 25, 2005	WEA	Field	PCB core samples from interior building materials
August 15, 2005	WEA	Report	"Environmental Sampling, Ironworks Property"
January 5, 2006		Sale	Kupfer Center, LLC purchases the property
March 19, 2007	BT ²	Field	Soil sampling from geotechnical boring SB1
June 4, 2007	BT ²	Field	Core sampling wood columns for PCBs
June 12, 2007	BT ²	Letter	Summary of status of environmental issues
June 14, 2007	BT ²	Memo	Summary of meeting with WDNR regarding approach for addressing outstanding environmental issues
Mid to Late June 2007	RBE	Field	Excavation of contaminated soil to subgrade
July 6, 2007	BT ²	Field	Soil sampling from hand auger borings along bike path
Mid October	RBE	Field	Excavation of contaminated soil to subgrade along bike path
March 28, 2008	BT ²	Field	Resampled four wood columns for PCBs

I:\3320\Tables-General\Chronology.xls]Sheet1

Table C-1A
Soil Analytical Results Summary - Metals
149 Waubesa / BT² Project #3320A
(Results are in mg/kg)

Sample	Date	Depth (feet)	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver	Zinc
B1 (Warzyn)	10/24/1986	0.5	<u>20.4</u>	4,000	3.13	1,180	<u>12,600</u>	0.111	<0.05	1.76	2,710
B1 (Warzyn)	10/24/1986	4	<u>15</u>	121	0.83	34.5	<19.8	0.052	<0.04	<0.80	43.6
B1 (Warzyn)	10/24/1986	6.5	<u>14.8</u>	192	0.56	41.5	<u>131</u>	0.049	<0.03	<0.50	61.1
B1 (REA)	11/17/2000	4	<u>4.8</u>	NA	<0.033	19	7.4	NA	NA	NA	NA
B1 (REA)	11/17/2000	8	<0.66	NA	<0.033	5.7	2.5	NA	NA	NA	NA
B2 (REA)	11/17/2000	4	<u>1.7</u>	NA	<0.043	20.5	5.9	NA	NA	NA	NA
B2 (REA)	11/17/2000	8	<u>2.2</u>	NA	<0.035	10.4	3.6	NA	NA	NA	NA
B3 (REA)	11/17/2000	4	<u>5.3</u>	NA	<0.041	20.4	9.6	NA	NA	NA	NA
B3 (REA)	11/17/2000	8	<0.63	NA	<0.032	16.5	5.5	NA	NA	NA	NA
B4 (REA)	11/17/2000	4	<u>3.7</u>	NA	<0.030	11.3	26.9	NA	NA	NA	NA
B4 (REA)	11/17/2000	8	<0.87	NA	<0.043	19.2	6.2	NA	NA	NA	NA
B5 (REA)	11/17/2000	4	<u>8.2</u>	NA	<0.037	21.7	12.6	NA	NA	NA	NA
B5 (REA)	11/17/2000	8	<0.082	NA	<0.041	15.7	4.6	NA	NA	NA	NA
B6 (REA)	11/17/2000	4	<u>4.4</u>	NA	<0.045	21	18.1	NA	NA	NA	NA
B6 (REA)	11/17/2000	8	<0.080	NA	<0.040	3	0.95	NA	NA	NA	NA
B7 (REA)	11/17/2000	4	<u>8.0</u>	NA	<0.052	21.4	19.2	NA	NA	NA	NA
B7 (REA)	11/17/2000	8	<u>2.3</u>	NA	<0.036	11.7	5.2	NA	NA	NA	NA
B8 (REA)	11/17/2000	4	<u>6.9</u>	NA	<0.032	46.8	<u>395</u>	NA	NA	NA	NA
B8 (REA)	11/17/2000	8	<u>5.4</u>	NA	<0.034	18	8.2	NA	NA	NA	NA
B9 (REA)	11/17/2000	4	<u>6.7</u>	NA	<0.033	14.8	<u>105</u>	NA	NA	NA	NA
B9 (REA)	11/17/2000	8	<u>4.5</u>	NA	<0.048	16.6	7.1	NA	NA	NA	NA

Table C-1A
Soil Analytical Results Summary - Metals
149 Waubesa / BT² Project #3320A
(Results are in mg/kg)

Sample	Date	Depth (feet)	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver	Zinc
S0629.01 (WEA)	6/29/2005	surface	<u>18.4</u>	75.2	<u>11.9</u>	522	<u>76.5</u>	0.0019	<0.25	2.1	NA
0708A.01 (WEA)	7/8/2005	0 - 0.5	<u>9.9</u>	168	2.0	47.3	<u>705</u>	0.077	<0.35	<0.21	NA
0708A.02 (WEA)	7/8/2005	4.0 - 4.5	<u>4.5</u>	125	0.39	18.8	30.8	0.03	<0.44	0.45	NA
0708A.03 (WEA)	7/8/2005	8.0 - 8.5	<u>2.6</u>	97.3	0.47	12.1	7.8	0.032	<0.33	0.32	NA
0708B.01 (WEA)	7/8/2005	0 - 0.5	<u>9.0</u>	225	1.3	21.5	<u>327</u>	0.034	<0.30	<0.18	NA
0708B.02 (WEA)	7/8/2005	4.0 - 4.5	<u>4.5</u>	129	0.61	15.6	<u>51</u>	0.032	<0.46	0.84	NA
0708C.01 (WEA)	7/8/2005	0 - 0.5	<u>2.4</u>	84	1.0	52.6	<u>615</u>	0.024	<0.33	<0.20	NA
0708C.02 (WEA)	7/8/2005	4.0 - 4.5	<u>2.7</u>	103	0.4	19	<u>54.1</u>	0.02	<0.32	0.45	NA
0708D.01 (WEA)	7/8/2005	0 - 0.5	<u>5.8</u>	130	1.3	52.1	<u>3,410</u>	0.031	<0.42	<0.25	NA
0708D.02 (WEA)	7/8/2005	4.0 - 4.5	<u>3.5</u>	86.7	0.57	16	<u>95.4</u>	0.036	0.43	0.22	NA
0708PB.01 (WEA)	7/8/2005	0 - 0.5	<u>4.8</u>	16.4	0.86	28	<u>82.2</u>	0.0099	<0.30	<0.18	NA
0708PB.02 (WEA)	7/8/2005	4.0 - 4.5	<u>2.2</u>	122	0.84	60	<u>325</u>	0.022	<0.27	<0.16	NA
SB1 (BT ²)	3/19/2007	1-2.5	<u>6.9</u>	120	0.48	10	11	<0.012	<4.8	<0.13	NA
	3/19/2007	3.5-5	<u>5.7</u>	91	0.53	12	8.4	0.021	<5.0	<0.14	NA
HAB1 (BT ²)	7/6/2007	0.5-1.5	<u>5.4</u>	95	0.69	12	<u>320</u>	0.94	<0.51	<0.092	NA
HAB2 (BT ²)	7/6/2007	0.3-2.0	<u>4.7</u>	51	0.6	19	<u>110</u>	0.034 A	<1.0 C	<0.092	NA
HAB3 (BT ²)	7/6/2007	0.3-1.7	<u>7.8</u>	100	2.0	15	<u>430</u>	0.16	<0.53	0.14 Q	NA
NR 720 RCLs Non-Industrial			0.039	NE	8	(a)	50	NE	NE	NE	NE
NR 720 RCLs Industrial			1.6	NE	510	(a)	500	NE	NE	NE	NE

ABBREVIATIONS:

mg/kg = milligrams per kilogram or parts per million (ppm)

REA = Resource Engineering Associates

-- = Not Applicable

WEA = Williams Environmental Associates

NE = No Standard Established

Table C-1B
Soil Analytical Results Summary - VOCs
149 Waubesa / BTI Project #3320A
 (Results are in µg/kg, except where noted otherwise)

Sample	Date	Depth (feet)	Acetone	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	2-Butanone	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon Disulfide	Carbon Tetrachloride	Chlorobenzene	Chlorodibromomethane	Chloroethane	2-Chloroethyl vinyl ether	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	Dibromochloromethane	1,2-Dibromo-3-chloropropane	Dibromomethane
R-1 (Warzyn)	10/24/86	6.5	NA	<10	NA	NA	<10	<20	NA	NA	NA	NA	NA	NA	<10	<10	<10	<10	<200	<10	<10	NA	NA	NA	NA	NA
H7 (REA)	11/17/00	4	NA	<140	<300	NA	<260	NA	NA	NA	13,000	4,200	2,400	NA	<460	<240	<240	<440	NA	<500	<400	<220	<180	<240	<340	NA
B7 (REA)	11/17/00	8	NA	<25	<25	NA	<25	NA	NA	NA	<25	<25	<25	NA	<25	<25	<25	<25	NA	<25	<25	<25	<25	<25	<25	NA
B9 (REA)	11/17/00	4	NA	<25	<25	NA	<25	NA	NA	NA	<25	<25	<25	NA	<25	<25	<25	<25	NA	<25	<25	<25	<25	<25	<25	NA
B10 (REA)	11/17/00	4	NA	<25	<25	NA	<25	NA	NA	NA	<25	<25	<25	NA	<25	<25	<25	<25	NA	<25	<25	<25	<25	<25	<25	NA
B13 (REA)	11/17/00	2	NA	<25	<25	NA	<25	NA	NA	NA	<25	<25	<25	NA	<25	<25	<25	<25	NA	<25	<25	<25	<25	<25	<25	NA
0708A.01 (WEA)	07/08/05	0 - 0.5	<350	<5.8	<15	<16	<16	<16	<25	<240	<9.2	<8.1	<9.2	<33	<10	<14	<6.9	<18	NA	<10	<13	<5.8	<12	<6.9	<16	<10
0708A.02 (WEA)	07/08/05	4.0 - 4.5	<370	<6.1	<16	<17	<17	<17	<27	<260	<9.7	<8.5	<9.7	<35	<11	<15	<7.3	<19	NA	<11	<13	<6.1	<12	<7.3	<17	<11
0708A.03 (WEA)	07/08/05	8.0 - 8.5	<360	<6.1	<16	<17	<17	<17	<27	<250	<9.7	<8.5	<9.7	<35	<11	<15	<7.3	<19	NA	<11	<13	<6.1	<12	<7.3	<17	<11
0708B.01 (WEA)	07/08/05	0 - 0.5	<330	<5.5	<14	<15	<15	<15	<24	<230	<8.8	<7.7	<8.8	<32	<9.9	<13	<6.6	<18	NA	<9.9	<12	<5.5	<11	<6.6	<15	<9.9
0708B.02 (WEA)	07/08/05	4.0 - 4.5	<360	<6.0	<16	<17	<17	<17	<27	<250	<9.7	<8.5	<9.7	<35	<11	<15	<7.3	<19	NA	<11	<13	<6.0	<12	<7.3	<17	<11
0708C.01 (WEA)	07/08/05	0 - 0.5	<320	<5.4	<14	<15	<15	<15	<24	<220	<8.6	<7.5	<8.6	<31	<9.6	<13	<6.4	<17	NA	<9.6	<12	<5.4	<11	<6.4	<15	<9.6
0708C.02 (WEA)	07/08/05	4.0 - 4.5	<330	<5.6	<14	<16	<16	<16	<24	<230	<8.9	<7.8	<8.9	<32	<10	<13	<6.7	<18	NA	<10	<12	<5.6	<11	<6.7	<16	<10
0708D.01 (WEA)	07/08/05	0 - 0.5	<360	<6.0	<15	<17	<17	<17	<26	<250	20	10	<9.5	<35	<11	<14	<7.2	<19	NA	<11	<13	<6.0	<12	<7.2	<17	<11
0708D.02 (WEA)	07/08/05	4.0 - 4.5	<350	<5.9	<15	<17	<17	<17	<26	<250	<9.4	<8.3	<9.4	<34	<11	<14	<7.1	<19	NA	<11	<13	<5.9	<12	<7.1	<17	<11
0708PB.01 (WEA)	07/08/05	0 - 0.5	<320	<5.3	<14	<15	<15	<15	<23	<220	<8.5	<7.5	<8.5	<31	<9.6	<13	<6.4	<17	NA	<9.6	<12	<5.3	<11	<6.4	<15	<9.6
0708PB.02 (WEA)	07/08/05	4.0 - 4.5	<320	<5.4	<14	<15	<15	<15	<24	<230	<8.6	<7.5	<8.6	<31	<9.7	<13	<6.4	<17	NA	<9.7	<12	<5.4	<11	<6.4	<15	<9.7
SB1 (BTI)	03/19/07	1-2.5	NA	<30	<30	<42	<30	<30	<120	NA	<30	<30	<30	NA	<30	<30	<30	<50	NA	<30	<50	<50	<30	NA	<50	<30
	03/19/07	3.5-5	NA	<31	<31	<43	<31	<31	<120	NA	<31	<31	<31	NA	<31	<31	<31	<62	NA	<31	<62	<62	<31	NA	<62	<31
NR 720 Residual Contaminant Level (RCL)			NE	5.5	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
NR 746 Table 1			NE	8,500	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
NR 746 Table 2			NE	1,100	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE

ABBREVIATIONS

µg/kg = micrograms per kilogram or parts per billion (ppb)
 PID = Photo-Ionization Detector
 NA = Not Analyzed
 (Dup) = Duplicate

ppm = PID measured in ppm as isobutylene
 GRO = Gasoline Range Organics
 NE = Not Established

REA = Resource Engineering Associates
 WEA = Williams Environmental Associates

NOTES

NR 720 RCL - Wisconsin Administrative Code (WAC) Chapter NR 720 Residual Contaminant Level
 NR 746 Table 1 - WAC Chapter NR 746 96(2)(b) Table 1 - Indicators of Residual Petroleum Product in Soil Pores
 NR 746 Table 2 - WAC Chapter NR 746 96(2)(b) Table 2 - Protection of Human Health from Direct Contact with Contaminated Soil
 Bold/underlined values exceed NR 720 RCLs

LABORATORY NOTES/QUALIFIERS

LT = Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits

Table C-1B
Soil Analytical Results Summary - VOCs
149 Waubesa / BT¹ Project #3320A
 (Results are in µg/kg, except where noted otherwise)

Sample	Date	Depth (feet)	1,2-Difluoroethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethylene	cis-1,2-Dichloroethylene	trans-1,2-Dichloroethylene	1,2-Dichloropropane	1,3-Dichloropropane	1,1-Dichloropropene	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	2,2-Dichloropropane	Dichloroethyl ether	Ethylbenzene	Hexachlorobutadiene	2-Heptanone	Isopropylbenzene	Isopropyl ether	p-Isopropyltoluene
B-1 (Warzyn)	10/24/86	6.5	NA	<50	<50	<50	NA	<10	<10	<10	<10	<10	<10	NA	NA	NA	NA	NA	NA	<10	NA	NA	NA	NA	NA
B7 (REA)	11/17/00	4	<420	<240	<240	<240	<380	<420	<380	<300	<500	<380	<380	<440	NA	NA	NA	<430	<400	370	<400	NA	2,100	<400	4,400
B7 (REA)	11/17/00	8	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	NA	NA	NA	<25	<25	<25	<25	NA	<25	<25	<25
B9 (REA)	11/17/00	4	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	NA	NA	NA	<25	<25	<25	<25	NA	<25	<25	<25
B10 (REA)	11/17/00	4	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	NA	NA	NA	<25	<25	<25	<25	NA	<25	<25	<25
B13 (REA)	11/17/00	2	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	NA	NA	NA	<25	<25	<25	<25	NA	<25	<25	<25
0708A.01 (WEA)	07/08/05	0 - 0.5	<15	<5.8	<13	<10	<15	<15	<9.2	<15	<13	<18	<8.1	<13	<15	<17	<10	<12	<9.2	12	<15	<230	<13	NA	<15
0708A.02 (WEA)	07/08/05	4.0 - 4.5	<16	<6.1	<13	<11	<16	<16	<9.7	<16	<13	<19	<8.5	<13	<16	<18	<11	<12	<9.7	<8.5	<16	<230	<12	NA	<16
0708A.03 (WEA)	07/08/05	8.0 - 8.5	<16	<6.1	<13	<11	<16	<16	<9.7	<16	<13	<19	<8.5	<13	<16	<18	<11	<12	<9.7	<8.5	<16	<230	<13	NA	<16
0708B.01 (WEA)	07/08/05	0 - 0.5	<14	<5.5	<12	<9.9	<14	<14	<8.8	<14	<12	<18	<7.7	<12	<14	<17	<9.9	<11	<8.8	16	<14	<210	<12	NA	<14
0708B.02 (WEA)	07/08/05	4.0 - 4.5	<16	<6.0	<13	<11	<16	<16	<9.7	<16	<13	<19	<8.5	<13	<16	<18	<11	<12	<9.7	<8.5	<16	<230	<13	NA	<16
0708C.01 (WEA)	07/08/05	0 - 0.5	<14	<5.4	<12	<9.6	<14	<14	<8.6	<14	<12	<17	<7.5	<12	<14	<16	<9.6	<11	<8.6	8.2	<14	<200	<12	NA	<14
0708C.02 (WEA)	07/08/05	4.0 - 4.5	<14	<5.6	<12	<10	<14	<14	<8.9	<14	<12	<18	<7.8	<12	<14	<17	<10	<11	<8.9	<7.8	<14	<210	<12	NA	<14
0708D.01 (WEA)	07/08/05	0 - 0.5	<15	<6.0	<13	<11	<15	<15	<9.5	<15	<13	<19	<8.3	<13	<15	<18	<11	<12	<9.5	28	<15	<230	<13	NA	<15
0708D.02 (WEA)	07/08/05	4.0 - 4.5	<15	<5.9	<13	<11	<15	<15	<9.4	<15	<13	<19	<8.3	<13	<15	<18	<11	<12	<9.4	<8.3	<15	<220	<13	NA	<15
0708PB.01 (WEA)	07/08/05	0 - 0.5	<14	<5.3	<12	<9.6	<14	<14	<8.5	<14	<12	<17	<7.5	<12	<14	<16	<9.6	<11	<8.5	<7.5	<14	<200	<12	NA	<14
0708PB.02 (WEA)	07/08/05	4.0 - 4.5	<14	<5.4	<12	<9.7	<14	<14	<8.6	<14	<12	<17	<7.5	<12	<14	<16	<9.7	<11	<8.6	16	<14	<200	<12	NA	<14
SB1 (BT ¹)	03/19/07	1-2.5	<30	<30	<30	<30	<59 L1	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	NA	<30	<42	NA	<30	<30	<30
	03/19/07	3.5-5	<31	<31	<31	<31	<62 L1	<31	<31	<31	<31	<31	<31	<31	<31	<31	<31	<31	NA	<31	<43	NA	<31	<31	<31
NR 720 Residual Contaminant Level (RCL)			NE	NE	NE	NE	NE	NE	4.9	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	2,900	NE	N	NE	NE	NE
NR 746 Table 1			NE	NE	NE	NE	NE	NE	600	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	4,600	NE	NE	NE	NE	NE
NR 746 Table 2			NE	NE	NE	NE	NE	NE	540	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE

ABBREVIATIONS

µg/kg = micrograms per kilogram or parts per billion (ppb)
 DRO = Diesel Range Organics
 ND = Not Detected
 -- = Not Applicable

mg/kg = milligrams per kilogram or parts per million (ppm)
 GRO = Gasoline Range Organics
 NE = Not Established

PID = Photo-Ionization Detector
 NA = Not Analyzed
 (Dup) = Duplicate

REA = Resource Engineering Associates
 WEA = Williams Environmental Associates

NOTES

NR 720 RCL - Wisconsin Administrative Code (WAC), Chapter NR 720 Residual Contaminant Level
 NR 746 Table 1 - WAC, Chapter NR 746 06(2)(b) Table 1 - Indicators of Residual Petroleum Product in Soil Pores
 NR 746 Table 2 - WAC, Chapter NR 746 06(2)(b) Table 2 - Protection of Human Health from Direct Contact with Contaminated Soil
Bold-underlined values exceed NR 720 RCLs

LABORATORY NOTES/QUALIFIERS

L1 = Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits

Table C-18
Soil Analytical Results Summary - VOCs
149 Waubesa / BT² Project #3320A
(Results are in µg/kg, except where noted otherwise)

Sample	Date	Depth (feet)	Methyl-tert-butyl ether	4-Methyl-2-pentanone	Methylene Chloride	Naphthalene	n-Propylbenzene	Styrene	Tetrachloroethylene	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	Tetrahydrofuran	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethylene	Trichlorofluoro-methane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,2,5-Trimethylbenzene	Vinyl Chloride	Xylenes
B-1 (Warren)	10/24/86	6.5	NA	NA	<10	NA	NA	NA	<10	NA	NA	NA	<10	NA	NA	<10	NA	<10	NA	NA	NA	NA	<10	<10
B7 (REA)	11/17/00	4	<380	NA	<760	2,700	3,400	NA	<180	NA	<260	NA	<260	<480	<320	<400	<200	<440	<440	NA	14,000	5,200	<280	930
B7 (REA)	11/17/00	8	<0.028	NA	<0.038	<25	<25	NA	<25	NA	<25	NA	<25	<25	<25	<25	<25	<25	<25	NA	<25	<25	<25	<25
B9 (REA)	11/17/00	4	<0.028	NA	240 B	81	<25	NA	<25	NA	<25	NA	<25	<25	<25	<25	<25	<25	<25	NA	<25	<25	<25	<25
B10 (REA)	11/17/00	4	<0.028	NA	100 B	<25	<25	NA	<25	NA	<25	NA	<25	<25	<25	<25	<25	<25	<25	NA	<25	<25	<25	<25
B13 (REA)	11/17/00	2	<0.028	NA	230 B	<25	<25	NA	<25	NA	<25	NA	<25	<25	<25	<25	<25	<25	<25	NA	<25	<25	<25	<25
0708A.01 (WEA)	07/08/05	0 - 0.5	<6.9	<140	<29	2,200	11	<9.2	<15	<14	<9.2	<180	<8.1	<15	<13	15	<14	<17	<12	<20	130	100	<13	145
0708A.02 (WEA)	07/08/05	4.0 - 4.5	<7.3	<150	<30	<15	<6.1	<9.7	<16	<15	<9.7	<190	<8.5	<16	<13	<11	<15	<18	<12	<21	<9.7	<9.7	<13	<38
0708A.03 (WEA)	07/08/05	8.0 - 8.5	<7.3	<150	<30	<15	<6.1	<9.7	<16	<15	<9.7	<190	<8.5	<16	<13	<11	<15	<18	<12	<21	<9.7	<9.7	<13	<38
0708B.01 (WEA)	07/08/05	0 - 0.5	<6.6	<130	<28	<13	<5.5	<8.8	<14	<13	<8.8	<180	9.2	<14	<12	<9.9	<13	<17	<11	<19	22	<8.8	<12	70
0708B.02 (WEA)	07/08/05	4.0 - 4.5	<7.3	<150	<30	<15	<6.0	<9.7	<16	<15	<9.7	<190	<8.5	<16	<13	<11	<15	<18	<12	<21	<9.7	<9.7	<13	<38
0708C.01 (WEA)	07/08/05	0 - 0.5	<6.4	<130	<27	180	5.6	<8.6	<14	<13	<8.6	<170	23	<14	<12	<9.6	<13	<16	<11	<18	24	<8.6	<12	71
0708C.02 (WEA)	07/08/05	4.0 - 4.5	<6.7	<130	<28	44	<5.6	<8.9	<14	<13	<8.9	<180	<7.8	<14	<12	<10	<13	<17	<11	<19	<8.9	<8.9	<12	<34
0708D.01 (WEA)	07/08/05	0 - 0.5	<7.2	<140	<30	220	21	<9.5	<15	<14	<9.5	<190	23	<15	<13	<11	<14	<18	<12	<20	46	26	<13	140
0708D.02 (WEA)	07/08/05	4.0 - 4.5	<7.1	<140	<29	84	<5.9	<9.4	<15	<14	<9.4	<190	9.6	<15	<13	<11	<14	<18	<12	<20	10	<9.4	<13	<36
0708PB.01 (WEA)	07/08/05	0 - 0.5	<6.4	<130	<27	540	<5.3	<8.5	<14	<13	<8.5	<170	11	<14	<12	<9.6	<13	<16	<11	<18	<8.5	<8.5	<12	<33
0708PB.02 (WEA)	07/08/05	4.0 - 4.5	<6.4	<130	<27	<13	13	<8.6	<14	<13	<8.6	<170	13	<14	<12	<9.7	<13	<16	<11	<18	33	22	<12	72
SBI (BT ²)	03/19/07	1-2.5	<30	NA	<59	<59	<30	<30	<30	<30	NA	NA	<30	<30	<30	<30	<42	<30	<30	<59	<30	<30	<42	<100
	03/19/07	3.5-5	<31	NA	<62	<62	<31	<31	<31	<31	NA	NA	<31	<31	<31	<31	<43	<31	<31	<62	<31	<31	<43	<110
NR 720 Residual Contaminant Level (RCL)			NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	1,500	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	4,100
NR 746 Table 1			NE	NE	NE	2,700	NE	NE	NE	NE	NE	NE	38,000	NE	NE	NE	NE	NE	NE	NE	83,000	11,000	NE	42,000
NR 746 Table 2			NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE

ABBREVIATIONS

µg/kg = micrograms per kilogram or parts per billion (ppb)
DRO = Diesel Range Organics
ND = Not Detected
-- = Not Applicable

mg/kg = milligrams per kilogram or parts per million (ppm)
GRO = Gasoline Range Organics
NE = Not Established

PID = Photo-Ionization Detector
NA = Not Analyzed
(Dup) = Duplicate

REA = Resource Engineering Associates
WEA = Williams Environmental Associates

NOTES

NR 720 RCL - Wisconsin Administrative Code (WAC), Chapter NR 720 Residual Contaminant Level
NR 746 Table 1 - WAC, Chapter NR 746.06(2)(b) Table 1 - Indicators of Residual Petroleum Product in Soil Pores
NR 746 Table 2 - WAC, Chapter NR 746.06(2)(b) Table 2 - Protection of Human Health from Direct Contact with Contaminated Soil
Bold-underline values exceed NR 720 RCLs

LABORATORY NOTES/QUALIFIERS

L1 = Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits

Created by: EO Date: 06/05/08
Last revision by: TLR Date: 08/06/08
Checked by: EO Date: 09/08/08

I:\3320-Tables-General\Soil_VOCs_Full_List_W1.xls\Soil VOCs

Table C-1C
Soil Analytical Results Summary - PAHs
Atwood Community Center / BT² Project #3320
 (Results are in µg/kg, except where noted otherwise)

Sample	Date	Depth (feet)	Lab Notes	Acenaph-thene	Acenaph-thylene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)pyrene	Benzo(ghi)perylene	Chrysene	Dibenzo(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	1-Methyl-naphthalene	2-Methyl-naphthalene	Naphthalene	Phenanthrene	Pyrene
0708A.01 (WEA)	7/8/2005	0 - 0.5	(I)	55,000	<5,800	8,800 P	24,000	31,000	12,000	28,000	27,000	37,000 P	<3,500	88,000 P	8,700 P	16,000	<6,900	<6,900	<13,000	50,000	88,000
0708A.02 (WEA)	7/8/2005	4.0 - 4.5	(I)	<120	<120	<24	370	620	230	540	530	430 P	<73	840 P	<49	320	<150	<150	<270	<24	680
0708A.03 (WEA)	7/8/2005	8.0 - 8.5	(I)	<6.1	<6.1	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<3.6	3.5 P	<2.4	<1.2	<7.3	<7.3	16	<1.2	<2.4
0708B.01 (WEA)	7/8/2005	0 - 0.5	(I)	3,900 P	<1,100	900 P	2,500	2,700	1,300	3,500	2,600	3,600 P	1,800 P	12,000	920 P	2,200	<1,300	<1,300	<2,400	9,000	11,000 P
0708B.02 (WEA)	7/8/2005	4.0 - 4.5	(I)	<61	<61	<12	43	170	72	160	140	24 P	<37	320 P	<24	130	<73	<73	<130	100	170
0708C.01 (WEA)	7/8/2005	0 - 0.5	(I)	7,400	<540	<110	2,000	3,300	1,300	3,900	3,600	2,800 P	<320	7,600 P	670 P	<110	<640	<640	<1,200	3,900	6,100
0708C.02 (WEA)	7/8/2005	4.0 - 4.5	--	2,500 P	<560	<110	1,600	2,600	<110	3,200	<110	2,100 P	<330	<110	<220	<110	<670	<670	<1,200	1,700	3,900
0708D.01 (WEA)	7/8/2005	0 - 0.5	(I)	<300	<300	<60	530	730	270	830	1,100	790 P	610 P	2,200 P	<120	<60	<360	<360	<660	1,300	2,100
0708D.02 (WEA)	7/8/2005	4.0 - 4.5	(I)	<300	<300	<60	390	520	230	650	760	500 P	390 P	1,600 P	<120	<60	<360	<360	<660	780	1,400
0708PB.01 (WEA)	7/8/2005	0 - 0.5	(I)	<110	<110	<22	42	84	<22	110	430	<22	76	470 P	<43	<22	<130	<130	<240	350	260 P
0708PB.02 (WEA)	7/8/2005	4.0 - 4.5	(I)	<110	<110	<21	340 P	430	<21	300	<21	<21	<64	420 P	<43	<21	<130	<130	<240	270 P	1,100 P
SD1 (BT ²)	3/19/2007	1-2.5	--	<59	<100	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<8.9	<12	<12	<5.9	<36	<30	<36	<5.9	<5.9
	3/19/2007	3.5-5	--	<62	<110	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<9.3	<12	<12	<6.2	<37	<31	<37	<6.2	<6.2
HAB1 (BT2)	7/6/2007	0.5-1.5	--	10 Q	7.7 Q	39	56	57	51	55	49	71	13	150	6.4 Q	27	60	72	30	190	110
HAB2 (BT2)	7/6/2007	0.3-2.0	--	6.5 Q	10 Q	51	84	83	67	81	66	110	27	160	6.8 Q	35	140	220	93	300	220
HAB3 (BT ²)	7/6/2007	0.3-1.7	--	1,300	570 Q	4,900	13,000	12,000	13,000	12,000	5,400	14,000	2,200	38,000	1,400	5,200	360 Q	300 Q	630 Q	22,000	23,000
WDNR PAH Soil Generic Residual Contaminant Levels (RCLs) (Interim Guidance - April 1997)																					
Groundwater Pathway				38,000	700	3,000,000	17,000	360,000	870,000	48,000	6,800,000	37,000	38,000	500,000	100,000	680,000	23,000	20,000	400	1,800	8,700,000
Non-Industrial Direct Contact				900,000	18,000	5,000,000	88	88	880	8.8	1,800	8,800	8.8	600,000	600,000	88	1,100,000	600,000	20,000	18,000	500,000
Industrial Direct Contact				60,000,000	360,000	300,000,000	3,900	3,900	39,000	390	39,000	390,000	390	40,000,000	40,000,000	3,900	70,000,000	40,000,000	110,000	390,000	30,000,000

ABBREVIATIONS:

µg/kg = micrograms per kilogram or parts per billion (ppb)
 PAHs = Polynuclear Aromatic Hydrocarbons
 REA = Resource Engineering Associates

-- = Not Applicable
 WDNR = Wisconsin Department of Natural Resources
 WEA = Williams Environmental Associates

NOTES

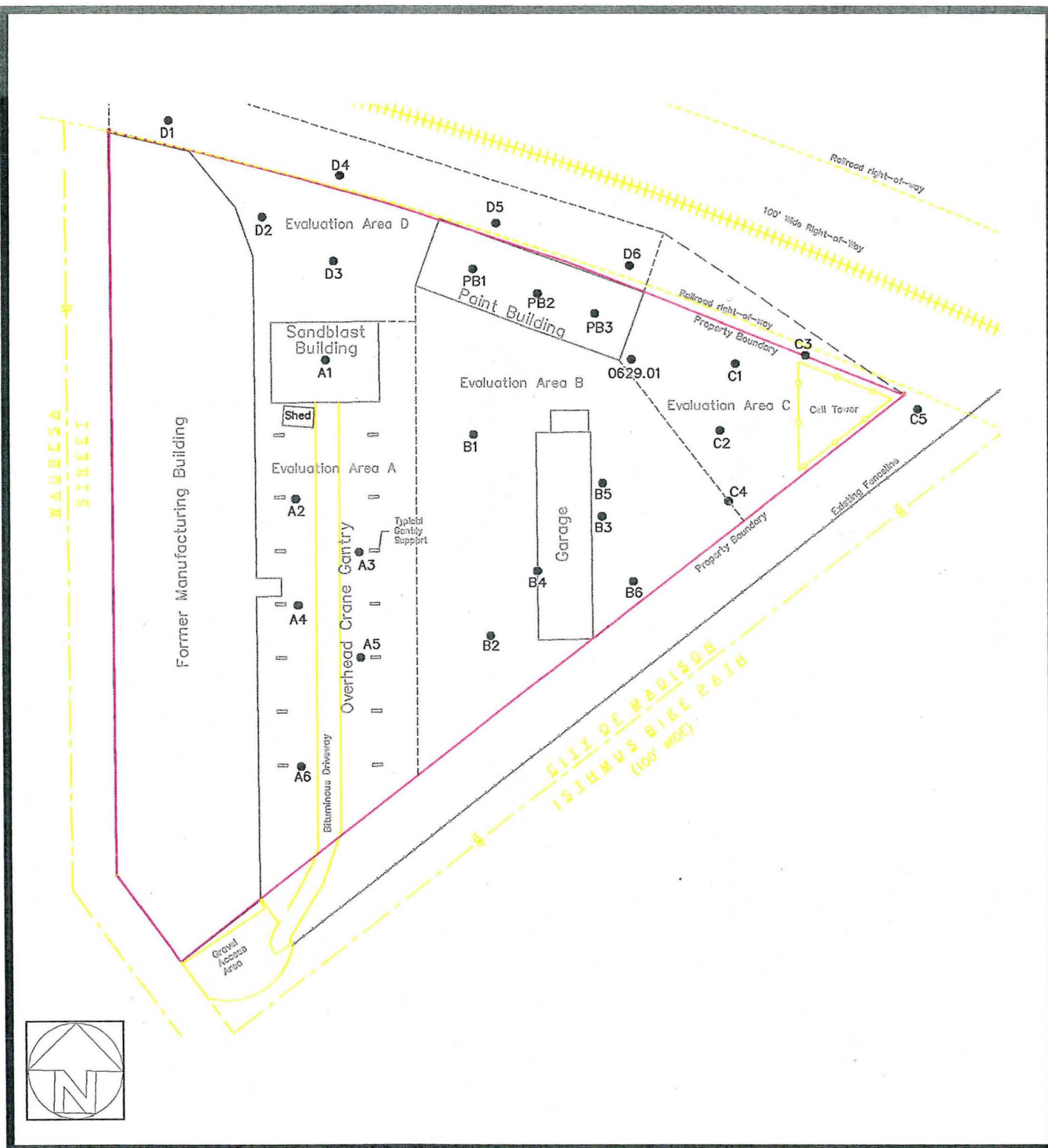
Bold results exceed generic RCLs for non-industrial direct contact.

LABORATORY NOTES/QUALIFIERS:

P = Concentration of analyte differs more than 40% between primary and confirmation analysis.
 Q = The analyte has been detected between the limit of detection (LOD) and the limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
 (1) All Analytes - Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference.

Created by: LMI Date: 4/6/2007
 Last revision by: TLR Date: 8/6/2008
 Checked by: EO Date: 9/8/2008

I:\3320 Tables-General\Soil_PAHs.xls\Soil PAHs



WILLIAMS
ENVIRONMENTAL
ASSOCIATES Inc.

Client: Atwood Community Center

Base Map: Burse Surveying and Engineering, Survey drawing of Ironworks Property, March 2, 2001.

Environmental Sampling

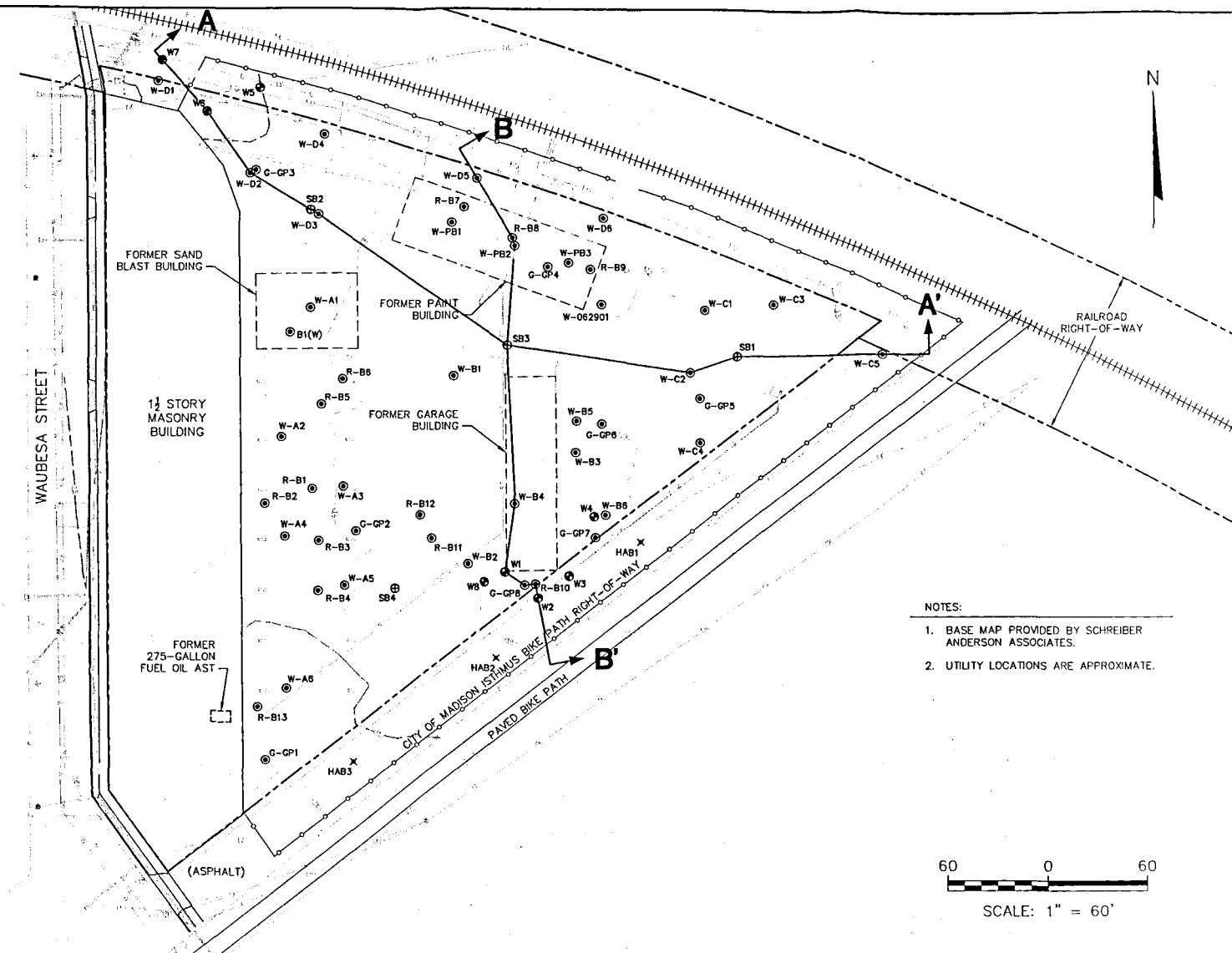
**Ironworks Property
149 Waubesa Street
Madison, Wisconsin**

Figure 2

Soil Sample Locations
(Approx. Scale: 1" = 80')

August 14, 2005

- LEGEND
- PROPERTY LINE/RIGHT-OF-WAY
 - - - - - EXISTING GRADE (1' CONTOUR)
 - +++++ RAILROAD TRACKS
 - ○ ○ ○ ○ FENCE (REMOVED)
 - ELECTRIC
 - FIBER OPTIC
 - GAS MAIN
 - OVERHEAD UTILITY
 - SANITARY SEWER
 - STORM SEWER
 - TELEPHONE
 - WATER MAIN
 - ⊕ SB1 BT² GEOTECH BORING
 - × HAB1 BT² HAND AUGER BORING
 - ⊙ G-GP5 SOIL BORING (GANNETT FLEMING)
 - ⊙ R-B1 SOIL BORING (REA)
 - ⊙ W-B1 SOIL BORING (WILLIAMS)
 - ⊙ B1(W) SOIL BORING (WARZYN)
 - ⊙ W4 MONITORING WELL (WARZYN)



- NOTES:
1. BASE MAP PROVIDED BY SCHREIBER ANDERSON ASSOCIATES.
 2. UTILITY LOCATIONS ARE APPROXIMATE.

PROJECT NO. 3320	DRAWN BY: KRG/KP	ENGINEER: BT ² Inc.	2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830 FAX: (608) 224-2839	CLIENT: GOODMAN COMMUNITY CENTER 149 WAUBESA STREET MADISON, WISCONSIN 53704 PHONE: (608) 241-1574	GOODMAN COMMUNITY CENTER 149 WAUBESA STREET MADISON, WISCONSIN	PRE-REMEDIAL SOIL SAMPLE LOCATIONS	FIGURE C-2
------------------	------------------	--------------------------------	--	---	--	------------------------------------	------------

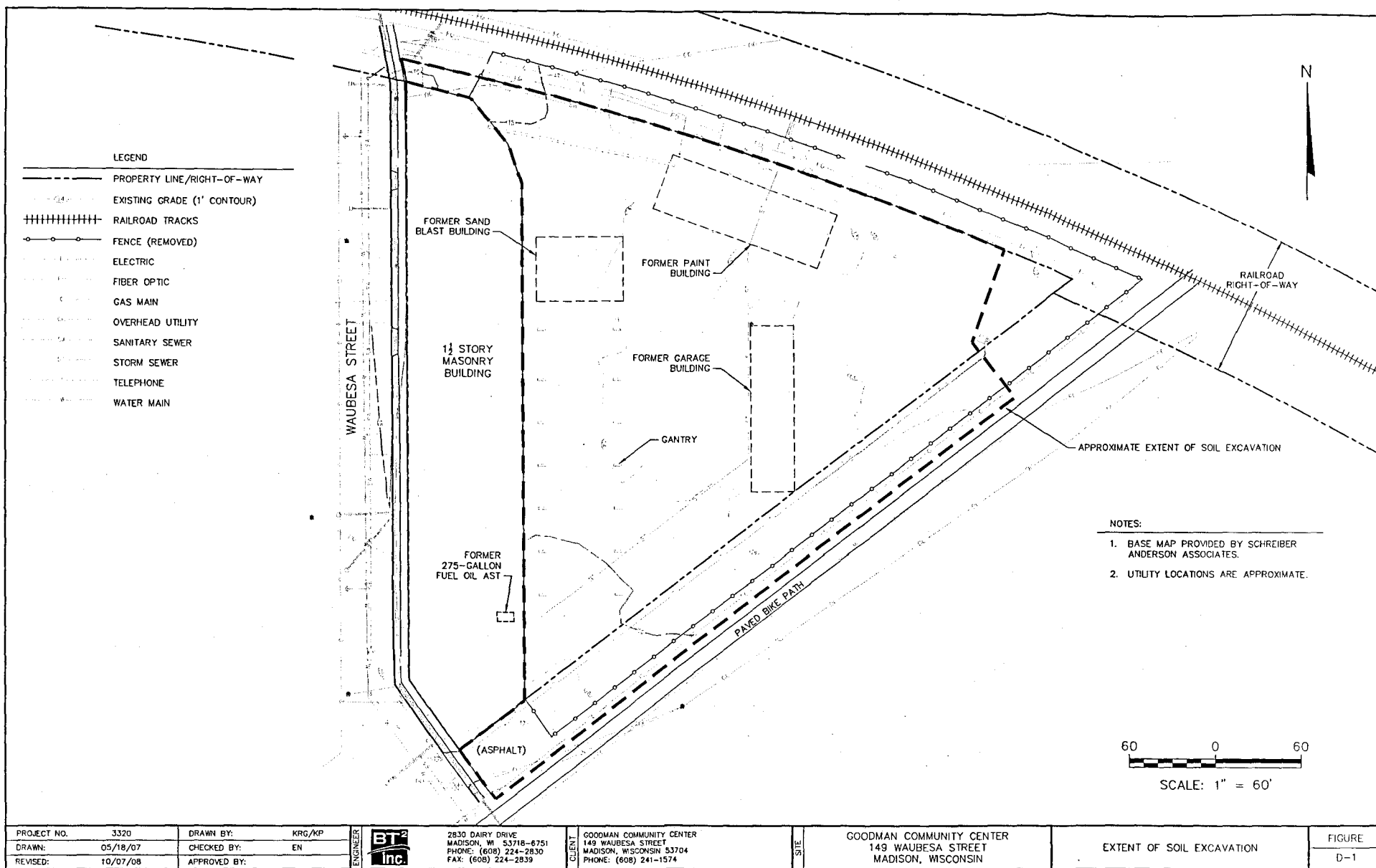


Table E-1A
Groundwater Analytical Results Summary - VOCs
Goodman Community Center / BT³ Project #3320
(Results are in µg/l)

Sample	Date	DRO (mg/l)	GRO	Benzene	Bromobenzene	Bromodichloro- methane	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon Tetrachloride	Chlorobenzene	Chloroethane	2-Chloroethyl vinyl ether	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	Dibromochloro- methane	1,2-Dibromo-3- Chloropropane (DBCP)
Warzyn Monitoring Wells																			
W-1 Dup	10/31/86	NA	NA	369	NA	<1.0	NA	NA	NA	<1.0	28	<1.0	146	<1.0	<1.0	NA	NA	<1.0	NA
	03/25/87	NA	NA	1220	NA	<200	NA	NA	NA	<200	<200	<200	<4,000	<200	<200	NA	NA	NA	NA
	10/31/86	NA	NA	379	NA	<1.0	NA	NA	NA	<1.0	23	<1.0	190	<1.0	<1.0	NA	NA	<1.0	NA
W-2	10/31/86	NA	NA	<1.0	NA	<1.0	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	<1.0	NA
W-3	10/31/86	NA	NA	<1.0	NA	<1.0	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	<1.0	NA
	03/25/87	NA	NA	3.4	NA	<1.0	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA
	05/15/87	NA	NA	1.93	NA	<1.0	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA
W-4	10/31/86	NA	NA	<1.0	NA	<1.0	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA
W-5	10/31/86	NA	NA	<1.0	NA	<1.0	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA
	11/21/86	5.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/25/87	3.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/15/87	1.77	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
W-6	10/31/86	NA	NA	<1.0	NA	<1.0	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA
	11/21/86	0.036 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
W-7	10/31/86	NA	NA	<1.0	NA	<1.0	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA
	11/21/86	0.018 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
W-8	05/18/87	NA	NA	<1.0	NA	<1.0	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA
Gannett Fleming Geoprobe Borings																			
GP-1	04/28/01	NA	NA	<0.21	<0.21	<0.24	<0.13	<0.21	<0.20	<0.24	<0.19	<0.42	NA	<0.23	<0.63	<0.28	<0.28	<0.22	<0.62
GP-2	04/28/01	NA	NA	0.22 J	<0.21	<0.24	<0.13	<0.21	<0.20	<0.24	<0.19	<0.42	NA	<0.23	<0.63	<0.28	<0.28	<0.22	<0.62
GP-3	04/28/01	NA	NA	0.35 J	<0.21	<0.24	0.31 J	0.75	<0.20	<0.24	<0.19	<0.42	NA	<0.23	<0.63	<0.28	<0.28	<0.22	<0.62
GP-4	04/28/01	NA	NA	<0.21	<0.21	<0.24	<0.13	<0.21	<0.20	<0.24	<0.19	<0.42	NA	<0.23	<0.63	<0.28	<0.28	<0.22	<0.62
GP-5	04/28/01	NA	NA	<0.21	<0.21	<0.24	<0.13	0.63 J	<0.20	<0.24	<0.19	<0.42	NA	<0.23	<0.63	<0.28	<0.28	<0.22	<0.62

Table E-1A
Groundwater Analytical Results Summary - VOCs
Goodman Community Center / BT² Project #3320
(Results are in µg/l)

Sample	Date	DRO (mg/l)	GRO	Benzene	Bromobenzene	Bromodichloro- methane	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon Tetrachloride	Chlorobenzene	Chloroethane	2-Chloroethyl vinyl ether	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	Dibromochloro- methane	1,2-Dibromo-3- Chloropropane (DBCP)
GP-6	04/28/01	NA	NA	<0.21	<0.21	<0.24	<0.13	<0.21	<0.20	<0.24	<0.19	<0.42	NA	<0.23	<0.63	<0.28	<0.28	<0.22	<0.62
GP-7	04/28/01	NA	NA	<0.21	<0.21	<0.24	<0.13	<0.21	<0.20	<0.24	<0.19	<0.42	NA	<0.23	<0.63	<0.28	<0.28	<0.22	<0.62
GP-8	04/28/01	NA	NA	0.26 J	<0.21	<0.24	<0.13	<0.21	<0.20	<0.24	<0.19	<0.42	NA	<0.23	<0.63	<0.28	<0.28	<0.22	<0.62
Rinsate Blank	10/31/86	NA	NA	<1.0	NA	<1.0	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA
Field Blank	10/31/86	NA	NA	<1.0	NA	<1.0	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA
Trip Blank	10/31/86	NA	NA	<1.0	NA	<1.0	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA
	03/25/87	NA	NA	<1.0	NA	<1.0	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA
	05/15/87	NA	NA	<1.0	NA	<1.0	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA
	04/28/01	NA	NA	<0.21	<0.21	<0.24	<0.13	<0.21	<0.20	<0.24	<0.19	<0.42	NA	<0.23	<0.63	<0.28	<0.28	<0.22	<0.62
NR 140 Enforcement Standards		NE	NE	5	NE	0.6	NE	NE	NE	5	NE	400		6	3	NE	NE	60	0.2
NR 140 Preventive Action Limits		NE	NE	0.5	NE	0.06	NE	NE	NE	0.5	NE	80		0.6	0.3	NE	NE	6	0.02

ABBREVIATIONS:

µg/l = micrograms per liter or parts per billion (ppb)
TMBs = 1,2,4- and 1,3,5-trimethylbenzenes
VOCs = Volatile Organic Compounds
ND = Not Detected

DRO = Diesel Range Organics
MTBE = Methyl-tert-butyl ether
NA = Not Analyzed
(Dup) = Duplicate

GRO = Gasoline Range Organics
PVOCs = Petroleum Volatile Organic Compounds
NE = No Standard Established
-- = Not Applicable

NOTES:

NR 140 Enforcement Standards - Wisconsin Administrative Code (WAC), Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards.

NR 140 Preventive Action Limits - WAC, Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards.

Bold+underlined values meet or exceed NR 140 enforcement standards.

Italic+underlined values meet or exceed NR 140 preventive action limits.

I:\3320\Tables-General\GW_VOCs_Full_List1.xls\GW VOCs

Table E-1A
Groundwater Analytical Results Summary - VOCs
Goodman Community Center / BT² Project #3320
(Results are in µg/l)

Sample	Date	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethylene	cis-1,2-Dichloroethylene	trans-1,2-Dichloroethylene	1,2-Dichloropropane	1,3-Dichloropropane	2,2-Dichloropropane	Ethylbenzene	Hexachlorobutadiene	Isopropylbenzene	Isopropyl Ether
Warzyn Monitorin Wells																		
W-1	10/31/86	NA	<5.0	<5.0	<5.0	NA	<1.0	<u>2.4</u>	<1.0 J	<1.0	<1.0	<1.0	<1.0	NA	88	NA	NA	NA
	03/25/87	NA	<1,000	<1,000	<1,000	NA	<200	<200	<200	<200	<200	<200	<200	NA	<u>2,090</u>	NA	NA	NA
	10/31/86	NA	<5.0	<5.0	<5.0	NA	<1.0	<u>1.5</u>	<1.0	<1.0	<1.0	<1.0	<1.0	NA	69	NA	NA	NA
Dup	10/31/86	NA	<5.0	<5.0	<5.0	NA	<1.0	<u>1.5</u>	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA
W-2	10/31/86	NA	<5.0	<5.0	<5.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA
W-3	10/31/86	NA	<5.0	<5.0	<5.0	NA	<1.0	<u>1.5</u>	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA
	03/25/87	NA	<5.0	<5.0	<5.0	NA	<1.0	<1.0 J	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA
	05/15/87	NA	<5.0	<5.0	<5.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA
W-4	10/31/86	NA	<5.0	<5.0	<5.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA
W-5	10/31/86	NA	<5.0	<5.0	<5.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA
	11/21/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/25/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/15/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
W-6	10/31/86	NA	<5.0	<5.0	<5.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA
	11/21/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
W-7	10/31/86	NA	<5.0	<5.0	<5.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA
	11/21/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
W-8	05/18/87	NA	<5.0	<5.0	<5.0	NA	<1.0	<1.0 J	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA
Gannett Fleming Geoprobe Borings																		
GP-1	04/28/01	<0.1	<0.19	<0.2	<0.2	<0.39	<0.24	<0.23	<0.27	<0.21	<0.25	<0.24	NA	<0.34	<0.22	<0.21	<0.19	<0.2
GP-2	04/28/01	<0.1	<0.19	<0.2	<0.2	<0.39	<0.24	<0.23	<0.27	<0.21	<0.25	<0.24	NA	<0.34	<0.22	<0.21	<0.19	<0.2
GP-3	04/28/01	<0.1	<0.2	<0.2	<0.2	<0.39	<0.24	<0.23	<0.27	<0.21	<0.25	<0.24	NA	<0.34	<0.22	<0.21	<0.19	<0.2
GP-4	04/28/01	<0.1	<0.2	<0.2	<0.2	<0.39	<0.24	<0.23	<0.27	<0.21	<0.25	<0.24	NA	<0.34	<0.22	<0.21	<0.19	<0.2
GP-5	04/28/01	<0.1	<0.2	<0.2	<0.2	<0.39	<0.24	<0.23	<0.27	<0.21	<0.25	<0.24	NA	<0.34	<0.22	<0.21	<0.19	<0.2

Table E-1A
Groundwater Analytical Results Summary - VOCs
Goodman Community Center / BT² Project #3320
(Results are in µg/l)

Sample	Date	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethylene	cis-1,2-Dichloroethylene	trans-1,2-Dichloroethylene	1,2-Dichloropropane	1,3-Dichloropropane	2,2-Dichloropropane	Ethylbenzene	Hexachlorobutadiene	Isopropylbenzene	Isopropyl Ether
GP-6	04/28/01	<0.1	<0.2	<0.2	<0.2	<0.39	<0.24	<0.23	<0.27	<0.21	<0.25	<0.24	NA	<0.34	<0.22	<0.21	<0.19	<0.2
GP-7	04/28/01	<0.1	<0.2	<0.2	<0.2	<0.39	<0.24	<0.23	<0.27	<0.21	<0.25	<0.24	NA	<0.34	<0.22	<0.21	<0.19	<0.2
GP-8	04/28/01	<0.1	<0.2	<0.2	<0.2	<0.39	<0.24	<0.23	<0.27	<0.21	<0.25	<0.24	NA	<0.34	<0.22	<0.21	<0.19	<0.2
Rinsate Blank	10/31/86	NA	<5.0	<5.0	<5.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA
Field Blank	10/31/86	NA	<5.0	<5.0	<5.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA
Trip Blank	10/31/86	NA	<5.0	<5.0	<5.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA
	03/25/87	NA	<5.0	<5.0	<5.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA
	05/15/87	NA	<5.0	<5.0	<5.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA
	04/28/01	<0.1	<0.2	<0.2	<0.2	<0.39	<0.24	<0.23	<0.27	<0.21	<0.25	<0.24	NA	<0.34	<0.22	<0.21	<0.19	<0.2
NR 140 Enforcement Standards		0.05	600	1,250	75	1,000	850	5	7	70	100	5	NE	NE	700	NE	NE	NE
NR 140 Preventive Action Limits		0.005	60	125	15	200	85	0.5	0.7	7	20	0.5	NE	NE	140	NE	NE	NE

ABBREVIATIONS:

µg/l = micrograms per liter or parts per billion (ppb)
TMBs = 1,2,4- and 1,3,5-trimethylbenzenes
VOCs = Volatile Organic Compounds
ND = Not Detected

DRO = Diesel Range Organics
MTBE = Methyl-tert-butyl ether
NA = Not Analyzed
(Dup) = Duplicate

GRO = Gasoline Range Organics
PVOs = Petroleum Volatile Organic Compounds
NE = No Standard Established
-- = Not Applicable

NOTES:

NR 140 Enforcement Standards - Wisconsin Administrative Code (WAC), Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards.

NR 140 Preventive Action Limits - WAC, Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards.

Bold+underlined values meet or exceed NR 140 enforcement standards.

Italic+underlined values meet or exceed NR 140 preventive action limits.

I:\3320\Tables-General\GW_VOCs_Full_List.xls\GW VOCs

Table E-1A
Groundwater Analytical Results Summary - VOCs
Goodman Community Center / BT² Project #3320
 (Results are in µg/l)

Sample	Date	p-Isopropyltoluene	MTBE	Methylene Chloride	Naphthalene	n-Propylbenzene	Tetrachloroethylene (PCE)	1,1,2,2-Tetrachloroethane	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethylene (TCE)	Trichlorofluoromethane	TMBs	Vinyl Chloride	Xylenes
Warzyn Monitorin Wells																		
W-1	10/31/86	NA	NA	<20	NA	NA	<1.0 J	<1.0	<u>1,340</u>	NA	NA	<1.0 J	<1.0	<1.0	NA	NA	<1.0	<u>2,890</u>
	03/25/87	NA	NA	<4,000	NA	NA	<200	<200	<u>8,430</u>	NA	NA	NA	<200	<200	NA	NA	<200	<u>7,820</u>
	Dup 10/31/86	NA	NA	<20	NA	NA	<1.0	<1.0	<u>1,240</u>	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<u>3,070</u>
W-2	10/31/86	NA	NA	<20	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0
W-3	10/31/86	NA	NA	<20	NA	NA	<1.0 J	<1.0	<1.0	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0
	03/25/87	NA	NA	<20	NA	NA	<1.0	<1.0	<u>1.8</u>	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0
	05/15/87	NA	NA	<20	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0
W-4	10/31/86	NA	NA	<20	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0	<u>1.6</u>	NA	NA	<1.0	<1.0
W-5	10/31/86	NA	NA	<20	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0
	11/21/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/25/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/15/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
W-6	10/31/86	NA	NA	<20	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0
	11/21/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
W-7	10/31/86	NA	NA	<20	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0
	11/21/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
W-8	05/18/87	NA	NA	<20	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0
Gannett Fleming Geoprobe Borings																		
GP-1	04/28/01	<0.16	<0.46	<0.22	<0.69	<0.18	<u>14</u>	<0.25	<0.41	<0.13	<0.15	<u>0.4 J</u>	<0.22	<0.24	<0.42	<0.60	<0.25	<0.69
GP-2	04/28/01	<0.16	<0.46	<0.22	<0.69	<0.18	<0.22	<0.25	<0.41	<0.13	<0.15	<0.26	<0.22	<0.24	<0.42	<0.60	<0.25	<0.69
GP-3	04/28/01	<0.16	<0.46	<0.22	<0.69	<u>0.2 J</u>	<0.22	<0.25	<u>1.2 J</u>	<0.13	<0.15	<0.26	<0.22	<0.24	<0.42	<u>0.49 J</u>	<0.25	<u>1.88 J</u>
GP-4	04/28/01	<0.16	<0.46	<0.22	<0.69	<0.18	<0.22	<0.25	<0.41	<0.13	<0.15	<0.26	<0.22	<0.24	<0.42	<0.60	<0.25	<0.69
GP-5	04/28/01	<0.16	<0.46	<0.22	<0.69	<0.18	<u>1.4</u>	<0.25	<0.41	<0.13	<0.15	<0.26	<0.22	<u>0.55 J</u>	<0.42	<0.60	<0.25	<0.69

Table E-1A
Groundwater Analytical Results Summary - VOCs
Goodman Community Center / BT² Project #3320
 (Results are in µg/l)

Sample	Date	p-Isopropyltoluene	MTBE	Methylene Chloride	Naphthalene	n-Propylbenzene	Tetrachloroethylene (PCE)	1,1,2,2-Tetrachloroethane	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethylene (TCE)	Trichlorofluoromethane	TMBs	Vinyl Chloride	Xylenes
GP-6	04/28/01	<0.16	<0.46	<0.22	<0.69	<0.18	<0.22	<0.25	<0.41	<0.13	<0.15	<0.26	<0.22	<0.24	<0.42	<0.60	<0.25	<0.69
GP-7	04/28/01	<0.16	<0.46	<0.22	<0.69	<0.18	<u>3.8</u>	<0.25	<0.41	<0.13	<0.15	<0.26	<0.22	<0.24	<0.42	<0.60	<0.25	<0.69
GP-8	04/28/01	<0.16	<0.46	<0.22	<0.69	<0.18	<u>1.3</u>	<0.25	<0.41	<0.13	<0.15	<0.26	<0.22	<0.24	<0.42	<0.60	<0.25	<0.69
Rinsate Blank	10/31/86	NA	NA	<20	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0
Field Blank	10/31/86	NA	NA	<20	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0
Trip Blank	10/31/86	NA	NA	<20	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0
	03/25/87	NA	NA	<20	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0
	05/15/87	NA	NA	<20	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0
	04/28/01	<0.16	<0.46	<0.22	<0.69	<0.18	<0.22	<0.25	<0.41	<0.13	<0.15	<0.26	<0.22	<0.24	<0.42	<0.60	<0.25	<0.69
NR 140 Enforcement Standards		NE	60	5	100	NE	5	0.2	1,000	NE	70	200	5	5	3,490	480	0.2	10,000
NR 140 Preventive Action Limits		NE	12	0.5	10	NE	0.5	0.02	200	NE	14	40	0.5	0.5	698	96	0.02	1,000

ABBREVIATIONS:

µg/l - micrograms per liter or parts per-billion (ppb)
 TMBs = 1,2,4- and 1,3,5-trimethylbenzenes
 VOCs = Volatile Organic Compounds
 ND = Not Detected

DRO = Diesel Range Organics
 MTBE = Methyl-tert-butyl ether
 NA = Not Analyzed
 (Dup) = Duplicate

GRO = Gasoline Range Organics
 PVOCs = Petroleum Volatile Organic Compounds
 NE = No Standard Established
 -- = Not Applicable

Created by: EO
 Last revision by: TLR
 Checked by: EO
 Date: 08/04/08
 Date: 09/11/08
 Date: 09/08/08

I:\3320\Tables-General\GW_VOCs_Full_List1.xls\GW VOCs

NOTES:

NR 140 Enforcement Standards - Wisconsin Administrative Code (WAC), Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards.
 NR 140 Preventive Action Limits - WAC, Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards.
Bold+underlined values meet or exceed NR 140 enforcement standards.
Italic+underlined values meet or exceed NR 140 preventive action limits.

LABORATORY NOTES/QUALIFIERS:

J = J = Results reported between the Method Detection Limit (MDL) and Limit of Quantitation (LOQ) are less certain than results at or above the LOQ.

Table E-1B
Groundwater Analytical Results Summary - Metals
Atwood Community Center / BT² Project #3320
(Results are in µg/l)

Sample	Date	Lab Notes	Arsenic	Lead
GP-1	4/28/2001	--	2.8 J	<u>7.3</u>
GP-2	4/28/2001	--	<1	<1
GP-3	4/28/2001	--	1.7 J	<u>1.9</u> J
GP-4	4/28/2001	--	1.2 J	<u>6.4</u>
GP-5	4/28/2001	--	<1	<u>1.6</u> J
GP-6	4/28/2001	--	2.2 J	<u>13</u>
GP-7	4/28/2001	--	<1	1.4 J
GP-8	4/28/2001	--	<1	<1
NR 140.10 Enforcement Standards (ES)			10	15
NR 140.10 Preventive Action Limits (PAL)			1	1.5

ABBREVIATIONS:

µg/l = micrograms per liter or parts per billion (ppb)

NE = No Standard Established

-- = Not Applicable

NOTES:

NR 140.10 ES - Wisconsin Administrative Code (WAC), Chapter NR 140.10
Table 1 - Public Health Groundwater Quality Standards.

NR 140.10 PAL - WAC, Chapter NR 140.10 Table 1 - Public Health
Groundwater Quality Standards.

Italic+underlined values meet or exceed NR 140 preventive action limits.

Created by:	EO	Date:	8/4/2008
Last revision by:	EO	Date:	8/4/2008
Checked by:	EO	Date:	8/8/2008

I:\3320\Tables-General\GW_Metals1.xls\GW Metals

Table F-1
Analytical Results Summary - PCBs
Goodman Community Center / BT² Project #3320
(Results are in mg/kg, except wipe samples, which are in ug/100 cm²)

Sample	Sampler	Matrix	Date	Depth (inches)	Total PCBs	PCB-1016	PCB-1221	PCB-1232	PCB-1242	PCB-1248	PCB-1254	PCB-1260
PCB0627.01	WEA	Concrete	06/27/05	wipe	<1.0	ND	ND	ND	ND	ND	ND	ND
PCB0627.02	WEA	Concrete	06/27/05	wipe	<1.0	ND	ND	ND	ND	ND	ND	ND
PCB0627.03	WEA	Concrete	06/27/05	wipe	<1.0	ND	ND	ND	ND	ND	ND	ND
PCB0627.04	WEA	Concrete	06/27/05	wipe	<1.0	ND	ND	ND	ND	ND	ND	ND
PCB0627.05	WEA	Steel	06/27/05	wipe	<1.0	ND	ND	ND	ND	ND	ND	ND
PCB0627.06	WEA	Steel	06/27/05	wipe	<1.0	ND	ND	ND	ND	ND	ND	ND
PCB0627.07	WEA	Concrete	06/27/05	wipe	<u>5.4</u>	ND	ND	ND	ND	ND	<u>5.4</u>	ND
PCB0627.08	WEA	Wood	06/27/05	wipe	<u>4.8</u>	ND	ND	ND	ND	ND	<u>4.8</u>	ND
PCB0627.09	WEA	Concrete	06/27/05	wipe	<u>1.3</u>	ND	ND	ND	ND	ND	<u>1.3</u>	ND
PCB0627.10	WEA	Concrete	06/27/05	wipe	<u>1.2</u>	ND	ND	ND	ND	ND	<u>1.2</u>	ND
PCB0627.11	WEA	Concrete	06/27/05	wipe	<u>1.2</u>	ND	ND	ND	ND	ND	<u>1.2</u>	ND
PCB0627.12	WEA	Wood	06/27/05	wipe	<u>1.2</u>	ND	ND	ND	ND	ND	<u>1.2</u>	ND
PCB0725.01	WEA	Concrete	07/25/05	0 - 0.5	<u>1.2</u>	ND	ND	ND	ND	ND	ND	ND
PCB0725.04	WEA	Concrete	07/25/05	0 - 0.5	<1.0	ND	ND	ND	ND	ND	ND	ND
PCB0725.07	WEA	Concrete	07/25/05	0 - 0.5	<1.0	ND	ND	ND	ND	ND	ND	ND
PCB0725.08	WEA	Wood	07/25/05	0 - 0.5	<u>3.5</u>	ND	ND	ND	ND	ND	<u>3.5</u>	ND
PCB0725.09	WEA	Concrete	07/25/05	0 - 0.5	<1.0	ND	ND	ND	ND	ND	ND	ND
PCB0725.10	WEA	Concrete	07/25/05	0 - 0.5	<1.0	ND	ND	ND	ND	ND	ND	ND
PCB0725.11	WEA	Concrete	07/25/05	0 - 0.5	<1.0	ND	ND	ND	ND	ND	ND	ND
PCB0725.12	WEA	Wood	07/25/05	0 - 0.5	<u>10.6</u>	ND	ND	ND	ND	ND	<u>10.6</u>	ND
PCB0725.13	WEA	Concrete	07/25/05	0 - 0.5	<u>2.2</u>	ND	ND	ND	ND	ND	<u>2.2</u>	ND
PCB0725.14	WEA	Concrete	07/25/05	0 - 0.5	<u>2.5</u>	ND	ND	ND	ND	ND	<u>2.5</u>	ND
PCB0725.15	WEA	Concrete	07/25/05	0 - 0.5	<1.0	ND	ND	ND	ND	ND	ND	ND
PCB0725.16	WEA	Concrete	07/25/05	0 - 0.5	<u>2.7</u>	ND	ND	ND	ND	ND	<u>2.7</u>	ND
C-8	BT ²	Wood	06/04/07	0 - 1	<u>2.52</u>	<0.299	<0.299	<0.299	<0.299	<0.299	<u>2.52</u>	<0.299
D-6	BT ²	Wood	06/04/07	0 - 1	<u>1.47</u>	<0.298	<0.298	<0.298	<0.298	<0.298	<u>1.47</u>	<0.298

Table F-1
Analytical Results Summary - PCBs
Goodman Community Center / BT² Project #3320
 (Results are in mg/kg, except wipe samples, which are in ug/100 cm²)

Sample	Sampler	Matrix	Date	Depth (inches)	Total PCBs	PCB-1016	PCB-1221	PCB-1232	PCB-1242	PCB-1248	PCB-1254	PCB-1260
D-7	BT ²	Wood	06/04/07	0 - 1	<u>1.52</u>	<0.299	<0.299	<0.299	<0.299	<0.299	<u>1.52</u>	<0.299
D-8	BT ²	Wood	06/04/07	0 - 1	<u>9.85</u>	<0.283	<0.283	<0.283	<0.283	<0.283	<u>9.85</u>	<0.283
C-8	BT ²	Wood	03/28/08	0 - 1	ND	<0.295	<0.295	<0.295	<0.295	<0.295	<0.295	<0.295
D-7	BT ²	Wood	03/28/08	0 - 1	<u>0.51</u>	<0.295	<0.295	<0.295	<0.295	<0.295	<u>0.51</u>	<0.295
D-8	BT ²	Wood	03/28/08	0 - 1	ND	<0.296	<0.296	<0.296	<0.296	<0.296	<0.296	<0.296
D-12	BT ²	Wood	03/28/08	0 - 1	<u>2.24</u>	<0.298	<0.298	<0.298	<0.298	<u>2.24</u>	<0.298	<0.298
40 CFR 761.61 Cleanup Level					1.0							

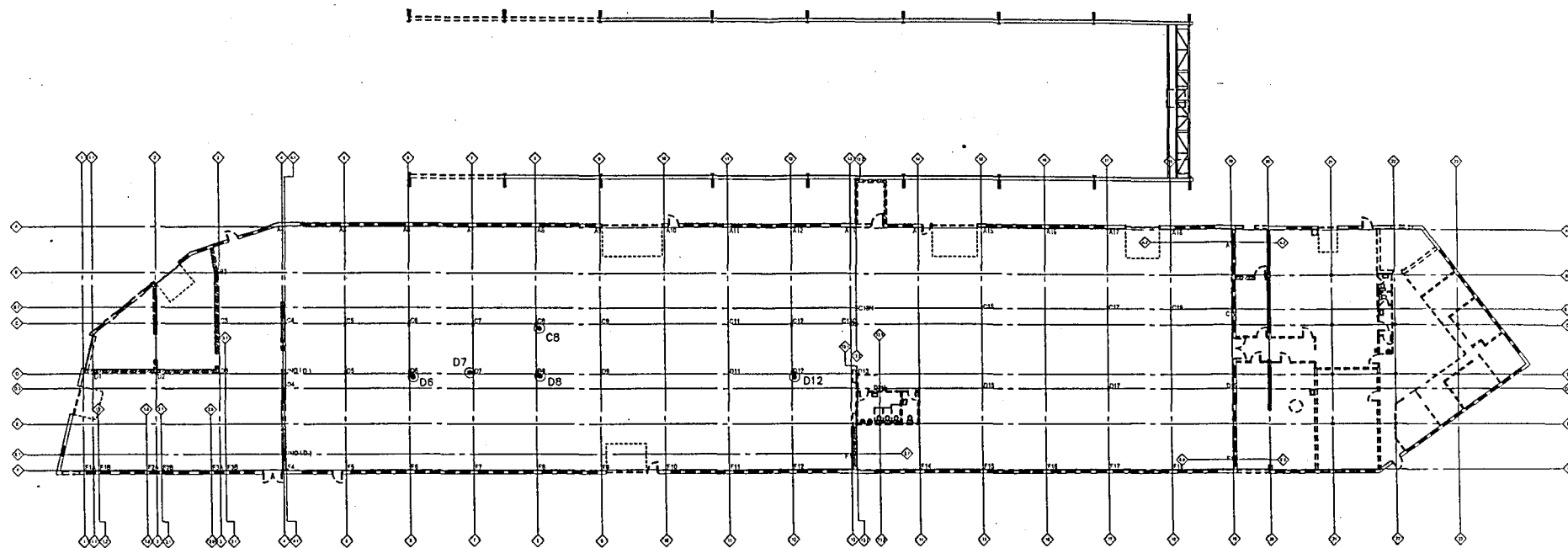
ABBREVIATIONS:

PCB = Polychlorinated Biphenyls
 CFR = Code of Federal Regulations

mg/kg = milligrams per kilogram
 ND = not detected

Created by: EO Date: 08/05/08
 Last revision by: EO Date: 09/04/08
 Checked by: EO Date: 09/08/08

\\3320\Tables-General\Soil_PCBs1.xls]Soil PCBs



FIRST FLOOR DEMOLITION PLAN

1/32" = 1'-0"

NOTES:

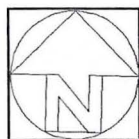
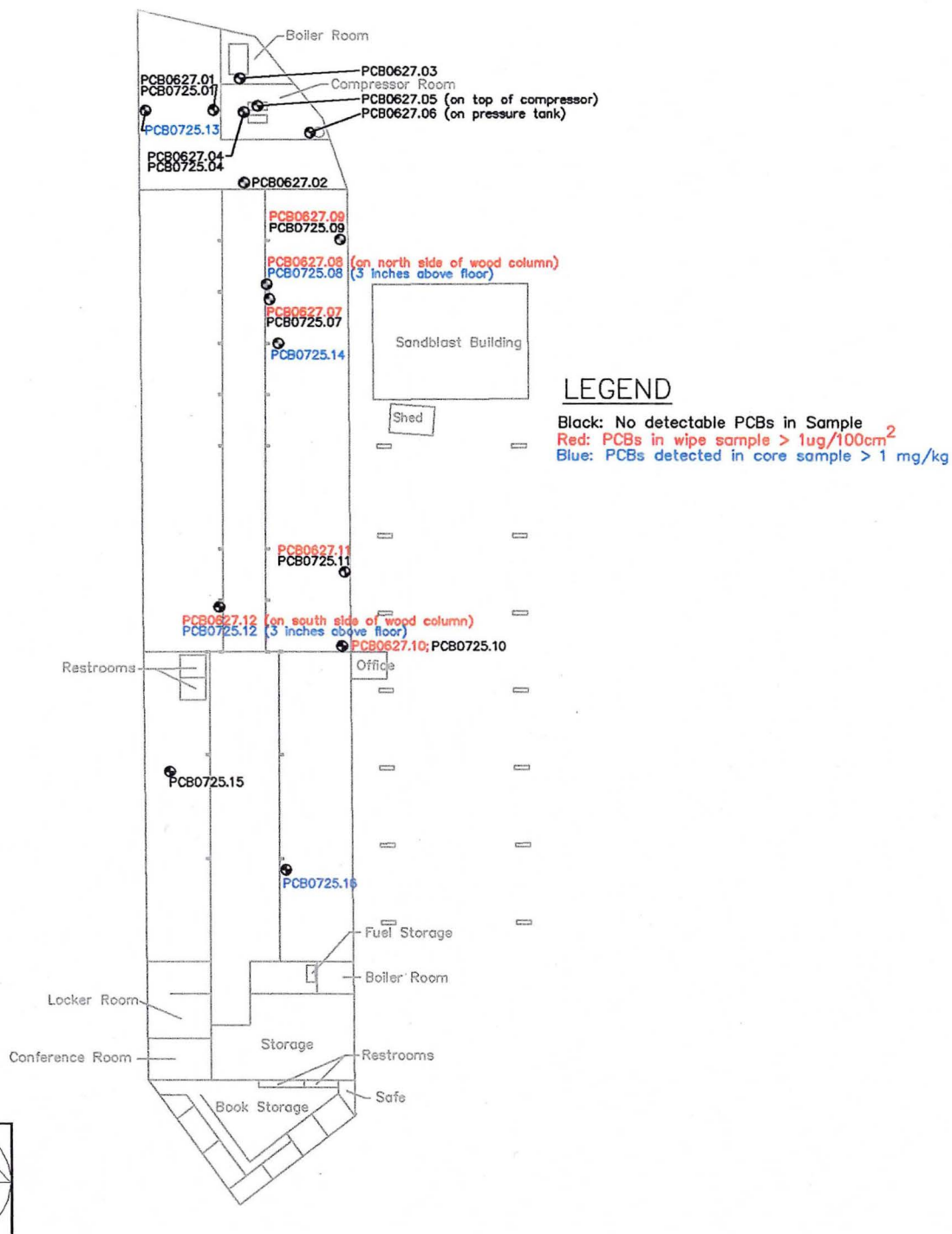
1. BUILDING PLAN FROM FIRST FLOOR DEMOLITION PLAN PREPARED BY EPPSTEIN UHEN ARCHITECTS.
2. COLUMNS C6 AND D6 ARE ENCASED IN CONCRETE BLOCK.
3. COLUMN D12 IS WRAPPED WITH WOOD TRIM.

LEGEND

- ⊙ PCB SAMPLE LOCATION

PROJECT NO. 3320	DRAWN BY: KRG/KP	ENGINEER: BT ² Inc.	2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830 FAX: (608) 224-2839	CLIENT: GOODMAN COMMUNITY CENTER 149 WAUBESA STREET MADISON, WISCONSIN 53704 PHONE: (608) 241-1974	GOODMAN COMMUNITY CENTER 149 WAUBESA STREET MADISON, WISCONSIN	BT ² PCB SAMPLE LOCATIONS	FIGURE F-3
------------------	------------------	--------------------------------	--	---	--	--------------------------------------	------------

I:\3121\Drawings-General\CLOSURE-BLDG-SAMPLE.dwg 10/9/2008 10:07:17 AM



WILLIAMS
ENVIRONMENTAL
ASSOCIATES inc.

Client: Atwood Community Center

Environmental Sampling

Ironworks Property
149 Waubesa Street
Madison, Wisconsin

Figure 3

PCB Sampling
Locations
 (Approx. Scale: 1" = 65')



PROJECT NO. 3320	DRAWN BY: KRG/KP	ENGINEER: BT ² Inc.	2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830 FAX: (608) 224-2839	CLIENT: GOODMAN COMMUNITY CENTER 149 WAUBESA STREET MADISON, WISCONSIN 53704 PHONE: (608) 241-1574	GOODMAN COMMUNITY CENTER 149 WAUBESA STREET MADISON, WISCONSIN	POST-DEVELOPMENT SITE MAP WITH CAP	FIGURE G-1
DRAWN: 09/15/08	CHECKED BY: EN/EO						
REVISED: 10/07/08	APPROVED BY:						

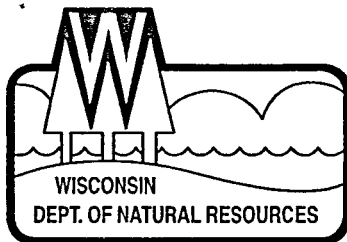
I:\3320\Drawings-General\CLOSURE\SITE-CAP.dwg, 10/8/2008 10:08:17 AM

note SBI RESULTS SOIL

NO METALS

NO VOC'S

NO PAH'S



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
Ruthe E. Badger, Regional Director

South Central Region Headquarters
3911 Fish Hatchery Road
Fitchburg, Wisconsin 53711-5397
Telephone 608-275-3266
FAX 608-275-3338
TTY Access via relay - 711

September 13, 2005

File Ref: 02-13-262205
Dane County

Ms Becky Steinhoff
Atwood Community Center
2425 Atwood Avenue
Madison, WI 53704

Subject: Technical Review - Ironworks Property, 149 Waubesa Street, Madison

Dear Ms Steinhoff:

The Department has received and reviewed the August 26, 2005 site report prepared by Williams Environmental Associates concerning the industrial property at 149 Waubesa Street. The Department has reviewed this report with the understanding that the proposed remedial and redevelopment actions are intended to make the property safe for use as a pre-school/day care facility.

The Department has overseen remedial investigations and remedial actions at this site beginning in 1987. In 1987 a significant effort involving tank removals and soil excavation was implemented primarily in the area of the overhead crane gantry. Additional soil and groundwater studies were conducted in 2000. The data provided by Williams and Associates was reviewed in the context of this past regulatory history.

The most recent soil chemistry samples were collected from the five evaluation areas delineated in the Williams report. The soil samples were composited by depth in each evaluation area. The laboratory results are shown in Tables 1-3 of the report. The analytical results show exceedances of non-industrial and industrial direct contact criteria for several polycyclic aromatic hydrocarbons and heavy metals in all five areas. The exceedances extend from the land surface to a depth of 4.5 feet in all five evaluation areas. Since the samples were collected as composite samples it is presumed that the results are reflective of soil conditions throughout each sampling area. Consequently, under current conditions, the health risks posed to potential users of the site by the known soil contamination levels are not acceptable and direct contact concerns exist across the site. Any planned remedial action or redevelopment work will need to address the potential health risks from exposure to soil contamination over the entire site.

If the intent is to use this site for preschool/day care activities direct contact concerns need to be addressed across the entire property. Direct contact issues can be resolved by:

- 1) Excavation of contaminated site soils to a point where only acceptable health risks remain. The health risk posed by residual soil contamination must be confirmed through post excavation soil sampling, or
- 2) Capping the entire site with a direct contact barrier. This barrier can be a two foot clean soil cap, buildings or concrete or blacktop paving. A long term maintenance plan to keep the barriers intact through periodic inspection and repair would be required for the site. The need for the protective cap and its maintenance requirements shall be documented in a deed restriction placed on the property.

A soil management plan shall be required for site redevelopment work. The plan shall describe what soils are to be excavated, where on site the contaminated soils will be temporarily placed or permanently disposed offsite, how the contaminated soils will be covered during construction and how the contaminated soils will be capped if permanently placed on site. This plan will require Department approval before site work begins. In addition, work contractors will need a site safety plan to account for worker exposures during site operations.

Polychlorinated biphenyls (PCBs) have been detected in several locations inside the main manufacturing building. The PCB detects seemed to be associated with oil stained areas. Based on the known site history, it is not clear what types of oils or other substance may have been the PCB source. Hydraulic fluids are thought to be one possibility. However, paint pigments are also known to contain PCBs and have been the source of soil and groundwater contamination at other sites. Given the uncertainty of the PCB source material and the history of paint pigment contamination on site, the Department believes PCB soil sampling is necessary at two regions on site. The floor of the paint building has been identified in the past as an area heavily stained with paint and primer. The Department believes two soil samples from locations PB1 and PB3, taken at the 0- 1 foot depth, should be analyzed for PCBs. These should not be composited samples but individual samples from each location. Also, based on the painting and priming activities that took place beneath and to the east of the metal gantry area, individual soil samples should be collected from sample locations A1 and B1. These samples should also be collected from the 0-1 foot depth. The results of these four samples should give an understanding of the extent, if any, of PCB soil contamination on the property and what remedial actions may be necessary.

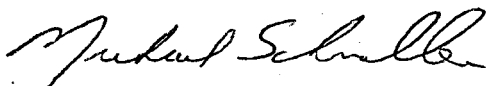
Based on the classes of contaminants involved and the known site contamination history, it does not appear that the site has a significant groundwater problem. In April 2001 a geoprobe, GP1 was installed as part of a groundwater investigation. This geoprobe showed a PCE groundwater concentration of 14 parts per billion (ppb). This geoprobe is adjacent to the November 2000 boring B-13 which showed a soil PCE concentration of 50 ppb and a 1, 2 dichloroethene concentration of 38 ppb at 2 feet. This site did receive an offsite exemption for chlorinated groundwater contamination in August 2001. The correlation between these soil and groundwater readings calls into question that validity of that exemption. It seems probable that the groundwater contamination seen in GP1 is from activities on the Ironworks property. So it seems the offsite determination was in error. However, this error does not substantively change the redevelopment requirements for the property. The actions needed to address the direct contact issues will also address any groundwater source issues through infiltration control. Also, the presence of a low level PCE concentration in the soils at B-13 will not change the soil management requirements for the contaminated soils from that area.

The source of the chlorinated groundwater contamination seen in the April 2001 geoprobes GP5, GP 7 and GP 8 is not clear. There is no known chlorinated soil contamination on the Ironworks property in the area of these geoprobes. Consequently, it is not clear if these groundwater concentrations originate on site or are part of other nearby groundwater problems.

The changing land use for this property is requiring the Department to reopen this property as a contaminated site. The 1987 and 2001 decisions regarding no further actions for this site were based on an industrial land use. The site will no longer be an industrial property. Therefore, prior to redevelopment this site will require a closure review by the Department. The closure request will need to address all the direct contact and contaminated soil management issues for the property. The Department's closure review will approve or modify the proposed actions. In addition, because of the soil and groundwater contamination, this site will be listed on the Department's GIS Registries of closed sites with soil and groundwater contamination. All the information needed to include this property on the registries will be required at the time of closure as well as all Department fees.

This completes the Department's review of the August 26, 2005 report. To summarize, the Department believes there is heavy metal and polyaromatic hydrocarbon soil contamination in site soils at concentrations that, without remedial action, would pose unacceptable health risks to users of the site. The Department further believes that the proposed remedial and redevelopment actions, if conducted in accordance with the requirements of Department approvals, will reduce the health risks to acceptable levels and allow the site to be used as a day care/preschool facility. If you have any questions concerning this letter please contact me directly.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael Schmoller". The signature is fluid and cursive, with the first name "Michael" being more prominent than the last name "Schmoller".

Michael Schmoller
Hydrogeologist
608-275-3303

Cc: Mark Williams, Williams Environmental Associates, 221 Frigate Drive, Madison, WI 53705
Milton Griep, Ironworks Development, LLC, 448 West Washington Avenue, Madison, WI 53703

CORRESPONDENCE/MEMORANDUM

State of Wisconsin

DATE: October 9, 2008
 TO: SCR Closure Committee
 FROM: Michael Schmoller
 SUBJECT: Goodman Community Center Closure Request
 149 Waubesa Street
 Madison
 02-13-553584

Closure Date: October 9, 2008
 Priority: Non LUST, metals
 Acres for reuse: 2.75

*refine closure
 in calendar in closure
 letter of request to
 of site liability letter
 of value & letter i
 GTS report*

This property began industrial operations in 1880 and continued until the 1990's. During that time the site was primarily used by Steinle Machine Company; Theo Kupfer Iron Works and Durline Scales. When manufacturing operations ceased on the property, the property looked as is shown in Figure A3. The site is currently a community center and a day care with recreational facilities.

The site has a long regulatory history as shown in Table A5. The results of numerous investigations can be summarized as follows:

The site soils are a varying thickness of dark brown to black silty sand fill with gravel, brick and cinders. The fill ranges in thickness from 1-8 feet but is normally less than 5 and overlies clay and silty clay. The clay and silty clay extends to 6.5 -10 feet deep and overlies fine sand and silty sand. The sand extends to at least 25 feet. Depth to groundwater is 7-12 feet with flow to the east-southeast on the north end of the site and west-southwest at the south end of the site. Bedrock was not encountered.

Soil contamination was evaluated in several studies. Tables C1 (A, B and C) and Figures 2 and C2 show the pre-remedial extent of soil contamination. Contamination was widespread across the site and primarily the result of PAHs and lead.

Based on the soil contamination there have been several remedial actions. Some of the remedial actions were taken about 22 years ago and are not as well documented. In October 1986 the following four USTs were removed:

1. 12,000 gallon unleaded gasoline
2. 9,000 gallon #2 fuel oil
3. 1,000 gallon unleaded gasoline
4. 12,000 gallon #2 fuel oil

*10/10/86: 12,000 gal. unleaded gasoline
 9,000 gal. #2 fuel oil
 1,000 gal. unleaded gasoline
 12,000 gal. #2 fuel oil*

Tanks 1, 2 and 3 were located on the east and south sides of the main garage and tank 4 was located north of the former boiler room at the northeast corner of the main building. PID readings at the time of removal indicated limited soil contamination and small (undetermined) amounts of soil were removed from the locations of tanks 1, 3 and 4.

More significantly in 1986 Warzyn excavated 1.5 feet of soil over a 6900 square foot area around boring B1(W). This was paint stained soil and the estimated 383 cubic yards of soil were landfilled.

More recent soil remedial efforts were:

1. During June –October 2007 BT2 supervised the excavation of 7888 tons of soil from the property, 2700 tons from the city bike path ROW and 2880 tons from utility ROW on the south side of the building. A total of 13,500 tons of contaminated soil were taken to the landfill. The excavation depth was approximately 1-3 feet across much of the site. There were no post excavation samples collected. The excavation did remove most all of the waste material on site. (cinders, wood, brick, etc) The remaining fill material was soil in nature.

2. After the excavation the site has been capped. The cap includes the new gymnasium, concert walks and landscaped areas. In impervious capped areas there is a one foot distance to residual contaminated material. In landscaped areas there are 2 feet of clean soil. The cap does not include the rain garden but testing showed the soil in this area to be clean so there is no concern about the rain garden leaching materials to the groundwater. (Boring SB1) (See Figure G1)


There were PCB contaminated surfaces detected inside the main building. These areas have either been cleaned or encapsulated. The concrete floor in the main building had areas of PCB contamination. The entire floor in the main building has been covered with 20 inches of gravel base and new concrete. The contaminated wooden support columns were cut off about 18 inches above the new concert and replaced with steel supports. The remaining portions of the wood columns above this height were washed with a cleaning solution. Post washing testing of columns C8, D7, D8 and D12 showed residual PCB concentrations greater than 1 ppm only at column D12. Column D12 was wrapped in a new layer of clean wood trim. Figures 3 and F-3 and Table F-1 summarize the PCB conditions at the site.

Site groundwater conditions are summarized in Tables E1A and E1B. Groundwater has not been a primary issue at this site. There have historically been limited VOC detects and the metals results have not warranted any remedial response. In 2001 the site was issued and offsite liability exemption for the chlorinated groundwater contamination. It does not appear that the groundwater at this site requires additional monitoring or remedial response. The site also does not warrant a groundwater GIS listing.


Given the current redeveloped condition of the site, the presence of a cap and cap maintenance plan and limited groundwater impacts, the site can be closed with a cap requirement and a soil GIS Listing.

CLOSURE APPROVED

Pat McCutcheon

 10/15/08

Marty Nessman

 10/15/08

DATE: October 9, 2008
TO: SCR Closure Committee
FROM: Michael Schmoller
SUBJECT: Goodman Community Center Closure Request
149 Waubesa Street
Madison
02-13-553584

Closure Date: October 9, 2008
Priority: Non LUST, metals
Acres for reuse: 2.75

This property began industrial operations in 1880 and continued until the 1990's. During that time the site was primarily used by Steinle Machine Company; Theo Kupfer Iron Works and Durline Scales. When manufacturing operations ceased on the property, the property looked as is shown in Figure A3. The site is currently a community center and a day care with recreational facilities.

The site has a long regulatory history as shown in Table A5. The results of numerous investigations can be summarized as follows:

The site soils are a varying thickness of dark brown to black silty sand fill with gravel, brick and cinders. The fill ranges in thickness from 1-8 feet but is normally less than 5 and overlies clay and silty clay. The clay and silty clay extends to 6.5 -10 feet deep and overlies fine sand and silty sand. The sand extends to at least 25 feet. Depth to groundwater is 7-12 feet with flow to the east-southeast on the north end of the site and west-southwest at the south end of the site. Bedrock was not encountered.

Soil contamination was evaluated in several studies. Tables C1 (A, B and C) and Figures 2 and C2 show the pre-remedial extent of soil contamination. Contamination was widespread across the site and primarily the result of PAHs and lead.

Based on the soil contamination there have been several remedial actions. Some of the remedial actions were taken about 22 years ago and are not as well documented. In October 1986 the following four USTs were removed:

1. 12,000 gallon unleaded gasoline
2. 9,000 gallon #2 fuel oil
3. 1,000 gallon unleaded gasoline
4. 12,000 gallon #2 fuel oil

Tanks 1, 2 and 3 were located on the east and south sides of the main garage and tank 4 was located north of the former boiler room at the northeast corner of the main building. PID readings at the time of removal indicated limited soil contamination and small (undetermined) amounts of soil were removed from the locations of tanks 1, 3 and 4.

More significantly in 1986 Warzyn excavated 1.5 feet of soil over a 6900 square foot area around boring B1(W). This was paint stained soil and the estimated 383 cubic yards of soil were landfilled.

More recent soil remedial efforts were:

1. During June –October 2007 BT2 supervised the excavation of 7888 tons of soil from the property, 2700 tons from the city bike path ROW and 2880 tons from utility ROW on the south side of the building. A total of 13,500 tons of contaminated soil were taken to the landfill. The excavation depth was approximately 1-3 feet across much of the site. There were no post excavation samples collected. The excavation did remove most all of the waste material on site. (cinders, wood, brick, etc) The remaining fill material was soil in nature.

2. After the excavation the site has been capped. The cap includes the new gymnasium, concert walks and landscaped areas. In impervious capped areas there is a one foot distance to residual contaminated material. In landscaped areas there are 2 feet of clean soil. The cap does not include the rain garden but testing showed the soil in this area to be clean so there is no concern about the rain garden leaching materials to the groundwater. (Boring SB1) (See Figure G1)

There were PCB contaminated surfaces detected inside the main building. These areas have either been cleaned or encapsulated. The concrete floor in the main building had areas of PCB contamination. The entire floor in the main building has been covered with 20 inches of gravel base and new concrete. The contaminated wooden support columns were cut off about 18 inches above the new concert and replaced with steel supports. The remaining portions of the wood columns above this height were washed with a cleaning solution. Post washing testing of columns C8, D7, D8 and D12 showed residual PCB concentrations greater than 1 ppm only at column D12. Column D12 was wrapped in a new layer of clean wood trim. Figures 3 and F-3 and Table F-1 summarize the PCB conditions at the site.

Site groundwater conditions are summarized in Tables E1A and E1B. Groundwater has not been a primary issue at this site. There have historically been limited VOC detects and the metals results have not warranted any remedial response. In 2001 the site was issued and offsite liability exemption for the chlorinated groundwater contamination. It does not appear that the groundwater at this site requires additional monitoring or remedial response. The site also does not warrant a groundwater GIS listing.

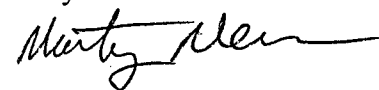
Given the current redeveloped condition of the site, the presence of a cap and cap maintenance plan and limited groundwater impacts, the site can be closed with a cap requirement and a soil GIS Listing.

CLOSURE APPROVED

Pat McCutcheon

 10/15/2008

Marty Nessman

 10/15/08

(2)

- soils - whole site plus some off-site areas

PAH's -

VOC's - No

metals -

- Williams

- BT² → SBI →

- GW - no existing wells -

-

Kruger Property (Dunlin Seals)

Well done - start next week
 sheets - sage, paint
 and bent brick → segregate, change
 at disposal

chests will be removed for more
 leg ill - remaining on site

~~and~~

GTS

PCB¹⁵ - ripe, can't avoid sampling

dead restriction or not →

column replacement -

3-4 PCB samples pending in lab

Dead head part remove flag, cover w/
 new paint



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Matthew Frank, Secretary
Lloyd L. Eagan, Regional Director

South Central Region Headquarters
3911 Fish Hatchery Road
Fitchburg, Wisconsin 53711-5397
Telephone 608-275-3266
FAX 608-275-3338
TDD 608-275-3231

October 9, 2008

File Ref: 02-13-552584

Ms. Becky Steinhoff
Goodman Community Center
149 Waubesa Street
Madison WI 53704-5430

SUBJECT: Receipt of Site Closure: **Goodman Community Center, 149 Waubesa St.**

Dear Ms. Steinhoff:

On October 9, 2008 the Department of Natural Resources received your request for site closure. Section NR 726.07, Wisconsin Administrative Code, requires the Department to respond within 30 days after receipt of a request for case closure providing an estimated date by which the department intends to issue a determination on case closure.

This letter serves as written acknowledgment of your request for closure. Based on current Department workloads, your closure request will likely be reviewed within 1 to 2 months. NOTE: This is only an estimate; changes in workload may cause unforeseen delays in the review process. The Department will make every effort to review requests in a timely manner.

If you have any questions, please call me at the number listed below.

Sincerely,

Wendy Weihemuller, Program Assistant
Remediation & Redevelopment
Telephone: (608) 275-3212

cc: → File

Eric Oelkers BT2 Inc. 2830 Dairy Dr. Madison WI 53718-6751

GOODMAN CENTER SUMMARY

SOIL

WARZYN B1 ARSENIC AND LEAD GREATER THAN RCL OR BACKGROUND
NEAR PAINT BLDG .5 FT (EXCAVATED)

REA B7 NAPH 2700PPB AND PETRO 4FT (IN PLACE)

REA B13 PCE 50 PPB 2FT NOTHING ELSE NO OTHER SAMPLES BORING
DEPTH 4 FT (LIKELY EXCAVATED)

WEA 0708A.01 NAPH 220, PETRO AND 111 TCA AT 15PPB, COMPOSITE 0-.5
FEET (EXCAVATED)

WEA 0708 C1, C2, D1, D2, PB1 DETECTED PETRO AND NAPH COMPOSITES 0-
4.5 FEET

WEA SAMPLES MULTIPLE PAH EXCEEDING RCLS 0-4.5 FEET IN PLACE
GREATER THAN 2 FEET

BT2 HASB3 PAH GREATER THAN RCL 1.5 FT

DATE: October 9, 2008

TO: SCR Closure Committee

FROM: Michael Schmoller

SUBJECT: Goodman Community Center Closure Request
149 Waubesa Street
Madison
02-13-553584

Closure Date: October 9, 2008
Priority: Non LUST, metals
Acres for reuse: 2.75

This property began industrial operations in 1880 and continued until the 1990's. During that time the site was primarily used by Steinle Machine Company, Theo Kupfer Iron Works and Durline Scales. When manufacturing operations ceased on the property, the property looked as is shown in Figure A3. The site is currently a community center and a day care with recreational facilities.

The site has a long regulatory history as shown in Table A5. The results of numerous investigations can be summarized as follows:

The site soils are a varying thickness of dark brown to black silty sand fill with gravel, brick and cinders. The fill ranges in thickness from 1-8 feet but is normally less than 5 and overlies clay and silty clay. The clay and silty clay extends to 6.5 -10 feet deep and overlies fine sand and silty sand. The sand extends to at least 25 feet. Depth to groundwater is 7-12 feet with flow to the east-southeast on the north end of the site and west-southwest at the south end of the site. Bedrock was not encountered.

Soil contamination was evaluated in several studies. Tables C1 (A, B and C) and Figures 2 and C2 show the pre-remedial extent of soil contamination. Contamination was widespread across the site and primarily the result of PAHs and lead.

Based on the soil contamination there have been several remedial actions. Some of the remedial actions were taken about 22 years ago and are not as well documented. In October 1986 the following four USTs were removed:

1. 12,000 gallon unleaded gasoline
2. 9,000 gallon #2 fuel oil
3. 1,000 gallon unleaded gasoline
4. 12,000 gallon #2 fuel oil

Tanks 1, 2 and 3 were located on the east and south sides of the main garage and tank 4 was located north of the former boiler room at the northeast corner of the main building. PID readings at the time of removal indicated limited soil contamination and small (undetermined) amounts of soil were removed from the locations of tanks 1, 3 and 4.

More significantly in 1986 Warzyn excavated 1.5 feet of soil over a 6900 square foot area around boring B1(W). This was paint stained soil and the estimated 383 cubic yards of soil were landfilled.

More recent soil remedial efforts were:

1. During June –October 2007 BT2 supervised the excavation of 7888 tons of soil from the property, 2700 tons from the city bike path ROW and 2880 tons from utility ROW on the south side of the building. A total of 13,500 tons of contaminated soil were taken to the landfill. The excavation depth was approximately 1-3 feet across much of the site. There were no post excavation samples collected. The excavation did remove most all of the waste material on site. (cinders, wood, brick, etc) The remaining fill material was soil in nature.

2. After the excavation the site has been capped. The cap includes the new gymnasium, concert walks and landscaped areas. In impervious capped areas there is a one foot distance to residual contaminated material. In landscaped areas there are 2 feet of clean soil. The cap does not include the rain garden but testing showed the soil in this area to be clean so there is no concern about the rain garden leaching materials to the groundwater. (Boring SB1) (See Figure G1)

There were PCB contaminated surfaces detected inside the main building. These areas have either been cleaned or encapsulated. The concrete floor in the main building had areas of PCB contamination. The entire floor in the main building has been covered with 20 inches of gravel base and new concrete. The contaminated wooden support columns were cut off about 18 inches above the new concert and replaced with steel supports. The remaining portions of the wood columns above this height were washed with a cleaning solution. Post washing testing of columns C8, D7, D8 and D12 showed residual PCB concentrations greater than 1 ppm only at column D12. Column D12 was wrapped in a new layer of clean wood trim. Figures 3 and F-3 and Table F-1 summarize the PCB conditions at the site.

Site groundwater conditions are summarized in Tables E1A and E1B. Groundwater has not been a primary issue at this site. There have historically been limited VOC detects and the metals results have not warranted any remedial response. In 2001 the site was issued an offsite liability exemption for the chlorinated groundwater contamination. It does not appear that the groundwater at this site requires additional monitoring or remedial response. The site also does not warrant a groundwater GIS listing.

Given the current redeveloped condition of the site, the presence of a cap and cap maintenance plan and limited groundwater impacts, the site can be closed with a cap requirement and a soil GIS Listing.

CLOSURE APPROVED

Pat McCutcheon

Marty Nessman



02-13-552584

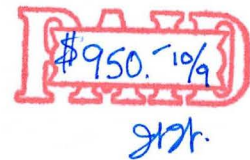
Madison, WI | Lake Delton, WI | Chicago, IL

October 8, 2008

Mr. Michael Schmoller
Wisconsin Department of Natural Resources
3911 Fish Hatchery Road
Fitchburg, WI 53711



SUBJECT: Closure Request
Goodman Community Center
149 Waubesa Street, Madison, Wisconsin 53704
BT² Project #3320
WDNR BRRTS #02-13-262205



Dear Mr. Schmoller:

Attached is a closure request for the Goodman Community Center, formerly known as Theo Kupfer Ironworks, located at 149 Waubesa Street in Madison, Wisconsin.

The attached documents summarize the history of environmental investigations and remedial actions at the site and requests case closure for the site based on the new use of the property as a community center. Previous Wisconsin Department of Natural Resources (WDNR) determinations of no further action have been based on continuing industrial use of the site.

Please contact us at 608.224.2830 if you have any questions about the attached case closure request.

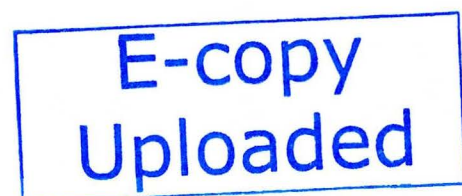
Sincerely,
BT², Inc.

Eric Oelkers, P.G.
Project Manager

Enclosures: Case Closure Request Form 4400-202 with Attachments A through J
Check for \$950 for WDNR Fees

cc: Ms. Becky Steinhoff, Goodman Community Center

I:\3320\2008 closure\Closure_Request.doc



**Closure Request
Goodman Community Center
149 Waubesa Street
Madison, Wisconsin**

October 2008

Prepared For:

**Goodman Community Center
149 Waubesa Street
Madison, Wisconsin 53704**

Prepared By:

**BT², Inc.
2830 Dairy Drive
Madison, Wisconsin 53718-6751**

BT² Project #3320

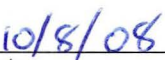
I, Eric Oelkers, hereby certify that I am a hydrogeologist as the term is defined in s. NR 712.03(1), Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.



Signature

Senior Hydrogeologist

Title



Date

WDNR BRRTS CASE # 02 - 13 - 262205

WDNR SITE NAME: Goodman Community Center

WISCONSIN DEPARTMENT OF NATURAL RESOURCES
Bureau for Remediation and Redevelopment

This form is intended to provide instructions and a list of information that must be submitted for evaluation for case closure, each time a request is made. 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.].

In order to expedite the closure process, provide a complete and accurate closure package according to the following instructions, each time a closure decision is requested:

- Submit the Case Closure Request form and the required attachments as a stand-alone, **unbound** package. Include all information requested per section, as appropriate to the site, in the order shown. Include all attachments per section, as appropriate. Do not attach previously submitted reports. Correctly reference any reports in the case summary, as applicable.
- Include fees with this request at the time it is submitted to the department in order for the application to be considered complete.
- Specify your selected closure option.
- **Use forms 4400-245 and 4400-246 for Section H.** Include all **GIS Registry information** (in Section H) as a stand-alone document (*do not refer to materials in other attachments*). Include copies of all off-source property and ROW notifications.
- Place a ✓ (attached) or NA (not applicable) in the blank next to each attachment, in each section.
- Include a maintenance plan, if it is required for the implemented remedial action.
- **Maps for the GIS Registry may not be larger than 8.5 x 14 inches**, unless maps are submitted in electronic form in portable document format (pdf) readable by the Adobe Acrobat Reader. For electronic document submittal requirements, see <http://www.dnr.wi.gov/org/aw/rr/archives/pubs/RR690.pdf>.
- Prepare maps according to the applicable portions of ss. NR 716.15(2)(h)1 and 726.05(3)(a)4.d. Prepare visual aids, including maps, plans, drawings, cross sections, fence diagrams, tables and photographs according to s. NR 716.15(2)(h)1. – 4.
- **Use a bold font** on information of importance on tables, maps and figures. **A bold font (for ES exceedances) and italics (for PALs)** are preferred when differentiation is necessary. **Please do not use shading or highlights** on any of the analytical tables (per s. NR 726.05(3) and maps as the shading obscures the information that is scanned for inclusion in the GIS Registry.
- Put multiple tables submitted for contaminated media data (eg. pre- and post-remedial data) in chronological order. Include the level of detection for results which are below the detection level (i.e. do not just list as no detect (ND)). Summaries of all data should include information collected by previous consultants. Do not submit lab data sheets unless these have not been submitted in a previous report. Tabulate all data required in s. NR 716.15(2)(g)3 in the format required in s. NR 716.15(2)(h)3.
- Document free product recovery estimates as required in s. NR 708.15, if applicable.

WDNR BRRTS CASE # 02 - 13 - 262205

WDNR SITE NAME: Goodman Community Center

Section A: Case History and Closure Pathway Selected

ATTACHMENTS:

- A-1 A brief site summary including results of all investigative activities, interim and remedial actions taken, a description of any residual soil and/or groundwater contamination and their locations, a description of any other media affected, and a description of how actual and potential impacts to receptors have been addressed.
- A-2 Site location map on USGS topographic base map.
- A-3 Site map including buildings, utilities, property lines of source property and impacted non-source properties, ground cover and supply wells, including any municipal wells. *These maps may be combined.*
- A-4 Verification of the zoning for affected properties.

INFORMATION NEEDED:

1. Site Name Goodman Community Center (former Theo Kupfer Ironworks)
Street Address: 149 Waubesa Street
City/Zip Code: Madison 53704
2. BRRTS #: 02-13-262205
3. DNR FID #: 113123560 PECFA Claim#: NA
4. Responsible Party Name Goodman Community Center
Mailing Address: 149 Waubesa Street City/Zip Code: Madison, Wisconsin 53704-5430
Phone number: 608-241-1574 Contact Person: Becky Steinhoff
5. Date of Incident/Discovery: October 6, 1986 Contaminant Type(s): Metals, PAHs, petroleum
6. Quantity Released: Unknown
7. Land Use:
Current: _____ Residential _____ Commercial X Industrial _____ Other
If other, specify: _____
Planned Post Remediation: _____ Residential _____ Commercial _____ Industrial X Other
If other, specify: Community Center
8. Is a zoning change required? _____ Y X N
If so, has it been completed for post remedial land use? _____ Y _____ N
9. 2.75 Acres ready for use (The total area in acres of all adjacent tax parcels owned by the same entity on the site where the contamination originated, rounding fractions to nearest .5 acre and noting >100 acres for acreages above 100 acres. For multiple discharges that are cleaned up concurrently, count the acres once.)
10. Geographic Coordinates (meters/ WTM83/91) E 573435 N 291795
11. Method Used to Obtain Geographic Coordinates:
_____ On-site using GPS equipment, converted or projected into WTM83/91 coordinates
_____ Used county web map site to get coordinates
X Used RR Sites Map web site to get WTM83/91 coordinates
_____ Other (specify): _____
12. *Groundwater Contamination Remaining (>ES):
On Source Property _____ Y X N
Off Source Property _____ Y X N
13. *Residual Soil Contamination > Generic or Site-Specific RCL:
On Source Property X Y _____ N
Off Source Property _____ Y X N
14. Contamination in Right of Way: X Y _____ N
15. Closure Pathway Selected: check all that apply

<u>CLOSURE via NR 726</u>	
Soil	Groundwater
_____ < s. NR 720.09/720.11 Generic RCLs	<u>X</u> < s. NR 140.10 Table 1 & Table 2 Values
<u>X</u> s. NR 720.19(2) Soil Performance Standards	_____ s. NR 140.28(2) PAL Exemption
_____ s. NR 720.19(4) Groundwater Pathway	_____ s. NR 726.05(2)(b), ≥ES Natural Attenuation
_____ s. NR 720.19(5) Direct Contact	

WDNR BRRTS CASE # 02 - 13 - 262205

WDNR SITE NAME: Goodman Community Center

<u> </u> s. NR 720.19(6) Other Pathways	
<u>CLOSURE via NR 746 and NR 726</u>	
<u>Petroleum Storage Tank Soil Options for Closure:</u>	
<u> </u> s. NR 746.07 Requirements Met-Post Investigation	
<u> </u> s. NR 746.08 Requirements Met-Post Remed.	
<u>Petroleum Storage Tank GW Options for Closure:</u>	<u>Petroleum Storage Tank GW Options for Closure:</u>
Within Permeable Material:	Within Low Permeability Material:
<u> </u> s. NR 746.07(3) ≥PAL <ES, Post Investigation	<u> </u> s. NR 746.07(2), Post Investigation
<u> </u> s. NR 746.07(4) >ES, Post Investigation	<u> </u> s. NR 746.08(2), Post Remediation
<u> </u> s. NR 746.08(3) ≥ PAL, <ES, Post Remediation	
<u> </u> s. NR 746.08(4) >ES, Post Remediation	

Section B: Receptor Summary

ATTACHMENTS:

B-1 Notification(s) regarding contamination in ROW
NA Notification(s) to off-source property owners regarding sampling results

INFORMATION NEEDED:

1. Identify **all** pre-remedial actual receptors, the assessed risk and their locations (e.g., both on- and off-site utility corridors, basements or sumps of nearby buildings, direct contact threat from soil, water supplies, surface waters, sediments, vapors, etc.) *For definitions, refer to s. NR 700.03 (47), Wis. Adm. Code.*
Direct contact with soil and PCB-contaminated interior surfaces

2. Have the remedial actions addressed the potential or actual impacts to these receptors?
 X Y (Details in the case history summary (Section A)).
 N If no, please identify the nature of the remaining risk and the receptor at risk, if any:

Section C: Soil Investigation Information

ATTACHMENTS:

C-1 Complete soil data summary table of field screening and laboratory analytical results, including all detects, regardless of ch. NR 720 standards, with dates, sample locations, depths and detection limits. Identify exceedances.

C-2 Map(s) of all pre-remedial soil sampling locations: depicting all soil sample locations relative to site facilities. Note in bold font those sample locations that exceed ch. NR 720 RCLs (including free product location) and delineate the extent of contamination.

C-3 Pre-remedial geologic cross-sections; including geology, source location(s), extent of soil and groundwater contamination, free product location/depth, soil sample locations, water table elevation, and bedrock elevation, if encountered.

INFORMATION NEEDED:

1. Extent Defined? Y X N If not, explain why. Potentially contaminated fill materials appear to extend beyond the site boundaries into the ROW of the bike path and railroad tracks
2. Soil Type(s): Fill, Clay, Silt, Sand
3. Depth of Contamination: Top: 0 (surface) Bottom: < 8 feet below ground surface

WDNR BRRS CASE # 02 - 13 - 262205

WDNR SITE NAME: Goodman Community Center

4. Type of Bedrock: Sandstone Depth to Bedrock: 80 feet (estimated)
5. Is Any Contaminated Soil (Unsaturated or Saturated) in Contact With the Bedrock? Y X N
6. Measurable Free Product? Y X N Depth/Location: _____

Section D: Soil Remediation Information

ATTACHMENTS:

- D-1 Map showing remediated area (for example, excavation limits or area influenced by SVE) and locations of post-remediation soil samples (if any). This map should show the locations and extent of residual soil contamination exceeding ch. NR 720 RCLs. These samples should be noted in bold font. *A copy of the map(s) from Section H(form 4400-245) may be used.*
D-2 Soil disposal documentation
NA NR 720.19 analysis, assumptions and calculations for site specific RCLs (SSRCLs) , with justification
NA Calculations and results of EPA Soil Screening Level Model.
C-3 Post-remedial cross-section(s) with post remedial soil sampling results, if soil removal or treatment has occurred. Identify sample results and depths. *A copy of the cross-section(s) from Section H(form 4400-245) may be used or you may refer to the cross-section(s) in Section E, as appropriate.*
see Section E

INFORMATION NEEDED:

1. Remedial Action Completed? X Y N
2. Were immediate or interim actions conducted? X Y N If yes, what action was taken?
UST removal, limited soil excavation in mid 1980s
3. Brief description of remedial action taken:
Excavation of surficial soils to accommodate new site grades, foundations, and soil cap
4. Were soils excavated? X Y N
Quantity: _____ Disposal Method: Landfill
5. Final Confirmation Sample Collection Methods:
No post-excavation samples collected
6. Final Soil/Drill Cuttings Disposal Location:
Dane County Landfill #2 (Rodefild)
7. Estimated volume and depth of in situ soils exceeding ch. NR 720 Table RCLs or Site Specific RCLs:
Approximately 7,500 cubic yards from 2 to 5 feet below new site grade.
8. Estimated volume and depth of in situ soils exceeding ch. NR 746 Table 1 or Table 2 or Site Specific RCLs
(*underground petroleum tank systems, as defined in ch. NR 746 only*):
NA
9. s. NR 720.19 Analysis? Y X N
X Performance Standard –NR 720.19(2)
SSRCL – NR 720.19(3) and (4),(5) or (6)
10. If the remedy includes a Soil Performance Standard, what type? not applicable
X Cap Soil Building Natural Attenuation of Groundwater Other
Specify other: _____
11. Will the maintenance of the SPS be consistent with the planned post remediation land use?
X Y N If no, please explain: _____
12. Is the EPA Soil Screening Level Model used as justification for closure of sites with residual contaminated soils?
Y X N Are the input numbers used: Site Specific , or WI Defaults?

Section E: Groundwater Information

ATTACHMENTS:

- E-1 Table identifying all contaminants, summarizing all pre- and post-remediation groundwater analytical results, with sample collection dates (*prepared in accordance with guidance document RR-628*)
C-2 Groundwater sample location map showing the site facilities and all monitoring wells, sumps, extraction wells, and potable and non-potable wells.

WDNR BRRTS CASE # 02 - 13 - 262205

WDNR SITE NAME: Goodman Community Center

- NA Isoconcentration map(s) when included as part of the site investigation or map(s) of the horizontal extent of contamination based on most recent data. *A copy of the map(s) from Section H (from 4400-245) may be used.*
- E-3 A map showing groundwater flow direction(s) and summarizing the maximum variation in flow direction. *Multiple maps may be used. A copy of the map(s) from Section H (form 4400-245) may be used.*
- E-4 A table summarizing all groundwater elevations, with dates, and top and bottom elevations of well screens. *(Wells are to be referenced to national geodetic survey datum, as per NR 141.065(2)).*
- NA Graphs and statistical analyses which demonstrate the dynamics of the groundwater plume, for sites requesting closure using natural attenuation that meet the criteria s. NR 726.05(2)(b) or of s. NR 746 (permeable soils). *Refer to WDNR publication RR-614 for guidance.*
- C-3 Geologic cross-sections showing extent of residual soil and/or groundwater contamination, as applicable. *A copy of the cross-section(s) from Section H, (form 4400-245) may be used.*

INFORMATION NEEDED:

1. Extent of Contamination Defined? Y N X N/A

2. Remedial Action Completed? Y N X N/A

Brief Description of Remedial Action Taken: _____

3. Depth(s) to Groundwater 7 to 12 feet below ground surface Flow Direction(s): _____

4. Field Analyses? Y X N

Lab Analyses X Y N

5. 5 # of Sampling Rounds

16 # of Sampling Points

8 # NR 141 Monitoring Wells Sampled

8 # Temporary GW Sampling Points Sampled

0 # Recovery Sumps Sampled

0 # Municipal Wells Sampled

0 # Private Wells Sampled

6. Was DNR notified of substances in groundwater without standards: Y X N N/A

If yes, how many? _____ What substances? _____

7. Preventive Action Limit currently exceeded? X Y N If yes, identify location(s)

GP-5, GP-7, GP-8

8. Enforcement Standard currently exceeded? X Y N If yes, identify location(s)

GP-1

9. Measurable free product detected? Y X N Pre-remediation

Y X N Post-remediation

10. Was free product remediated? Y X N

Method: _____

Purge water or free product-groundwater mixture disposal method?

NA

11. Potable wells within 1200 feet of site? Y X N

Have they been sampled? Y X N

Type (i.e. municipal, private, etc.)? _____

[NOTE: Include wells on groundwater well location map]

12. Has DNR been provided with all results of private well sampling? Y N

13. Have well owners/occupants been notified of results? (Sec. B Attachments) Y N

(Results also need to be sent to the DNR Water Supply Specialist)

14. Are there any monitoring wells that have not been located for abandonment? Y X N

15. Identify the property address(es) where the missing well is located: _____

WDNR BRRTS CASE # 02 - 13 - 262205

WDNR SITE NAME: Goodman Community Center

Section F: Other Contaminated Media Information:

ATTACHMENTS:

F-1 Table of analytical results for all contaminants for media other than soil or groundwater

INFORMATION NEEDED:

1. Have other media been impacted (either on-site or off-site e.g. sediment, utilities, air)? X Y N
Briefly describe type and extent of **all** contamination found in media other than soil or groundwater:
PCB contamination on concrete floor and on wood columns in main building
2. Remedial action completed? X Y N N/A
Brief description of action taken: Floor was completely covered with new concrete 20 inches above old floor surface. Wood columns were cleaned and retested or labeled and wrapped in wood or masonry
3. # of Post Remedial Sample Rounds: 1
of Sampling Points: 4
Field Analyses? Y X N
Lab Analyses? X Y N

Section G: Associated Site Closure Information:

ATTACHMENTS:

- NA Construction documentation or as-built report for any constructed remedial action or portion of, or interim action specified in s. NR 724.02(1), in accordance with s. NR 724.15.
- G-1 Maps and photos documenting the cap area, and/or integrity of the cap, with date.
- G-2 Description of any soil performance standard cover system used, including a description of how it meets the requirement to be protective until residual contaminant concentrations no longer pose a threat to public health, safety, welfare or the environment, per s. NR 720.19(2), s. NR 722.09(2) and (3).
- G-3 Maintenance plan associated with 292.12 land use control or for performance standard remedy. (per ss. NR 720.19(2) and 724.13(2))

INFORMATION NEEDED:

1. Enforcement actions closed out? Y N X N/A
2. Permits closed out? Y N X NA
3. Describe how the following pathways are protected:
 - a) Direct Contact Pathway: The cap (structures, pavement, and clean soil) will prevent direct contact with residual soil contamination.
 - b) Groundwater: The source of groundwater contamination is off site. There are no sensitive receptors to groundwater on site.
 - c) Other: The low-level residual PCB contamination has been encapsulated to prevent direct contact.

SECTION H: Required GIS Registry Information: Use form 4400-245, GIS Registry Checklist, and form 4400-246, Impacted Off-Source Property Information. Submit these forms and their attachments with this closure request form.

WDNR BRRTS CASE # 02 - 13 - 262205

WDNR SITE NAME: Goodman Community Center

I certify that, to the best of my knowledge, the information presented on and attached to this form is true and accurate. This recommendation for case closure is based upon all available data as of October 7, 2008 (date). I have read the Case Closure Request Form instructions and all required information has been included.

Form Completed By: _____
(Signature) (Date)

☒ **\$750.00 Closure Review Fee Attached**
☐ **\$250.00 GIS Registry Maintenance Fee Attached (GW and/or monitoring well to be abandoned)**
☒ **\$200.00 GIS Registry Maintenance Fee Attached (Soil)**

Printed Name: Eric Oelkers

Company Name: BT², Inc.

Email address: eoelkers@bt2inc.com

If not site owner, relationship to site owner: Environmental consultant

Address: 2830 Dairy Drive City/Zip Code Madison 53718-6751

Telephone Number: (608) 224-2830 FAX Number: (608) 224-2839

Source Property Owner's Name (if different from person conducting the cleanup): _____

Goodman Community Center attn: Becky Steinhoff

Address: 149 Waubesa Street City/Zip Code Madison 53704

Telephone Number: (608) 241-1574 Email Address: becky@atwoodcc.org

Environmental Consultant (if different than above): _____

Address: _____ City/Zip Code _____

Email address: _____

Telephone Number: (_____) _____ FAX Number: (_____) _____

WDNR BRRTS CASE # 02 - 13 - 262205

WDNR SITE NAME: Goodman Community Center

FOR DEPARTMENT USE ONLY

PROJECT MANAGER: _____ Date Reviewed: _____

() Approved () Denied () Sent to Committee (Date: _____)

CLOSURE COMMITTEE DECISION ON CLOSURE:

FIRST COMMITTEE REVIEW DATE: _____ () Approved () Denied

(Signature)

(Signature)

(Signature)

(Signature)

COMMITTEE RECOMMENDATION:

_____ **Closure Approved With:**

- _____ No Restrictions
- _____ Listing on GIS Registry due to Groundwater impacts
- _____ Listing on GIS Registry due to Soil impacts
- _____ Zoning Verification
- _____ Well Abandonment Documentation
- _____ Soil Disposal Documentation
- _____ NR 140 Exemption For: _____
- _____ VPLE Insurance needed
- _____ ROW notification needed
- _____ Cap required, maintenance plan needed for cap
- _____ Structural Impediment – notification and investigation needed if change in land use
- _____ Maintain Zoning - Industrial Land Use soil standards applied
- _____ - notification needed if change in land use
- _____ Site Specific Closure Letter
- _____ Deed Restriction
- _____ Deed Notice
- _____ Other

Conditions/Comments: _____

_____ **Closure Denied, Needs More:**

- _____ Investigation
- _____ Groundwater Monitoring
- _____ Soil Remediation
- _____ Groundwater Remediation
- _____ Documentation of Soil Landspreading or Biopile Destiny
- _____ Specific Comments:

WDNR BRRTS CASE # 02 - 13 - 262205

WDNR SITE NAME: Goodman Community Center

FOR DEPARTMENT USE ONLY

PROJECT MANAGER: _____ Date Reviewed: _____

() Approved () Denied () Sent to Committee (Date: _____)

CLOSURE COMMITTEE DECISION ON CLOSURE:

SECOND COMMITTEE REVIEW DATE: _____ () Approved () Denied

(Signature)

(Signature)

(Signature)

(Signature)

COMMITTEE RECOMMENDATION:

_____ **Closure Approved With:**

- _____ No Restrictions
- _____ Listing on GIS Registry due to Groundwater impacts
- _____ Listing on GIS Registry due to Soil impacts
- _____ Zoning Verification
- _____ Deed Restriction
- _____ Deed Notice
- _____ Site Specific Close Out Letter
- _____ Well Abandonment Documentation
- _____ Soil Disposal Documentation
- _____ NR 140 Exemption For: _____
- _____ VPLE Insurance needed
- _____ Other Conditions/Comments: _____

_____ **Closure Denied, Needs More:**

- _____ Investigation
- _____ Groundwater Monitoring
- _____ Soil Remediation
- _____ Groundwater Remediation
- _____ Documentation of Soil Landspreading or Biopile Destiny
- _____ Specific Comments: _____

ATTACHMENT A

Case History and Closure Pathway Selected

- A-1 Closure Request Summary
- A-2 Site Location Map
- A-3 Pre-Development Site Plan
- A-4 Verification of Zoning
- A-5 Site Investigation and Remediation Chronology

ATTACHMENT A-1 (continued)

Closure Request Summary

Goodman Community Center
149 Waubesa Street, Madison, Wisconsin

1.0 BACKGROUND

1.1 Site Location

The location of the site is shown on **Figure A-2**, and the pre-redevelopment site features are shown on **Figure A-3**. The site is bounded by Waubesa Street to the west, a Union Pacific Railroad right-of-way (ROW) to the north, and a city-owned bike path on a former railroad roadbed to the south. The property is currently zoned "HIS-L M1" according to the City of Madison Assessor's office Web site (see **Attachment A-4**). The "HIS-L" indicates that the property is a designated historical landmark. The "M1" zoning is partly defined according to the Madison Municipal Code, section 28.10(4), as follows, "M1 limited manufacturing district is established to accommodate existing non-nuisance type industrial uses presently located in relative proximity to residential areas" The land use in the area of the site is a mix of residential and industrial. The Madison Kipp Corporation plant is located just south of the bike path.

1.2 Site Use History

This brief summary of the site history is based primarily on the more extensive description in Midwest Environics Phase 1 Environmental Site Assessment (ESA) dated October 31, 2000. The main brick building was constructed and expanded between approximately 1880 and 1920. The outdoor crane gantry and other buildings on the eastern portion of the property were constructed between 1942 and 1969. The primary occupants of the property were Steinle Machine Company, which manufactured lathes; Theo Kupfer Ironworks, which fabricated structural steel for buildings and bridges; and Durline Scales and Manufacturing, which manufactured truck scales. A railroad spur was located on the property underneath the crane gantry. Manufacturing activities performed at the property included metal cutting, welding, and machining, as well as sandblasting and painting. Several USTs and aboveground storage tanks (ASTs) were located on the property and were used for storing heating oil, diesel fuel, and gasoline.

2.0 SITE INVESTIGATION SUMMARY

2.1 Site Investigation and Remediation History

The history of environmental work at the site is summarized in **Table A-5**. Reports and correspondence documenting the environmental work at the site are listed in **Section 7.0 - References**. Previous property owners and potential buyers, including the GCC, have performed a series of investigations of the environmental conditions at the property. The WDNR reviewed the data produced by these investigations in June 1987 and January 2001, and concluded that additional investigation or remediation was not

ATTACHMENT A-1

Closure Request Summary

**Goodman Community Center
149 Waubesa Street, Madison, Wisconsin**

INTRODUCTION

The former Theo Kupfer Ironworks property has a long history of industrial use and has been the subject of several environmental investigations over the last 20 years. The Goodman Community Center (GCC), the current owner of the site, is in the final stages of redeveloping the site into a neighborhood community center. The change in land use from industrial to non-industrial required a re-evaluation of several environmental issues associated with the former manufacturing operations at the facility. This report describes how each issue has been addressed in a manner consistent with the new property use and provides justification for closure of the Wisconsin Department of Natural Resources (WDNR) environmental repair (ERP) case file with no further action.

The primary environmental contaminants that have been identified at the property include:

- Metals and polycyclic aromatic hydrocarbons (PAHs) in shallow soils;
- Polychlorinated biphenyls (PCBs) in isolated areas of interior concrete floors and wood columns;
- Low-level tetrachloroethene (PCE) in groundwater; and
- Limited soil and groundwater contamination from former petroleum underground storage tanks (USTs).

The only significant exposure route of concern identified at the site is direct contact with contaminated soils and surfaces; therefore, the goal of remediation efforts during site redevelopment was to eliminate the direct contact pathway. The specific remedial actions completed included partial soil excavation, capping of the remaining contaminated soil, and capping or removal of the PCB-contaminated surfaces.

ATTACHMENT A-1 (continued)

Closure Request Summary

Goodman Community Center 149 Waubesa Street, Madison, Wisconsin

2.1.3 Resource Engineering Associates Phase II ESA

Resource Engineering Associates (REA) collected soil samples at the site in November 2000 to address the recommendations in the Midwest Environics report. The December 12, 2000, REA report, "Soil Sampling Summary Report, Phase II Environmental Site Assessment, Durline Scales," documented results of metals (arsenic, cadmium, chromium, and lead) analyses of soils collected at depths of 4 and 8 feet from nine soil borings (B1 through B-9), and volatile organic compounds (VOCs) analyses of soils collected at depths of 2 to 8 feet in four borings (B7, B9, B10, and B13).

REA identified elevated concentrations of arsenic in soil greater than the WDNR residual contaminant level (RCL) for industrial sites, and also the RCL for non-industrial sites, in the 4-foot-deep samples from all borings. Concentrations of lead (and potentially chromium) also exceeded the non-industrial RCLs for these metals in the 4-foot samples from two borings (B8 and B9). Petroleum-related VOCs were detected in one of the borings installed in the paint building; however, none of the concentrations exceeded established RCLs. A low concentration of PCE was detected in a shallow soil sample near the southwest corner of the property (B-13).

REA submitted their report to the WDNR. Mr. Michael Schmoller of WDNR reviewed the report and responded with a letter on January 19, 2001, indicating that, "as long as the property stays in commercial or industrial use no further investigation or remediation are required at this time."

2.1.4 Gannett Fleming

Gannett Fleming reviewed the history of environmental actions at the site and presented their assessment to Mr. Milton Griep (a previous property owner) in a letter dated March 29, 2001. Gannett Fleming followed their historical review with a limited investigation consisting of groundwater sampling from eight Geoprobe™ (geoprobe) borings (GP1 through GP8) with laboratory analysis for arsenic, lead, and VOCs. The results of this investigation were documented in a letter to Mr. Griep dated May 17, 2001.

Lead, arsenic, and/or one or more VOCs were detected in the groundwater samples from each boring; however, only PCE was present at a level greater than the Wisconsin NR 140 groundwater enforcement standard (ES) (boring GP1). Lead was detected in five of the eight borings in concentrations between the ES and the preventive action limit (PAL). Trichloroethene (TCE) was also detected in one sample (boring GP-5) between the PAL and ES.

REA forwarded a copy of the Gannett Fleming letter report to WDNR on May 29, 2001, and on July 30, 2001, requested that the WDNR affirm that the chlorinated solvents (PCE and TCE) detected in the

ATTACHMENT A-1 (continued)

Closure Request Summary

**Goodman Community Center
149 Waubesa Street, Madison, Wisconsin**

necessary as long as the site use remained industrial. In September 2005, the WDNR reviewed additional environmental data collected by Williams Environmental Associates, Inc. (WEA), in the context of GCC's proposed end use. The WDNR's response letter dated September 13, 2005, requested that a formal closure request and a material management plan be submitted for their review prior to redevelopment of the site, based on their review of the site environmental conditions and proposed redevelopment plans.

The locations of soil and groundwater samples are shown on **Figure C-2**. Soil analytical results are summarized in **Tables C-1A** through **C-1C**. Groundwater analytical results are summarized in **Tables E-1A** and **E-1B**. PCB results are listed in **Table F-1**, and PCB sample locations are shown on **Figures F-2** and **F-3**.

2.1.1 Warzyn Investigation

The June 1987 Warzyn report "Environmental Audit and Remedial Investigation, Kupfer Iron Works Parcel, 149 Waubesa Street, Madison, Wisconsin," describes an environmental audit, the removal of four petroleum USTs, excavation of petroleum-contaminated soil, excavation of paint-contaminated soil, and groundwater monitoring. The audit identified several outdoor drum storage areas, outdoor lead battery storage, and paint staining below the gantry crane and on the gravel floor of the paint building. Groundwater samples collected from eight monitoring wells (W1 through W8) showed dissolved petroleum contamination in groundwater in the area of two USTs, and trace concentrations of chlorinated solvents near the south end of the garage building. Soil sampling from a single boring (B-1) in the painting area below the crane gantry detected elevated concentrations of metals such as arsenic, barium, chromium, lead, and zinc. Warzyn did not collect any confirmatory soil samples for laboratory analysis following the soil excavation in the areas of the USTs and the crane. The WDNR reviewed the Warzyn report and issued a "no further action" letter on June 29, 1987.

2.1.2 Midwest Environics Phase I ESA

The October 31, 2000, Midwest Environics, Inc., report, "Phase I Environmental Site Assessment of the Durline Scales and Manufacturing, Inc., Property at 149 Waubesa Street in the City of Madison, Dane County, Wisconsin," describes a thorough investigation of the site history and sources of potential contamination. The report recommended soil sampling at the outdoor drum storage and painting areas, at a fuel oil tank fill pipe, and beneath the floor of the painting building, as well as an asbestos survey of the site buildings.

ATTACHMENT A-1 (continued)

Closure Request Summary

Goodman Community Center 149 Waubesa Street, Madison, Wisconsin

Soil at the site consists of a varying thickness of fill consisting primarily of dark brown to black silty sand with gravel, cinders, and brick fragments overlying clay and silty clay. The fill ranges in thickness from 1 to 8 feet but is generally less than 5 feet. The clay and silty clay are underlain by fine sand or silty sand at a depth of about 6.5 to 10 feet. The silty sand extends to a depth of at least 25 below the ground surface (bgs).

Soil sampling and laboratory analysis for VOCs by Warzyn (B-1), REA (B-7, B-9, B-10, B-13), WEA, and BT² have demonstrated that VOCs in soil are not a significant concern at the site. One sample, REA B-13, contained 50 micrograms per kilogram (µg/kg) PCE; however, this compound was not detected in the other soil samples analyzed for VOCs. Although only limited soil samples were collected for laboratory analysis in the areas of the former USTs, the general absence of petroleum volatile organic compounds (PVOCs) in groundwater suggests that petroleum-contaminated soil in the former UST areas was successfully remediated.

WEA performed the most comprehensive investigation of shallow soil at the site. Analytical parameters for these samples included VOCs (discussed above), PAHs, and Resource Conservation and Recovery Act (RCRA) metals. The analytical samples were composites of five to six samples collected at the same depth from a defined area of the site.

- The PAHs detected in soils at depths of 0.0 to 0.5 feet and 4.0 to 4.5 feet bgs at concentrations greater than WDNR suggested generic RCLs based on the direct contact pathway include: benzo(a)anthracene; benzo(a)pyrene; benzo(b)fluoranthene; benzo(g,h,i)perylene; benzo(k)fluoranthene; chrysene; dibenzo(a,h)anthracene; indeno(1,2,3-cd)pyrene; and phenanthrene.
- The metals detected in shallow soils at concentrations that exceed NR 720 RCLs for non-industrial sites include: arsenic, lead, and potentially chromium (depending on speciation). The detected arsenic concentrations are in the range of 2.6 to 9.9 milligrams per kilogram (mg/kg) and appear to represent naturally occurring background conditions. The elevated lead (up to 3,410 mg/kg), and perhaps chromium (up to 60 mg/kg total), are at least partly related to historical operations at the site.

ATTACHMENT A-1 (continued)

Closure Request Summary

Goodman Community Center 149 Waubesa Street, Madison, Wisconsin

groundwater beneath the Ironworks property were from an off-site source located on the Madison Kipp Corporation property to the south. On August 9, 2001, the WDNR issued a liability exemption determination confirming that Durline Scales, the owner/occupant of the Ironworks property, was not liable for the chlorinated solvent contamination identified in the groundwater beneath the Ironworks property.

2.1.5 Williams Environmental Associates

GCC retained Williams Environmental Associates (WEA) to perform limited sampling on the site as part of a pre-purchase evaluation. WEA presented the results of their investigation in an August 2005 report and a September 2005 report attachment. WEA identified asbestos-containing materials (ACM) and lead-based paint associated with several of the buildings and the crane gantry; PCB contamination in the main building; and PAHs, lead, and arsenic in shallow soils. WEA's soil investigation was conducted as a screening exercise and relied primarily on composite soil samples. The composite soil samples consisted of discrete samples collected at the same depth from five to six soil borings within each of four areas of the site (A, B, C, and D). WEA provided documentation of the investigation results to WDNR.

Mr. Schmoller of WDNR responded in a letter dated September 13, 2005, and requested additional sampling for PCBs and the submittal of both a formal closure request and soil management plan prior to site redevelopment. WEA performed the requested PCB sampling in September 2005.

2.1.6 BT², Inc.

GCC hired BT² to assist with management of environmental issues during redevelopment of the property. BT² reviewed existing data and refined and implemented recommendations contained in the WEA report. BT² also collected an additional soil sample for contaminant analysis from one geotechnical boring (SB1) and additional wood samples for PCB analysis from columns inside the building. With cooperation from the City of Madison Engineering Division, BT² collected three soil samples from hand auger borings (HAB1 through HAB 3) in the city-owned ROW along the bike path. Lab results for the samples collected by BT² are included in **Attachment J**.

The samples from boring SB1 in the area of the proposed rain garden showed that soils below a depth of 1 foot did not contain contamination other than background concentrations of metals. The samples from the hand auger borings in the bike path ROW showed that the nature and concentrations of contamination on the city property were similar to those on the GCC property.

2.2 Soil Contamination

Soil contamination at the site appears to be related primarily to fill materials and manufacturing activities that occurred at the site. Soil analytical results are summarized in **Tables C-1A through C-1C**.

ATTACHMENT A-1 (continued)

Closure Request Summary

**Goodman Community Center
149 Waubesa Street, Madison, Wisconsin**

2.4 Groundwater

Two separate groundwater investigations, by Warzyn and Gannett Fleming, have demonstrated that there is no significant groundwater contamination at the site. The most recent sampling indicates that the only contamination in excess of NR 140 ES appears to be related to migration from an off-site source. Groundwater analytical results are summarized in **Tables E-1A** and **E-1B**.

The water table elevations observed in the Warzyn monitoring wells at the site ranged from 7 to 12 feet bgs. Warzyn's water level measurements are listed in **Table E-4**. The water table map (**Figure E-3**) prepared by Warzyn shows groundwater flow to the east-southeast at the north end of the site, and towards the west-southwest at the south end of the site. Water levels observed in the Gannett Fleming geoprobe borings ranged from 14 to 23 feet; however, these borings were advanced without visual examination of the soil (blind drilled) and it was unlikely that the apparent water level in the geoprobe sample tube had sufficient time to equilibrate to the water table.

Groundwater samples were collected by Warzyn in 1986 and 1987, and Gannett Fleming in 2001. Warzyn detected petroleum constituents in monitoring wells (W-1 and W-3) located near two of the former USTs; however, concentrations declined to levels below ES following excavation of petroleum-contaminated soil from the UST areas. (Note that W-1 was replaced by W-8 following the soil excavation around former UST number 3.) Groundwater sampling by Gannett Fleming in April 2001 confirmed that petroleum-related VOCs were not present at concentrations greater than PALs.

Warzyn detected a trace concentration of 1.6 micrograms per liter ($\mu\text{g/l}$) TCE in W-4 in 1986. TCE and PCE were not found above the detection limit of 1 $\mu\text{g/l}$ in samples from the other Warzyn wells. Groundwater sampling by Gannett Fleming in 2001 found 0.55 $\mu\text{g/l}$ TCE in boring GP-5, and 1.3 to 14 $\mu\text{g/l}$ PCE in borings GP-5, GP-7, GP-8, and GP-1; however, only the PCE concentration at GP-1 exceeded the ES of 5 $\mu\text{g/l}$.

Gannett Fleming also analyzed groundwater samples from their geoprobe borings for lead and arsenic. Several groundwater samples contained concentrations of lead and/or arsenic between the PAL and ES, but none of the concentrations exceeded the ES.

Based on the generally low concentrations of groundwater contamination, the absence of public water supply wells in the vicinity of the site, and the fact that WDNR has already provided a liability exemption for the chlorinated solvent contamination in groundwater based on the Gannett Fleming data, we believe that no further action is required with respect to groundwater.

ATTACHMENT A-1 (continued)

Closure Request Summary

Goodman Community Center 149 Waubesa Street, Madison, Wisconsin

In most cases the concentrations of metals and PAHs decline as the depth increases from 0.5 feet to 4.5 feet; however, almost all of the deeper samples contained one or more contaminants at concentrations greater than direct contact RCLs.

WEA also collected four shallow soil samples for PCB analysis at WDNR's request, following WDNR review of the initial investigation results. None of the four soil samples contained detectable concentrations of PCBs (WEA, 2005B).

The analyses performed by BT² of the samples collected from geotechnical boring SB1 did not contain significant concentrations of PAHs, VOCs, or metals other than arsenic within the range of background concentrations identified across the site. Lab results for the samples collected by BT² are included in **Attachment J**.

2.3 Interior Surfaces

Testing of isolated areas of oil staining on the interior surfaces of the main building identified that several of the oil stains contained moderate concentrations of PCBs. PCB results are listed in **Table F-1**, and PCB sample locations are shown on **Figures F-2** and **F-3**.

WEA's investigation identified isolated areas of PCB contamination associated with oil staining on the concrete floor and at least two wood columns in the manufacturing building. WEA's investigation included preliminary wipe sampling followed by shallow core sampling to confirm the presence of PCBs in porous surfaces such as wood or concrete. The results for core samples of concrete ranged from non-detectable (<1.0 mg/kg) to 2.7 mg/kg. The results for core samples of wood columns ranged from 3.5 to 10.6 mg/kg. Wood columns with PCB concentrations greater than 1 mg/kg included C6 and D12.

BT² collected core samples in June 2007 from four additional columns that appeared to be oil stained. Samples from columns C8, D6, D7, and D8 contained PCB concentrations ranging from 2.52 to 9.85 mg/kg. Lab results for the samples collected by BT² are included in **Attachment J**.

We understand that 40 CFR 761 requires porous surfaces in high occupancy areas to be cleaned up to <1 mg/kg PCBs for unrestricted closure. The regulations also allow PCBs up to 10 mg/kg to be capped in place.

ATTACHMENT A-1 (continued)

Closure Request Summary

Goodman Community Center 149 Waubesa Street, Madison, Wisconsin

GCC completed remediation activities in conjunction with the redevelopment of the site for the new community center in 2007 and 2008. Redevelopment activities included:

- complete restoration of the exterior of the main building
- complete renovation of the interior of the main building
- removal of a heating oil AST from the main building
- demolition of the garage, paint building, and sandblasting building
- construction of a detached gymnasium building
- sandblasting and re-painting the crane gantry
- regrading the site for improved drainage
- installation of paved parking areas, landscaping, and a rain garden

All ACMs were removed from the buildings prior to demolition and/or renovation. Lead-based paint was removed from the exterior crane gantry and the interior brick walls of the main building.

3.2.1 Soil Excavation

BT² used the proposed final site grades developed by Schreiber/Anderson Associates, Inc., and the proposed land cover (e.g., buildings, pavement, or landscaping) to identify a base grade for soil removal. Because the new site grades were generally lower than the pre-existing grades and because of the need to allow for the thickness of the pavement profile and clean soil cap in landscaped areas, there was no opportunity to reuse contaminated soils on site. BT² established the base of the excavation to allow for approximately 1 foot of paving and base course materials below areas to be surfaced with asphalt or concrete, and 2 feet of clean soil in areas to be landscaped. Based on the findings from the WEA report that indicated that some soil contamination extended to at least 4.5 feet below the pre-development grades, all soils excavated for the foundation of the new gymnasium were also assumed to be contaminated.

The GCC negotiated with Dane County to allow the soil excavated from the site to be disposed at the Dane County Landfill #2 (Rodefild).

BT² staked the planned sub-grade elevations and RBE excavated soil to the staked elevations within the property boundaries of the site in June and July 2007. The weight of soil hauled to the landfill during the initial grading was 7,888.22 tons. Following the collection of soil samples from hand auger borings in the city-owned ROW along the bike path, the receipt of approval from the Madison Engineering Division, and the relocation of buried utilities, RBE excavated to the planned sub-grade between the GCC property line

ATTACHMENT A-1 (continued)

Closure Request Summary

Goodman Community Center
149 Waubesa Street, Madison, Wisconsin

3.0 INTERIM AND REMEDIAL ACTIONS TAKEN

3.1 Historical Remediation

Warzyn supervised the excavation and removal of four petroleum USTs in October 1986. Tanks 1, 2, and 3 were located on the east and south sides of the former garage building, and Tank 4 was located north of the former boiler room at the northeast corner of the main building. The reported size and capacity of each tank is as follows:

1. 12,000 gallons/unleaded gasoline
2. Approximately 9,000 gallons/#2 fuel oil (formerly stored leaded gasoline)
3. 1,000 gallons/unleaded gasoline (formerly stored leaded gasoline)
4. 12,000 gallons/#2 fuel oil

Photo-ionization detector (PID) screening at the time of the UST removals suggested that the soil around all but one of the tanks showed some evidence of contamination. A limited amount of soil was excavated from around Tank 1 when the tank was removed. Additional soil was removed from the areas of Tanks 3 and 4 in November 1986 and April 1987 following investigation activities. The soil excavated from around the tanks was disposed at the Dane County landfill site #2 (Rodefild). Warzyn did not report the quantity of soil disposed.

Warzyn also supervised the disposal of "paint-stained" soil in the vicinity of their boring B-1 in December 1986. The excavation reportedly extended to a depth of 1.5 feet over an area of 6,900 square feet. This soil was disposed at the Madison Prairie landfill. Based on the dimensions of the excavation, approximately 383 cubic yards of paint stained soil were excavated for off-site disposal.

3.2 Recent Remediation

BT² worked with GCC staff, Vogel Brothers Building Company - the general contractor; Robinson Brothers Environmental, Inc. (RBE) - the remediation contractor; and Environmental Management Consulting, Inc. (EMC) - the consultant for asbestos and lead paint management, to address the remaining environmental issues at the site during redevelopment. The specific remediation tasks related to the closure of the WDNR Remediation and Redevelopment (R&R) case file included partial removal and capping of the residual soil contamination and the encapsulation of the residual PCB contamination inside the main building.

ATTACHMENT A-1 (continued)

Closure Request Summary

**Goodman Community Center
149 Waubesa Street, Madison, Wisconsin**

observed the cleaning operation. A copy of the AST Closure Checklist is included in **Attachment D-3**. The tank was disposed at Samuels Recycling Company in Madison.

4.0 RESIDUAL SOIL AND/OR GROUNDWATER CONTAMINATION

The uppermost foot of soil (fill) was removed from most of the site except perhaps in a few areas where the original ground surface may have already been more than a foot or two below the planned final grades. Visual inspection of the site following the grading work showed that little, if any, dark colored fill materials (silty sand with gravel, cinders, and brick fragments) remained after excavation to the sub-grade elevation. It is likely that some soil contamination remains in place, based on the results of the WEA investigation. The WEA investigation showed that concentrations of a few PAHs and lead were greater than generic RCLs for direct contact at a depth of 4 to 4.5 feet below the original ground surface elevation at the site.

As discussed in **Section 2.0**, VOCs in soil are not a significant concern at the site. WDNR reviews of previous investigations indicated that petroleum contamination from the former USTs has been remediated.

The groundwater at the site does not appear to be significantly impacted by the soil contamination at the site. In the most recent round of groundwater sampling, the only contaminant detected at a concentration greater than the NR 140 ES was PCE. The PCE contamination appears to be related to an off-site source on the Madison Kipp property. As noted in **Section 2.0**, WDNR issued a liability exemption determination confirming that the owner of the former Kupfer Ironworks property was not liable for the chlorinated solvent contamination identified in the groundwater beneath the Ironworks property.

5.0 RISK TO ACTUAL OR POTENTIAL RECEPTORS

Based on the results of the investigation and remediation work completed to date, the only risk associated with the residual contamination at the site is potential contact with contaminated soil or PCB contaminated surfaces. None of the soil samples from depths greater than 4 feet contained concentrations of PAHs greater than the generic RCL for migration to groundwater.

ATTACHMENT A-1 (continued)

Closure Request Summary

Goodman Community Center 149 Waubesa Street, Madison, Wisconsin

and the paved bike path in October 2007. The weight of soil hauled to the landfill from the grading in the city bike path ROW was 2,725.56 tons.

RBE hauled additional soil from utility excavations and from grading work for the driveway on the south side of the building in the spring of 2008. The weight of this additional soil disposed of at Rodefild was 2,882.82 tons. The total volume of soil disposed at Rodefild was 13,527.60 tons.

3.2.2 Soil Cap

Vogel Brothers supervised the installation of the soil cap as part of the site redevelopment process. The extent of the various capping materials are shown on **Figure D-1**. The cap includes the gymnasium, concrete walks, and landscaped areas covered with grass, mulch, or plantings. As described above, the contaminated soil at the site was removed to a depth to allow at least 1 foot of "impervious" paving materials or 2 feet of landscaping materials. The cap does not include the rain garden area at the east end of the site. Subsurface samples collected by BT² from boring SB1 at the location of the rain garden demonstrated that residual soil contamination is not present in this area. Photographs of the completed cap are included in **Attachment G-1**.

3.2.3 PCBs

All identified PCB-contaminated surfaces within the main building have been either cleaned or encapsulated. Vogel Brothers raised the entire production floor of the main building approximately 20 inches. The residual PCB contamination on the original concrete floor of the main building is therefore covered with gravel and a new poured concrete floor. The bottom sections of the wooden support columns were cut off at an elevation approximately 18 inches above the new concrete floor and replaced with steel supports. RBE then washed the remaining upper portions of the wood columns with a cleaning solution to remove the 100-year accumulation of industrial grime. During construction, columns C6 and D6 were encased in cinder blocks.

BT²'s retesting of the remaining portions of wood columns C8, D7, D8, and D12 showed that residual PCB concentrations exceeded 1 mg/kg only at column D-12. Column D-12 was therefore wrapped and covered with a new layer of wood trim. Mr. Rich Hamus of Vogel Brothers confirmed that the columns with residual PCB contamination were labeled as PCB-contaminated before they were covered.

3.2.4 Heating Oil AST Removal

On September 12, 2007, BT² cleaned and removed a 275-gallon heating oil AST that had been located north of the office area inside the main building. Ms. Cheryl Peterson of the Madison Fire Department

ATTACHMENT A-1 (continued)

Closure Request Summary

**Goodman Community Center
149 Waubesa Street, Madison, Wisconsin**

The low concentrations of contaminants in the groundwater, despite the long history of industrial use of the site, indicate that the residual soil contamination does not pose a serious threat to groundwater quality. The nearest public water supply wells, Madison Water Utility unit wells 3, 8, and 11, are located 2,300 to 7,000 feet from the site.

6.0 JUSTIFICATION FOR CLOSURE

We believe that closure of the site under NR 726 is appropriate based on the results of several phases of site investigation and remediation completed over the last 22 years. The specific reasons for a no further action determination for this site include the following:

- A large volume of contaminated soil, over 9,000 cubic yards, has been removed from the site for proper disposal.
- The residual soil contamination at the site has effectively been capped with buildings, pavement, or 2 feet of clean soil to remove the possibility of direct contact with contaminants.
- The only VOC detected in groundwater at a concentration greater than the ES in the most recent round of sampling is related to an off-site source.
- The results of both soil and groundwater sampling over time demonstrate that the residual soil contamination does not present a threat to groundwater quality.
- The residual PCB concentrations inside the main building are all less than 10 mg/kg and are effectively capped to prevent direct contact.

Based on these findings, we request that WDNR close the R&R file on this site with a listing on the Geographic Information System (GIS) Registry for residual soil contamination.

ATTACHMENT A-1 (continued)

Closure Request Summary

**Goodman Community Center
149 Waubesa Street, Madison, Wisconsin**

7.0 REFERENCES

Gannett Fleming, Inc., 2001, Groundwater Sample Results, Durline Scales Property, 149 Waubesa Street, Madison, Wisconsin: Madison, WI, May 17, 2001.

Midwest Environics, Inc., 2000, Phase 1 Environmental Site Assessment of the Durline Scales and Manufacturing, Inc., Property at 149 Waubesa Street in the City of Madison, Dane County, Wisconsin: Middleton, WI, October 31, 2000.

Resource Engineering Associates, Inc. (REA), 2000, Soil Sampling Summary Report, Phase II Environmental Site Assessment, Durline Scales, 149 Waubesa Street, Madison, Wisconsin 53704: Middleton, WI, December 12, 2000.

Warzyn Engineering, Inc. (Warzyn), 1987, Environmental Audit and Remedial Investigation, Kupfer Iron Works Parcel, 149 Waubesa Street, Madison, Wisconsin: Madison, WI, June 16, 1987.

Williams Environmental Associates, Inc. (WEA), 2005, Environmental Sampling, Ironworks Property, 149 Waubesa Street, Madison, Wisconsin: Madison, WI, August 15, 2005.

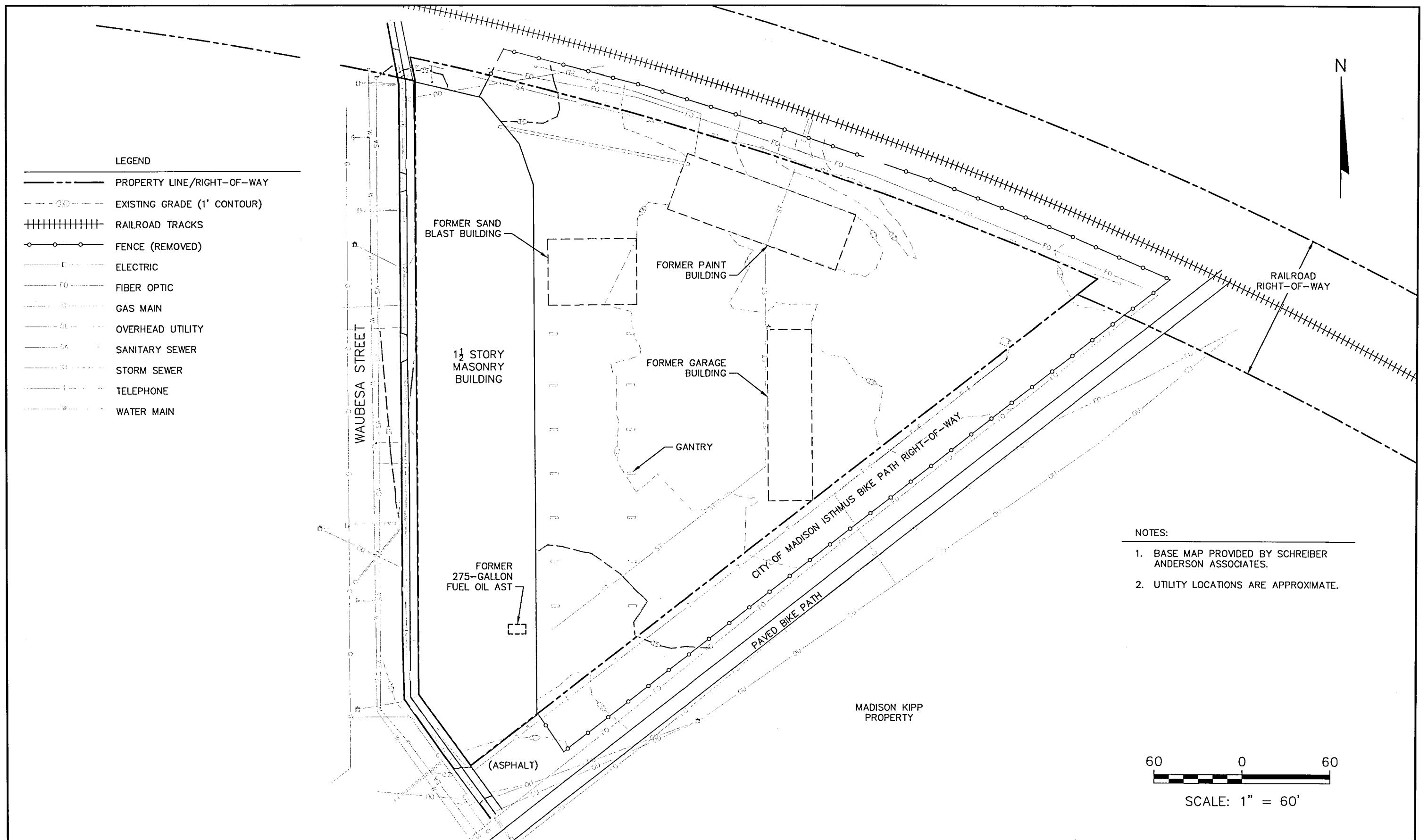
WEA, 2005(A), Request for Technical Assistance, Ironworks Property, 149 Waubesa Street, Madison, Wisconsin: Madison, WI, August 26, 2005.

WEA, 2005(B), Letter from Mark Williams to Michael Schmoller, Re: Soil Sampling, Ironworks Property, 149 Waubesa Street, Madison: Madison, WI, October 13, 2005.

Wisconsin Department of Natural Resources (WDNR), 1986, Letter From Patricia Kandziora to Mr. T.J. Gerhardt Re: Additional Work at 149 Waubesa Street: Fitchburg, WI, December 22, 1986.

WDNR, 1987, Letter From Patricia Kandziora to Warzyn Re: No Further Remedial Action at 149 Waubesa Street: Fitchburg, WI, June 29, 1987.

WDNR, 2005, Letter from Michael Schmoller to Ms. Becky Steinhoff Re: Technical Review – Ironworks Property, 149 Waubesa Street, Madison: Fitchburg, WI, September 13, 2005.



PROJECT NO.	3320	DRAWN BY:	KRG/KP		2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830 FAX: (608) 224-2839	CLIENT GOODMAN COMMUNITY CENTER 149 WAUBESA STREET MADISON, WISCONSIN 53704 PHONE: (608) 241-1574	SITE GOODMAN COMMUNITY CENTER 149 WAUBESA STREET MADISON, WISCONSIN	PRE-DEVELOPMENT SITE PLAN	FIGURE A-3
DRAWN:	05/18/07	CHECKED BY:	EN						
REVISED:	10/07/08	APPROVED BY:							



Attachment A-4
City of Madison - Assessor's Office
Property Information

General Information

Parcel Number: 071005305018
Address: 149 Waubesa St

Owner: KUPFER CENTER LLC
% FCI
Mailing Address: 211 S PATERSON ST # 160
City, State, Zip: MADISON, WI 53703-0000

Property Class: Commercial
Property Use: Commercial exempt
Assessment Area: 9911
[Sales for this Area](#)
[Assessment Area Map \(PDF\)](#)

Refuse District: 03A
[Refuse collection schedule](#)

Residential Bldg Info

Home Style:
No. of Dwelling Units: 0

Number of Stories: 0
Year Built: 0
Number of bedrooms: 0
Number of full baths: 0
Number of half baths: 0

Total Living Area: 0
First Floor Area: 0
Second Floor Area: 0
Third Floor Area: 0
Above Third Floor: 0

Finished Attic Area: 0
Basement: 0
Fin. Basement Area: 0
Exterior Wall:

Fireplace: 0
Central Air:
Garage 1:
Number of Stalls: 0.0

Screen Produced: 09/08/08 11:42

Assessment Info

	2008	2007
Land	\$0	\$0
Improvements:	\$0	\$0
Total:	\$0	\$0

2007 Tax Info

Net Taxes: \$0.00
Special Assmnt: \$0.00
Other: \$0.00
Total: \$0.00

2007 Tax - Pay Online**Parcel Information**

Lot Size: 40,330
Zoning: HIS-L M1
Frontage: 473 - Waubesa St
Water Frontage: NO
TIF District: 37
School District: Madison
Elementary: Lowell
Middle: O'Keeffe
High School: East

Aldersperson: Marsha Rummel

Zoning

Sales Information**Legal Description****2007 Tax Info****Special Assessment**

Please click here for help about
viewing a map of this parcel.

Click the button below to view a map of this
parcel.

[View Map](#)

☐ Check to show Aerial Photo on map
(optional)



City of Madison - Assessor's Office

Property Information

General Information

Parcel Number: 071005305068
Address: 2 Waubesa Ct

Owner: IRWIN & ROBERT GOODMAN
COMMUNITY CENTER INC

Mailing Address: 2425 ATWOOD AVE
City, St, Zip: MADISON, WI 53704-0000

Property Class: Commercial
Property Use: Commercial exempt
Assessment Area: 9911
[Sales for this Area](#)
[Assessment Area Map \(PDF\)](#)

Refuse District: 03A
[Refuse collection schedule](#)

Residential Bldg Info

Home Style:
No. of Dwelling Units: 0

Number of Stories: 0

Year Built: 0
Number of bedrooms: 0
Number of full baths: 0
Number of half baths: 0

Total Living Area: 0
First Floor Area: 0
Second Floor Area: 0
Third Floor Area: 0
Above Third Floor: 0

Finished Attic Area: 0
Basement: 0
Fin. Basement Area: 0
Exterior Wall:

Fireplace: 0

Central Air:

Garage 1:

Number of Stalls: 0.0

Screen Produced: 09/17/08 10:16

Assessment Info

	2008	2007
Land	\$0	\$0
Improvements:	\$0	\$0
Total:	\$0	\$0

2007 Tax Info

Net Taxes: \$0.00
Special Assmnt: \$0.00
Other: \$0.00
Total: \$0.00

2007 Tax - Pay Online

Parcel Information

Lot Size: 79,894
Zoning: M1

Frontage: 471 - Waubesa Ct
Water Frontage: NO
TIF District: 37
School District: Madison
Elementary: Lowell
Middle: O'Keeffe
High School: East

Aldersperson: Marsha Rummel

Sales Information

Legal Description

2007 Tax Info

Special Assessment

**Please [click here](#) for help about
viewing a map of this parcel.**

**Click the button below to view a map of this
parcel.**

View Map

☐ Check to show Aerial Photo on map
(optional)



City of Madison - Assessor's Office

Property Information

General Information

Parcel Number: 071005305034
Address: 176 S Fair Oaks Ave
Owner: CITY OF MADISON ENGINEER
WALKWAYS & BIKEPATHS 536
Mailing Address: 210 MLK JR BLVD RM 115
City, St, Zip: MADISON, WI 53703-3342
Property Class: Residential
Property Use: Vacant
Assessment Area: 6601
Sales for this Area
[Assessment Area Map \(PDF\)](#)
Refuse District: 03A
Refuse collection schedule

Residential Bldg Info

Home Style:
No. of Dwelling Units: 0
Number of Stories: 0
Year Built: 0
Number of bedrooms: 0
Number of full baths: 0
Number of half baths: 0
Total Living Area: 0
First Floor Area: 0
Second Floor Area: 0
Third Floor Area: 0
Above Third Floor: 0
Finished Attic Area: 0
Basement: 0
Fin. Basement Area: 0
Exterior Wall:

Fireplace: 0
Central Air:
Garage 1:
Number of Stalls: 0.0
Screen Produced: 09/17/08 11:00

Assessment Info

	2008	2007
Land	\$0	\$0
Improvements:	\$0	\$0
Total:	\$0	\$0

2007 Tax Info

Net Taxes: \$0.00
Special Assmnt: \$0.00
Other: \$0.00
Total: \$0.00

2007 Tax - Pay Online

Parcel Information

Lot Size: 78,142
Zoning: M1
Frontage: 25 - S Fair Oaks Ave
Water Frontage: NO
TIF District: 37
School District: Madison
Elementary: Lowell
Middle: O'Keeffe
High School: East
Aldersperson: Marsha Rummel

Sales Information

Legal Description

2007 Tax Info

Special Assessment

[Please click here](#) for help about
viewing a map of this parcel.

Click the button below to view a map of this
parcel.

[View Map](#)

☐ Check to show Aerial Photo on map
(optional)



City of Madison - Assessor's Office Property Information

General Information

Parcel Number: 071005305042
Address: 109 Waubesa St

Owner: UNION PACIFIC RAILROAD CO
REAL ESTATE DEPT
Mailing Address: 1400 DOUGLAS STOP 1640
City, St, Zip: OMAHA, NE 68179-1640

Property Class: Residential
Property Use: Vacant
Assessment Area: 6601
Sales for this Area
[Assessment Area Map \(PDF\)](#)
Refuse District: 03A
Refuse collection schedule

Residential Bldg Info

Home Style:
No. of Dwelling Units: 0
Number of Stories: 0
Year Built: 0
Number of bedrooms: 0
Number of full baths: 0
Number of half baths: 0

Total Living Area: 0
First Floor Area: 0
Second Floor Area: 0
Third Floor Area: 0
Above Third Floor: 0

Finished Attic Area: 0
Basement: 0
Fin. Basement Area: 0
Exterior Wall:

Fireplace: 0
Central Air:
Garage 1:
Number of Stalls: 0.0
Screen Produced: 09/17/08 12:16

Assessment Info

	2008	2007
Land	\$0	\$0
Improvements:	\$0	\$0
Total:	\$0	\$0

2007 Tax Info

Net Taxes:	\$0.00
Special Assmnt:	\$0.00
Other:	\$0.00
Total:	\$0.00

[2007 Tax - Pay Online](#)

Parcel Information

Lot Size: 30,320
Zoning: M1
Frontage: 63 - Waubesa St
Water Frontage: NO
TIF District: 37
School District: Madison
Elementary: Lowell
Middle: O'Keeffe
High School: East

Aldersperson: Marsha Rummel

Sales Information

Legal Description

2007 Tax Info

Special Assessment

Please click here for help about
viewing a map of this parcel.

Click the button below to view a map of this
parcel.

[View Map](#)

☐ Check to show Aerial Photo on map
(optional)

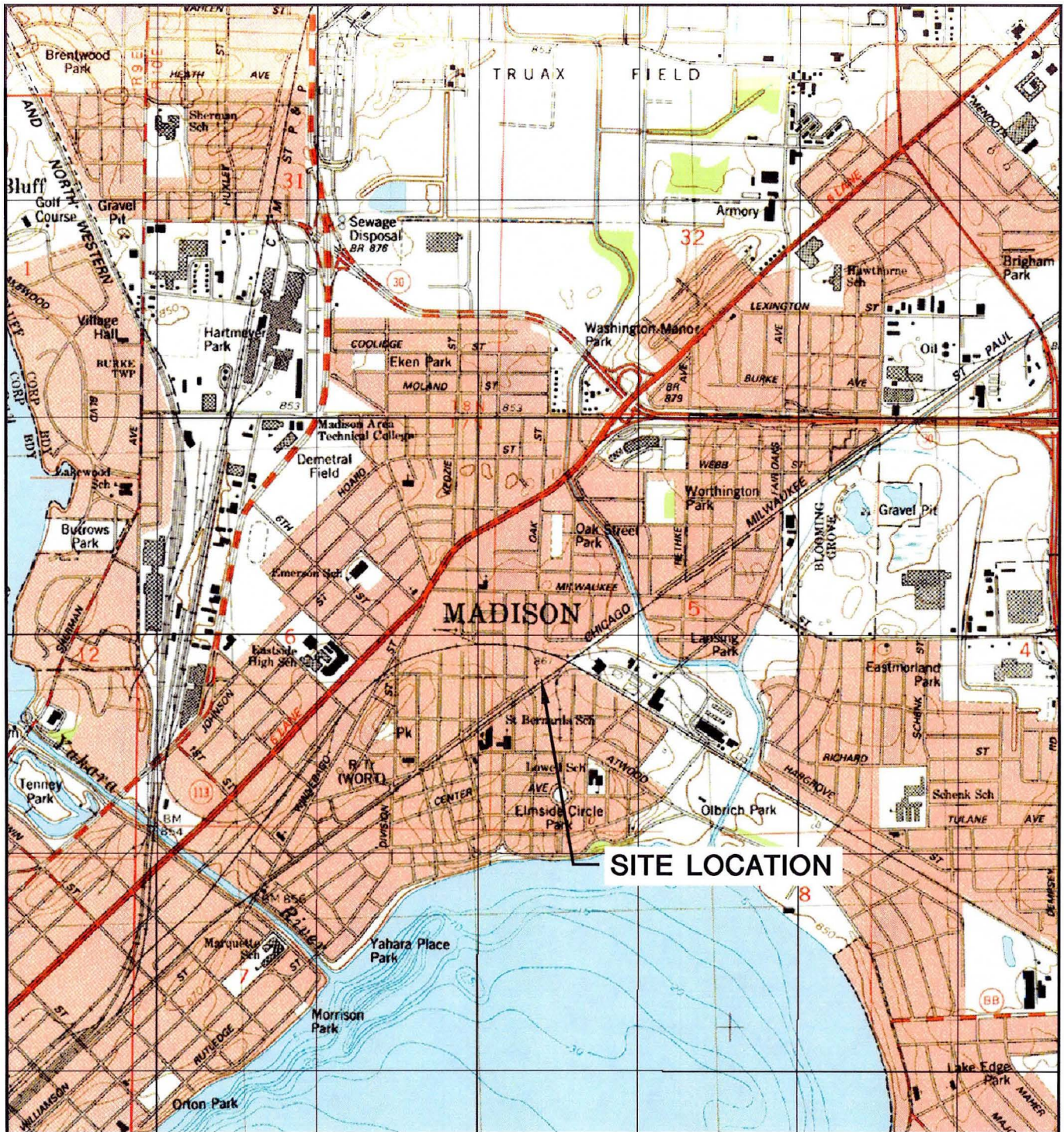
Table A-5
Site Investigation and Remediation Chronology
Kupfer Center
140 Waubesa Street, Madison, Wisconsin
BT² Project #3320

Date	Source	Event Type	Event Description
October 6, 1986	Warzyn	Field	Removal of four gasoline and fuel oil tanks and limited excavation of associated contaminated soils
October 12, 1986	Warzyn	Field	Sampling of soil borings B1 through B4
October 31, 1996	Warzyn	Field	Groundwater sampling from W-1 through W-9
November 21, 1986	Warzyn	Field	Groundwater sampling from W-5, W-6, and W-7
December 22, 1986	WDNR	Letter	Request for additional groundwater sampling and excavation of paint-contaminated soil
March 25, 1987	Warzyn	Field	Groundwater sampling from W-1, W-3, and W-5
May 15, 1987	Warzyn	Field	Groundwater sampling from W-3, W-5, and W-8
June 16, 1987	Warzyn	Report	"Environmental Audit and Remedial Investigation"
June 29, 1987	WDNR	Letter	Approval for no further remedial action
NLT April 1990		Sale	Durline Scales & Manufacturing, Inc., purchases the property
October 31, 2000	Midwest Environics	Report	"Phase 1 Environmental Site Assessment"
November 17, 2000	REA	Field	Soil sampling from borings B-1 through B-13
December 12, 2000	REA	Report	"Soil Sampling Summary Report"
December 15, 2000	REA	Letter	Cover letter for submittal of REA Soil Sampling Summary report to WDNR
January 19, 2001	WDNR	Letter	WDNR confirms no further action determination contingent on continued commercial or industrial property use
March 29, 2001	Gannett Fleming	Letter	Review and comment on work completed since 1987
April 28, 2001	Gannett Fleming	Field	Groundwater sampling from direct push borings GP-1 through GP-8
March 29, 2001	Gannett Fleming	Letter	Groundwater Sample Results
May 29, 2001	REA	Letter	Cover letter from submittal of GF groundwater results letter to WDNR
July 30, 2001	REA	Letter	Off-site exemption request for PCE detected in groundwater
August 9, 2001	WDNR	Letter	WDNR agrees that PCE is from an off-site source and that Durline is not liable for cleanup
NLT December 2001		Sale	Ironworks Development purchases the property

Table A-5
Site Investigation and Remediation Chronology
Kupfer Center
140 Waubesa Street, Madison, Wisconsin
BT² Project #3320

Date	Source	Event Type	Event Description
May 18, 2005	WEA	Memo	Review and comment on environmental work since 1987
June 27, 2005	WEA	Field	PCB sampling from interior building surfaces
June 29, 2005	WEA	Field	Soil sampling
July 8, 2005	WEA	Field	Soil Sampling
July 25, 2005	WEA	Field	PCB core samples from interior building materials
August 15, 2005	WEA	Report	"Environmental Sampling, Ironworks Property"
January 5, 2006		Sale	Kupfer Center, LLC purchases the property
March 19, 2007	BT ²	Field	Soil sampling from geotechnical boring SB1
June 4, 2007	BT ²	Field	Core sampling wood columns for PCBs
June 12, 2007	BT ²	Letter	Summary of status of environmental issues
June 14, 2007	BT ²	Memo	Summary of meeting with WDNR regarding approach for addressing outstanding environmental issues
Mid to Late June 2007	RBE	Field	Excavation of contaminated soil to subgrade
July 6, 2007	BT ²	Field	Soil sampling from hand auger borings along bike path
Mid October	RBE	Field	Excavation of contaminated soil to subgrade along bike path
March 28, 2008	BT ²	Field	Resampled four wood columns for PCBs

I:\3320\Tables-General\[Chronology.xls]Sheet1



MADISON EAST QUADRANGLE
 WISCONSIN-DANE CO.
 7.5 MINUTE SERIES (TOPOGRAPHIC)
 SE/4 MADISON 15' QUADRANGLE
 1983
 SCALE: 1" = 2,000'

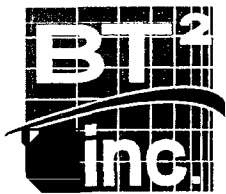


CLIENT GOODMAN COMMUNITY CENTER 149 WAUBESA STREET MADISON, WISCONSIN 53704 PHONE: (608) 241-1574	SITE GOODMAN COMMUNITY CENTER 149 WAUBESA STREET MADISON, WISCONSIN	SITE LOCATION MAP	
PROJECT NO. 3320 DRAWN: 05/25/07 REVISED: 09/11/08	DRAWN BY: KP CHECKED BY: EN APPROVED BY:	BT² inc. 2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830 FAX: (608) 224-2839	FIGURE A-2

ATTACHMENT B

Receptor Summary

B-1 Notification(s) Regarding Contamination in ROW



October 3, 2008

Mr. Garry Malmberg
Sr. Manager - Real Estate
Union Pacific Railroad
1400 Douglas St. STOP 1690
Omaha NE 68179-1690

**SUBJECT: Notification of Potential Soil Contamination in Right-of-Way
Union Pacific Railroad adjacent to 149 Waubesa Street
Madison, Wisconsin
WDNR BRRTS #02-13-262205
BT² Project #3320A**

Dear Mr. Malmberg:

On behalf of the Goodman Community Center, BT², Inc., is providing you with notification of potential soil contamination in the Union Pacific Railroad (UPRR) right-of-way (ROW). This letter is being sent as a requirement of site closure under Wis. Admin. Code NR 726.05(2)(a)(4).

The Wisconsin Department of Natural Resources (WDNR) will be reviewing the former Theo Kupfer Ironworks case to determine if it can be closed. The Kupfer site is now owned by the Goodman Community Center and has been redeveloped for use as a community center. A condition of case closure is that the site will be added to the WDNR geographical information system (GIS) Registry of Closed Remediation Sites.

The soil on the former Kupfer property is contaminated with concentrations of polycyclic aromatic hydrocarbons (PAHs) and lead greater than WDNR generic residual contaminant levels for non-industrial sites. Soil samples collected adjacent to the southern edge of the UPRR ROW indicate that the same contaminants are likely present within the railroad ROW at depths ranging from the ground surface to more than 4 feet. The soil contamination appears to be at least partly related to historical fill materials located on both the former Kupfer property and the railroad property.

After the site is closed, a summary of the soil sample results will be available on the WDNR GIS website at <http://dnrm.wisconsin.gov/imf/imf.jsp?site=brrts2>. If you need more information, please contact me at (608) 216-7341.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Oelkers", written in a cursive style.

Eric Oelkers, P.G.
Project Hydrogeologist

cc: Ms. Becky Steinhoff, Goodman Community Center

EO/SMS

I:\3320\2008 closure\Madison_row_notification_080915_ltr.doc



October 3, 2008

Mr. Larry Nelson
City Engineer
City of Madison Engineering Division
210 Martin Luther King, Jr. Boulevard, Room 115
Madison, WI 53710

**SUBJECT: Notification of Soil Contamination in Right-of-Way
City of Madison Bike Path/Waubesa Court
Adjacent To 149 Waubesa Street, Madison Wisconsin
WDNR BRRTS #02-13-262205
BT² Project #3320A**

Dear Mr. Nelson:

On behalf of the Goodman Community Center, BT², Inc., is providing you with notification of residual soil contamination in the City of Madison Bike Path/Waubesa Court right-of-way. This letter is being sent as a requirement of site closure under Wis. Admin. Code NR 726.05(2)(a)(4).

The Wisconsin Department of Natural Resources (WDNR) will be reviewing the former Theo Kupfer Ironworks case to determine if it can be closed. The Kupfer site is now owned by the Goodman Community Center and has been redeveloped for use as a community center. A condition of case closure is that the site will be added to the WDNR geographical information system (GIS) Registry of Closed Remediation Sites.

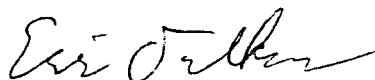
The soil on the former Kupfer property is contaminated with concentrations of polycyclic aromatic hydrocarbons (PAHs) and lead greater than WDNR generic residual contaminant levels (RCLs) for non-industrial sites. The same soil contaminants have also been detected in the former railroad corridor adjacent to south side of the former Kupfer property. The former railroad corridor is now owned by the city of Madison and is used as a bicycle path. The contamination appears to be at least partly related to historical fill materials located on both the former Kupfer property and the city property.

During the redevelopment of the Kupfer site, the Goodman Community center removed the uppermost layer of soil on both the former Kupfer property and the portion of city-owned land between the south Kupfer property line and the north edge of the bike path pavement. This area has now been capped with pavement or 2 feet of clean soil to prevent direct contact with residual soil contamination. It is likely that some soil contamination greater than RCLs remains in place on the city-owned property below the bike path pavement or below the clean soil cap.

Mr. Larry Nelson
October 3, 2008
Page 2

We will send you a complete copy of the closure request when we submit the request to WDNR. After the site is closed, a summary of the soil sample results will be available on the WDNR geographical information system website at <http://dnrmapping.wisconsin.gov/imf/imf.jsp?site=brrts2>. If you need more information, please contact me at (608) 216-7341.

Sincerely,



Eric Oelkers, P.G.
Project Hydrogeologist

cc: Ms. Becky Steinhoff, Goodman Community Center

EO/SMS

I:\3320\2008 closure\Madison_row_notification_080915_ltr.doc

ATTACHMENT C

Soil Investigation Information

- C-1 Soil Analytical Results Summary Tables
 - C-1A Soil Analytical Results Summary - Metals
 - C-1B Soil Analytical Results Summary - VOCs
 - C-1C Soil Analytical Results Summary - PAHs
- C-2 Pre-Remedial Soil Sampling Locations
- C-3 Pre-Remedial Geologic Cross Section A-A'
- C-4 Pre-Remedial Geologic Cross Section B-B'

Table C-1A
Soil Analytical Results Summary - Metals
149 Waubesa / BT² Project #3320A
(Results are in mg/kg)

Sample	Date	Depth (feet)	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver	Zinc
B1 (Warzyn)	10/24/1986	0.5	<u>20.4</u>	4,000	3.13	1,180	<u>12,600</u>	0.111	<0.05	1.76	2,710
B1 (Warzyn)	10/24/1986	4	<u>15</u>	121	0.83	34.5	<19.8	0.052	<0.04	<0.80	43.6
B1 (Warzyn)	10/24/1986	6.5	<u>14.8</u>	192	0.56	41.5	<u>131</u>	0.049	<0.03	<0.50	61.1
B1 (REA)	11/17/2000	4	<u>4.8</u>	NA	<0.033	19	7.4	NA	NA	NA	NA
B1 (REA)	11/17/2000	8	<0.66	NA	<0.033	5.7	2.5	NA	NA	NA	NA
B2 (REA)	11/17/2000	4	<u>1.7</u>	NA	<0.043	20.5	5.9	NA	NA	NA	NA
B2 (REA)	11/17/2000	8	<u>2.2</u>	NA	<0.035	10.4	3.6	NA	NA	NA	NA
B3 (REA)	11/17/2000	4	<u>5.3</u>	NA	<0.041	20.4	9.6	NA	NA	NA	NA
B3 (REA)	11/17/2000	8	<0.63	NA	<0.032	16.5	5.5	NA	NA	NA	NA
B4 (REA)	11/17/2000	4	<u>3.7</u>	NA	<0.030	11.3	26.9	NA	NA	NA	NA
B4 (REA)	11/17/2000	8	<0.87	NA	<0.043	19.2	6.2	NA	NA	NA	NA
B5 (REA)	11/17/2000	4	<u>8.2</u>	NA	<0.037	21.7	12.6	NA	NA	NA	NA
B5 (REA)	11/17/2000	8	<0.082	NA	<0.041	15.7	4.6	NA	NA	NA	NA
B6 (REA)	11/17/2000	4	<u>4.4</u>	NA	<0.045	21	18.1	NA	NA	NA	NA
B6 (REA)	11/17/2000	8	<0.080	NA	<0.040	3	0.95	NA	NA	NA	NA
B7 (REA)	11/17/2000	4	<u>8.0</u>	NA	<0.052	21.4	19.2	NA	NA	NA	NA
B7 (REA)	11/17/2000	8	<u>2.3</u>	NA	<0.036	11.7	5.2	NA	NA	NA	NA
B8 (REA)	11/17/2000	4	<u>6.9</u>	NA	<0.032	46.8	<u>395</u>	NA	NA	NA	NA
B8 (REA)	11/17/2000	8	<u>5.4</u>	NA	<0.034	18	8.2	NA	NA	NA	NA
B9 (REA)	11/17/2000	4	<u>6.7</u>	NA	<0.033	14.8	<u>105</u>	NA	NA	NA	NA
B9 (REA)	11/17/2000	8	<u>4.5</u>	NA	<0.048	16.6	7.1	NA	NA	NA	NA

Table C-1A
Soil Analytical Results Summary - Metals
149 Waubesa / BT² Project #3320A
(Results are in mg/kg)

Sample	Date	Depth (feet)	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver	Zinc
S0629.01 (WEA)	6/29/2005	surface	<u>18.4</u>	75.2	<u>11.9</u>	522	<u>76.5</u>	0.0019	<0.25	2.1	NA
0708A.01 (WEA)	7/8/2005	0 - 0.5	<u>9.9</u>	168	2.0	47.3	<u>705</u>	0.077	<0.35	<0.21	NA
0708A.02 (WEA)	7/8/2005	4.0 - 4.5	<u>4.5</u>	125	0.39	18.8	30.8	0.03	<0.44	0.45	NA
0708A.03 (WEA)	7/8/2005	8.0 - 8.5	<u>2.6</u>	97.3	0.47	12.1	7.8	0.032	<0.33	0.32	NA
0708B.01 (WEA)	7/8/2005	0 - 0.5	<u>9.0</u>	225	1.3	21.5	<u>327</u>	0.034	<0.30	<0.18	NA
0708B.02 (WEA)	7/8/2005	4.0 - 4.5	<u>4.5</u>	129	0.61	15.6	<u>51</u>	0.032	<0.46	0.84	NA
0708C.01 (WEA)	7/8/2005	0 - 0.5	<u>2.4</u>	84	1.0	52.6	<u>615</u>	0.024	<0.33	<0.20	NA
0708C.02 (WEA)	7/8/2005	4.0 - 4.5	<u>2.7</u>	103	0.4	19	<u>54.1</u>	0.02	<0.32	0.45	NA
0708D.01 (WEA)	7/8/2005	0 - 0.5	<u>5.8</u>	130	1.3	52.1	<u>3,410</u>	0.031	<0.42	<0.25	NA
0708D.02 (WEA)	7/8/2005	4.0 - 4.5	<u>3.5</u>	86.7	0.57	16	<u>95.4</u>	0.036	0.43	0.22	NA
0708PB.01 (WEA)	7/8/2005	0 - 0.5	<u>4.8</u>	16.4	0.86	28	<u>82.2</u>	0.0099	<0.30	<0.18	NA
0708PB.02 (WEA)	7/8/2005	4.0 - 4.5	<u>2.2</u>	122	0.84	60	<u>325</u>	0.022	<0.27	<0.16	NA
SB1 (BT ²)	3/19/2007	1-2.5	<u>6.9</u>	120	0.48	10	11	<0.012	<4.8	<0.13	NA
	3/19/2007	3.5-5	<u>5.7</u>	91	0.53	12	8.4	0.021	<5.0	<0.14	NA
HAB1 (BT ²)	7/6/2007	0.5-1.5	<u>5.4</u>	95	0.69	12	<u>320</u>	0.94	<0.51	<0.092	NA
HAB2 (BT ²)	7/6/2007	0.3-2.0	<u>4.7</u>	51	0.6	19	<u>110</u>	0.034 A	<1.0 C	<0.092	NA
HAB3 (BT ²)	7/6/2007	0.3-1.7	<u>7.8</u>	100	2.0	15	<u>430</u>	0.16	<0.53	0.14 Q	NA
NR 720 RCLs Non-Industrial			0.039	NE	8	(a)	50	NE	NE	NE	NE
NR 720 RCLs Industrial			1.6	NE	510	(a)	500	NE	NE	NE	NE

ABBREVIATIONS:

mg/kg = milligrams per kilogram or parts per million (ppm)
REA = Resource Engineering Associates

-- = Not Applicable
WEA = Williams Environmental Associates

NE = No Standard Established

Table C-1A
Soil Analytical Results Summary - Metals
149 Waubesa / BT² Project #3320A

NOTES:

(a) Chromium, hexavalent non-industrial = 14 mg/kg; industrial = 200 mg/kg. Chromium, trivalent non-industrial = 16,000 mg/kg; industrial = not applicable.

Bold+underlined values exceed NR 720 RCLs.

NR 720 RCLs Non-Industrial = NR 720 Table 2 Residual Contaminant Levels (RCLs) Based On Human Health Risk From Direct Contact Related To Land Use for Non-Industrial.

NR 720 RCLs Industrial = NR 720 RCLs Table 2 Based On Human Health Risk From Direct Contact Related To Land Use for Industrial.

LABORATORY NOTES/QUALIFIERS:

A = Analyte is detected in the method blank at a concentration of 0.0046 mg/kg.

C = Elevated detection limit due to matrix effect. The sample has high iron.

Q = The analyte has been detected between the limit of detection (LOD) and the limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.

Created by:	<u>EO</u>	Date:	<u>8/5/2008</u>
Last revision by:	<u>TLR</u>	Date:	<u>8/6/2008</u>
Checked by:	<u>EO</u>	Date:	<u>9/8/2008</u>

I:\3320\Tables-General\Soil_Metals1.xls\Notes

Table C-1B
Soil Analytical Results Summary - VOCs
149 Waubesa / BT² Project #3320A
(Results are in µg/kg, except where noted otherwise)

Sample	Date	Depth (feet)	Acetone	Benzene	Bromobenzene	Bromochloromethane	Bromodichloro-methane	Bromoform	Bromomethane	2-Butanone	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon Disulfide	Carbon Tetrachloride	Chlorobenzene	Chlorodibromo-methane	Chloroethane	2-Chloroethyl vinyl ether	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	Dibromochloromethane	1,2-Dibromo-3-chloropropane	Dibromomethane
B-1 (Warzyn)	10/24/86	6.5	NA	<10	NA	NA	<10	<20	NA	NA	NA	NA	NA	NA	<10	<10	<10	<10	<200	<10	<10	NA	NA	NA	NA	NA
B7 (REA)	11/17/00	4	NA	<140	<300	NA	<260	NA	NA	NA	13,000	4,200	2,400	NA	<460	<240	<240	<440	NA	<500	<400	<220	<180	<240	<340	NA
B7 (REA)	11/17/00	8	NA	<25	<25	NA	<25	NA	NA	NA	<25	<25	<25	NA	<25	<25	<25	<25	NA	<25	<25	<25	<25	<25	<25	NA
B9 (REA)	11/17/00	4	NA	<25	<25	NA	<25	NA	NA	NA	<25	<25	<25	NA	<25	<25	<25	<25	NA	<25	<25	<25	<25	<25	<25	NA
B10 (REA)	11/17/00	4	NA	<25	<25	NA	<25	NA	NA	NA	<25	<25	<25	NA	<25	<25	<25	<25	NA	<25	<25	<25	<25	<25	<25	NA
B13 (REA)	11/17/00	2	NA	<25	<25	NA	<25	NA	NA	NA	<25	<25	<25	NA	<25	<25	<25	<25	NA	<25	<25	<25	<25	<25	<25	NA
0708A.01 (WEA)	07/08/05	0 - 0.5	<350	<5.8	<15	<16	<16	<16	<25	<240	<9.2	<8.1	<9.2	<33	<10	<14	<6.9	<18	NA	<10	<13	<5.8	<12	<6.9	<16	<10
0708A.02 (WEA)	07/08/05	4.0 - 4.5	<370	<6.1	<16	<17	<17	<17	<27	<260	<9.7	<8.5	<9.7	<35	<11	<15	<7.3	<19	NA	<11	<13	<6.1	<12	<7.3	<17	<11
0708A.03 (WEA)	07/08/05	8.0 - 8.5	<360	<6.1	<16	<17	<17	<17	<27	<250	<9.7	<8.5	<9.7	<35	<11	<15	<7.3	<19	NA	<11	<13	<6.1	<12	<7.3	<17	<11
0708B.01 (WEA)	07/08/05	0 - 0.5	<330	<5.5	<14	<15	<15	<15	<24	<230	<8.8	<7.7	<8.8	<32	<9.9	<13	<6.6	<18	NA	<9.9	<12	<5.5	<11	<6.6	<15	<9.9
0708B.02 (WEA)	07/08/05	4.0 - 4.5	<360	<6.0	<16	<17	<17	<17	<27	<250	<9.7	<8.5	<9.7	<35	<11	<15	<7.3	<19	NA	<11	<13	<6.0	<12	<7.3	<17	<11
0708C.01 (WEA)	07/08/05	0 - 0.5	<320	<5.4	<14	<15	<15	<15	<24	<220	<8.6	<7.5	<8.6	<31	<9.6	<13	<6.4	<17	NA	<9.6	<12	<5.4	<11	<6.4	<15	<9.6
0708C.02 (WEA)	07/08/05	4.0 - 4.5	<330	<5.6	<14	<16	<16	<16	<24	<230	<8.9	<7.8	<8.9	<32	<10	<13	<6.7	<18	NA	<10	<12	<5.6	<11	<6.7	<16	<10
0708D.01 (WEA)	07/08/05	0 - 0.5	<360	<6.0	<15	<17	<17	<17	<26	<250	20	10	<9.5	<35	<11	<14	<7.2	<19	NA	<11	<13	<6.0	<12	<7.2	<17	<11
0708D.02 (WEA)	07/08/05	4.0 - 4.5	<350	<5.9	<15	<17	<17	<17	<26	<250	<9.4	<8.3	<9.4	<34	<11	<14	<7.1	<19	NA	<11	<13	<5.9	<12	<7.1	<17	<11
0708PB.01 (WEA)	07/08/05	0 - 0.5	<320	<5.3	<14	<15	<15	<15	<23	<220	<8.5	<7.5	<8.5	<31	<9.6	<13	<6.4	<17	NA	<9.6	<12	<5.3	<11	<6.4	<15	<9.6
0708PB.02 (WEA)	07/08/05	4.0 - 4.5	<320	<5.4	<14	<15	<15	<15	<24	<230	<8.6	<7.5	<8.6	<31	<9.7	<13	<6.4	<17	NA	<9.7	<12	<5.4	<11	<6.4	<15	<9.7
SB1 (BT²)	03/19/07	1-2.5	NA	<30	<30	<42	<30	<30	<120	NA	<30	<30	<30	NA	<30	<30	<30	<59	NA	<30	<59	<59	<30	NA	<59	<30
	03/19/07	3.5-5	NA	<31	<31	<43	<31	<31	<120	NA	<31	<31	<31	NA	<31	<31	<31	<62	NA	<31	<62	<62	<31	NA	<62	<31
NR 720 Residual Contaminant Level (RCL)			NE	5.5	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
NR 746 Table 1			NE	8,500	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
NR 746 Table 2			NE	1,100	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE

ABBREVIATIONS:
µg/kg = micrograms per kilogram or parts per billion (ppb)
PID = Photo-Ionization Detector
NA = Not Analyzed
(Dup) = Duplicate

ppm = PID measured in ppm as isobutylene
GRO = Gasoline Range Organics
NE = Not Established

REA = Resource Engineering Associates
WEA = Williams Environmental Associates

NOTES:
NR 720 RCL - Wisconsin Administrative Code (WAC), Chapter NR 720 Residual Contaminant Level.
NR 746 Table 1 - WAC, Chapter NR 746.06(2)(b) Table 1 - Indicators of Residual Petroleum Product in Soil Pores.
NR 746 Table 2 - WAC, Chapter NR 746.06(2)(b) Table 2 - Protection of Human Health from Direct Contact with Contaminated Soil.
Bold+underlined values exceed NR 720 RCLs.

LABORATORY NOTES/QUALIFIERS
L1 = Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits.

Table C-1B
Soil Analytical Results Summary - VOCs
149 Waubesa / BT² Project #3320A
(Results are in µg/kg, except where noted otherwise)

Sample	Date	Depth (feet)	Methyl-tert-butyl ether	4-Methyl-2-pentanone	Methylene Chloride	Naphthalene	n-Propylbenzene	Styrene	Tetrachloroethylene	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	Tetrahydrofuran	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethylene	Trichlorofluoro-methane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl Chloride	Xylenes
B-1 (Warzyn)	10/24/86	6.5	NA	NA	<10	NA	NA	NA	<10	NA	NA	NA	<10	NA	NA	<10	NA	<10	NA	NA	NA	NA	<10	<10
B7 (REA)	11/17/00	4	<380	NA	<760	2,700	3,400	NA	<180	NA	<260	NA	<260	<480	<320	<400	<200	<440	<440	NA	14,000	5,200	<280	930
B7 (REA)	11/17/00	8	<0.028	NA	<0.038	<25	<25	NA	<25	NA	<25	NA	<25	<25	<25	<25	<25	<25	<25	NA	<25	<25	<25	<25
B9 (REA)	11/17/00	4	<0.028	NA	240 B	81	<25	NA	<25	NA	<25	NA	<25	<25	<25	<25	<25	<25	<25	NA	<25	<25	<25	<25
B10 (REA)	11/17/00	4	<0.028	NA	100 B	<25	<25	NA	<25	NA	<25	NA	<25	<25	<25	<25	<25	<25	<25	NA	<25	<25	<25	<25
B13 (REA)	11/17/00	2	<0.028	NA	230 B	<25	<25	NA	50	NA	<25	NA	<25	<25	<25	<25	<25	<25	<25	NA	<25	<25	<25	<25
0708A.01 (WEA)	07/08/05	0 - 0.5	<6.9	<140	<29	2,200	11	<9.2	<15	<14	<9.2	<180	<8.1	<15	<13	15	<14	<17	<12	<20	130	100	<13	145
0708A.02 (WEA)	07/08/05	4.0 - 4.5	<7.3	<150	<30	<15	<6.1	<9.7	<16	<15	<9.7	<190	<8.5	<16	<13	<11	<15	<18	<12	<21	<9.7	<9.7	<13	<38
0708A.03 (WEA)	07/08/05	8.0 - 8.5	<7.3	<150	<30	<15	<6.1	<9.7	<16	<15	<9.7	<190	<8.5	<16	<13	<11	<15	<18	<12	<21	<9.7	<9.7	<13	<38
0708B.01 (WEA)	07/08/05	0 - 0.5	<6.6	<130	<28	<13	<5.5	<8.8	<14	<13	<8.8	<180	9.2	<14	<12	<9.9	<13	<17	<11	<19	22	<8.8	<12	70
0708B.02 (WEA)	07/08/05	4.0 - 4.5	<7.3	<150	<30	<15	<6.0	<9.7	<16	<15	<9.7	<190	<8.5	<16	<13	<11	<15	<18	<12	<21	<9.7	<9.7	<13	<38
0708C.01 (WEA)	07/08/05	0 - 0.5	<6.4	<130	<27	180	5.6	<8.6	<14	<13	<8.6	<170	23	<14	<12	<9.6	<13	<16	<11	<18	24	<8.6	<12	71
0708C.02 (WEA)	07/08/05	4.0 - 4.5	<6.7	<130	<28	44	<5.6	<8.9	<14	<13	<8.9	<180	<7.8	<14	<12	<10	<13	<17	<11	<19	<8.9	<8.9	<12	<34
0708D.01 (WEA)	07/08/05	0 - 0.5	<7.2	<140	<30	220	21	<9.5	<15	<14	<9.5	<190	23	<15	<13	<11	<14	<18	<12	<20	46	26	<13	140
0708D.02 (WEA)	07/08/05	4.0 - 4.5	<7.1	<140	<29	84	<5.9	<9.4	<15	<14	<9.4	<190	9.6	<15	<13	<11	<14	<18	<12	<20	10	<9.4	<13	<36
0708PB.01 (WEA)	07/08/05	0 - 0.5	<6.4	<130	<27	540	<5.3	<8.5	<14	<13	<8.5	<170	11	<14	<12	<9.6	<13	<16	<11	<18	<8.5	<8.5	<12	<33
0708PB.02 (WEA)	07/08/05	4.0 - 4.5	<6.4	<130	<27	<13	13	<8.6	<14	<13	<8.6	<170	13	<14	<12	<9.7	<13	<16	<11	<18	33	22	<12	72
SB1 (BT²)	03/19/07	1-2.5	<30	NA	<59	<59	<30	<30	<30	<30	<30	NA	<30	<30	<30	<30	<42	<30	<30	<59	<30	<30	<42	<100
	03/19/07	3.5-5	<31	NA	<62	<62	<31	<31	<31	<31	<31	NA	<31	<31	<31	<31	<43	<31	<31	<62	<31	<31	<43	<110
NR 720 Residual Contaminant Level (RCL)			NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	1,500	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	4,100
NR 746 Table 1			NE	NE	NE	2,700	NE	NE	NE	NE	NE	NE	38,000	NE	NE	NE	NE	NE	NE	NE	83,000	11,000	NE	42,000
NR 746 Table 2			NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE

ABBREVIATIONS:

µg/kg = micrograms per kilogram or parts per billion (ppb)
DRO = Diesel Range Organics
ND = Not Detected
-- = Not Applicable

mg/kg = milligrams per kilogram or parts per million (ppm)
GRO = Gasoline Range Organics
NE = Not Established

PID = Photo-Ionization Detector
NA = Not Analyzed
(Dup) = Duplicate

REA = Resource Engineering Associates
WEA = Williams Environmental Associates

NOTES:

NR 720 RCL - Wisconsin Administrative Code (WAC), Chapter NR 720 Residual Contaminant Level.
NR 746 Table 1 - WAC, Chapter NR 746.06(2)(b) Table 1 - Indicators of Residual Petroleum Product in Soil Pores.
NR 746 Table 2 - WAC, Chapter NR 746.06(2)(b) Table 2 - Protection of Human Health from Direct Contact with Contaminated Soil.
Bold+underlined values exceed NR 720 RCLs.

LABORATORY NOTES/QUALIFIERS:

L1 = Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits.

Created by: EO Date: 08/05/08
Last revision by: TLR Date: 08/06/08
Checked by: EO Date: 09/08/08

I:\3320\Tables-General\Soil_VOCs_Full_List_W11.xls\Soil VOCs

Table C-1C
Soil Analytical Results Summary - PAHs
Atwood Community Center / BT² Project #3320
(Results are in µg/kg, except where noted otherwise)

Sample	Date	Depth (feet)	Lab Notes	Acenaph-thene	Acenaph-thylene	Anthracene	Benzo(a) anthracene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(a) pyrene	Benzo(ghi) perylene	Chrysene	Dibenzo(a,h) anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd) pyrene	1-Methyl-naphthalene	2-Methyl-naphthalene	Naphthalene	Phenanthrene	Pyrene
0708A.01 (WEA)	7/8/2005	0 - 0.5	(1)	55,000	<5,800	8,800 P	24,000	31,000	12,000	28,000	27,000	37,000 P	<3,500	88,000 P	8,700 P	16,000	<6,900	<6,900	<13,000	50,000	88,000
0708A.02 (WEA)	7/8/2005	4.0 - 4.5	(1)	<120	<120	<24	370	620	230	540	530	430 P	<73	840 P	<49	320	<150	<150	<270	<24	680
0708A.03 (WEA)	7/8/2005	8.0 - 8.5	(1)	<6.1	<6.1	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<3.6	3.5 P	<2.4	<1.2	<7.3	<7.3	16	<1.2	<2.4
0708B.01 (WEA)	7/8/2005	0 - 0.5	(1)	3,900 P	<1,100	900 P	2,500	2,700	1,300	3,500	2,600	3,600 P	1,800 P	12,000	920 P	2,200	<1,300	<1,300	<2,400	9,000	11,000 P
0708B.02 (WEA)	7/8/2005	4.0 - 4.5	(1)	<61	<61	<12	43	170	72	160	140	24 P	<37	320 P	<24	130	<73	<73	<130	100	170
0708C.01 (WEA)	7/8/2005	0 - 0.5	(1)	7,400	<540	<110	2,000	3,300	1,300	3,900	3,600	2,800 P	<320	7,600 P	670 P	<110	<640	<640	<1,200	3,900	6,100
0708C.02 (WEA)	7/8/2005	4.0 - 4.5	--	2,500 P	<560	<110	1,600	2,600	<110	3,200	<110	2,100 P	<330	<110	<220	<110	<670	<670	<1,200	1,700	3,900
0708D.01 (WEA)	7/8/2005	0 - 0.5	(1)	<300	<300	<60	530	730	270	830	1,100	790 P	610 P	2,200 P	<120	<60	<360	<360	<660	1,300	2,100
0708D.02 (WEA)	7/8/2005	4.0 - 4.5	(1)	<300	<300	<60	390	520	230	650	760	500 P	390 P	1,600 P	<120	<60	<360	<360	<660	780	1,400
0708PB.01 (WEA)	7/8/2005	0 - 0.5	(1)	<110	<110	<22	42	84	<22	110	430	<22	76	470 P	<43	<22	<130	<130	<240	350	260 P
0708PB.02 (WEA)	7/8/2005	4.0 - 4.5	(1)	<110	<110	<21	340 P	430	<21	300	<21	<21	<64	420 P	<43	<21	<130	<130	<240	270 P	1,100 P
SB1 (BT ²)	3/19/2007	1-2.5	--	<59	<100	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<8.9	<12	<12	<5.9	<36	<30	<36	<5.9	<5.9
	3/19/2007	3.5-5	--	<62	<110	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<9.3	<12	<12	<6.2	<37	<31	<37	<6.2	<6.2
HAB1 (BT2)	7/6/2007	0.5-1.5	--	10 Q	7.7 Q	39	56	57	51	55	49	71	13	150	6.4 Q	27	60	72	30	190	110
HAB2 (BT2)	7/6/2007	0.3-2.0	--	6.5 Q	10 Q	51	84	83	67	81	66	110	27	160	6.8 Q	35	140	220	93	300	220
HAB3 (BT ²)	7/6/2007	0.3-1.7	--	1,300	570 Q	4,900	13,000	12,000	13,000	12,000	5,400	14,000	2,200	38,000	1,400	5,200	360 Q	300 Q	630 Q	22,000	23,000
WDNR PAH Soil Generic Residual Contaminant Levels (RCLs) (Interim Guidance - April 1997)																					
Groundwater Pathway				38,000	700	3,000,000	17,000	360,000	870,000	48,000	6,800,000	37,000	38,000	500,000	100,000	680,000	23,000	20,000	400	1,800	8,700,000
Non-Industrial Direct Contact				900,000	18,000	5,000,000	88	88	880	8.8	1,800	8,800	8.8	600,000	600,000	88	1,100,000	600,000	20,000	18,000	500,000
Industrial Direct Contact				60,000,000	360,000	300,000,000	3,900	3,900	39,000	390	39,000	390,000	390	40,000,000	40,000,000	3,900	70,000,000	40,000,000	110,000	390,000	30,000,000

ABBREVIATIONS:
µg/kg = micrograms per kilogram or parts per billion (ppb)
PAHs = Polynuclear Aromatic Hydrocarbons
REA = Resource Engineering Associates

-- = Not Applicable
WDNR = Wisconsin Department of Natural Resources
WEA = Williams Environmental Associates

NOTES:
Bold results exceed generic RCLs for non-industrial direct contact.

LABORATORY NOTES/QUALIFIERS:
P = Concentration of analyte differs more than 40% between primary and confirmation analysis.
Q = The analyte has been detected between the limit of detection (LOD) and the limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
(1) All Analytes - Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference.

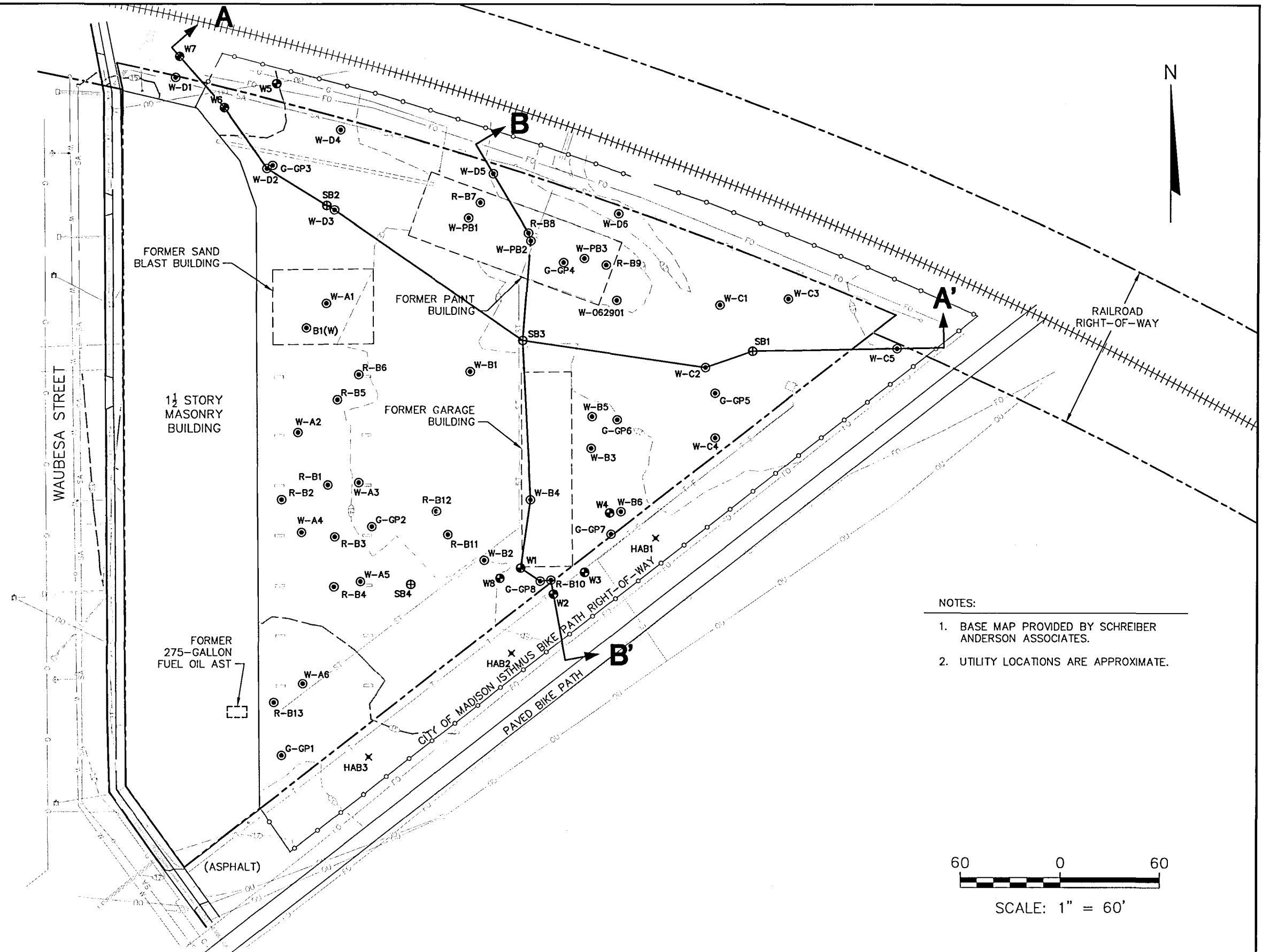
Created by: LMH Date: 4/6/2007

Last revision by: TLR Date: 8/6/2008

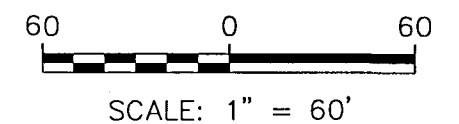
Checked by: EO Date: 9/8/2008

I:\3320\Tables-General\Soil_PAHs.xls\Soil PAHs

- LEGEND
- PROPERTY LINE/RIGHT-OF-WAY
 - - - - - EXISTING GRADE (1' CONTOUR)
 - +++++ RAILROAD TRACKS
 - ○ ○ ○ ○ FENCE (REMOVED)
 - E — ELECTRIC
 - FO — FIBER OPTIC
 - G — GAS MAIN
 - OU — OVERHEAD UTILITY
 - SA — SANITARY SEWER
 - ST — STORM SEWER
 - T — TELEPHONE
 - W — WATER MAIN
 - ⊕ SB1 BT² GEOTECH BORING
 - × HAB1 BT² HAND AUGER BORING
 - ⊙ G-GP5 SOIL BORING (GANNETT FLEMING)
 - ⊙ R-B1 SOIL BORING (REA)
 - ⊙ W-B1 SOIL BORING (WILLIAMS)
 - ⊙ B1(W) SOIL BORING (WARZYN)
 - ⊙ W4 MONITORING WELL (WARZYN)

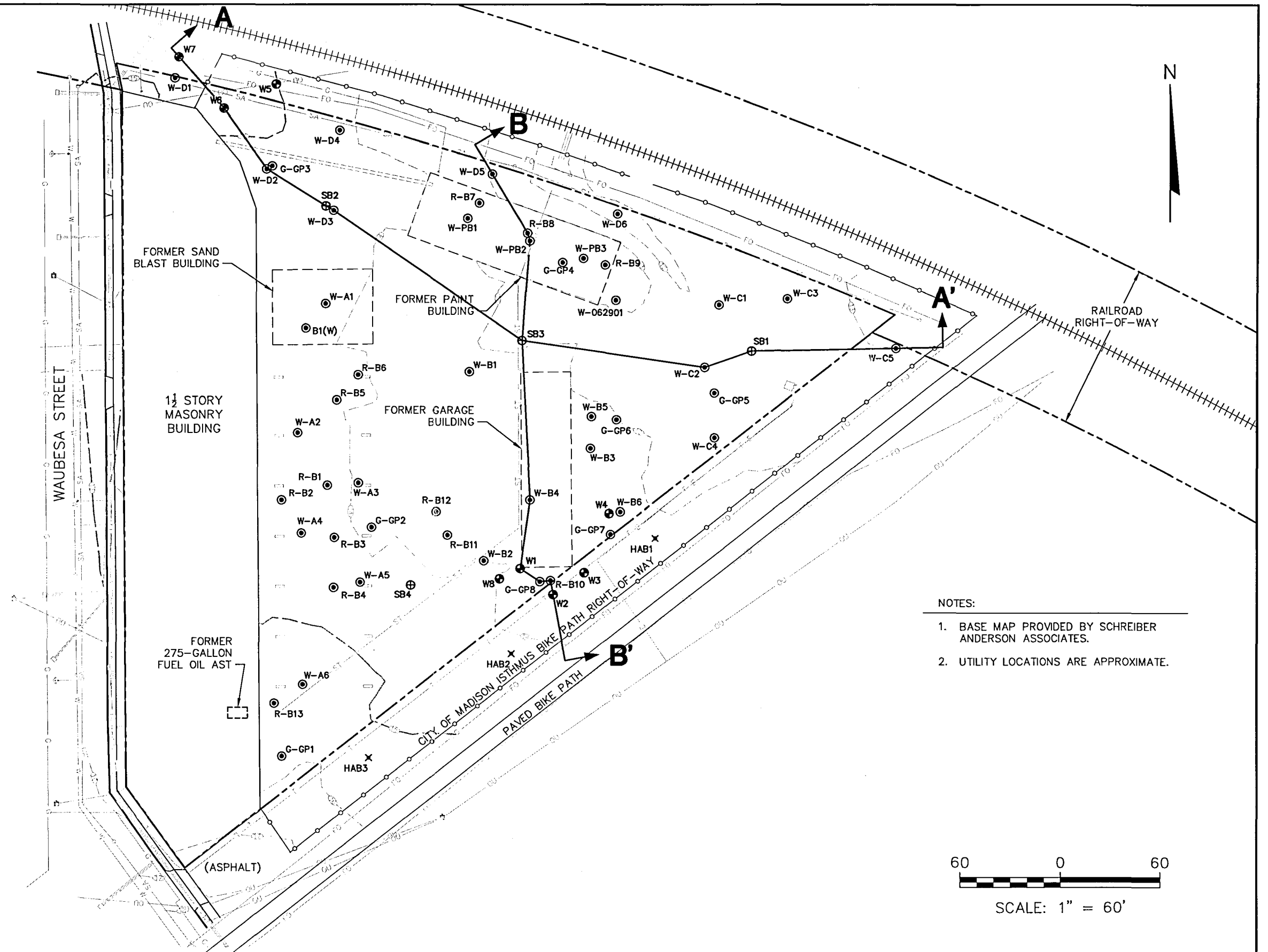


- NOTES:
1. BASE MAP PROVIDED BY SCHREIBER ANDERSON ASSOCIATES.
 2. UTILITY LOCATIONS ARE APPROXIMATE.



PROJECT NO.	3320	DRAWN BY:	KRG/KP		2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830 FAX: (608) 224-2839	CLIENT GOODMAN COMMUNITY CENTER 149 WAUBESA STREET MADISON, WISCONSIN 53704 PHONE: (608) 241-1574	SITE GOODMAN COMMUNITY CENTER 149 WAUBESA STREET MADISON, WISCONSIN	PRE-REMEDIAL SOIL SAMPLE LOCATIONS	FIGURE C-2
DRAWN:	05/18/07	CHECKED BY:	EN						
REVISED:	10/07/08	APPROVED BY:							

- LEGEND
- PROPERTY LINE/RIGHT-OF-WAY
 - - - - - EXISTING GRADE (1' CONTOUR)
 - +++++ RAILROAD TRACKS
 - - - - - FENCE (REMOVED)
 - - - - - ELECTRIC
 - - - - - FIBER OPTIC
 - - - - - GAS MAIN
 - - - - - OVERHEAD UTILITY
 - - - - - SANITARY SEWER
 - - - - - STORM SEWER
 - - - - - TELEPHONE
 - - - - - WATER MAIN
 - ⊕ SB1 BT² GEOTECH BORING
 - × HAB1 BT² HAND AUGER BORING
 - ⊙ G-GP5 SOIL BORING (GANNETT FLEMING)
 - ⊙ R-B1 SOIL BORING (REA)
 - ⊙ W-B1 SOIL BORING (WILLIAMS)
 - ⊙ B1(W) SOIL BORING (WARZYN)
 - ⊙ W4 MONITORING WELL (WARZYN)

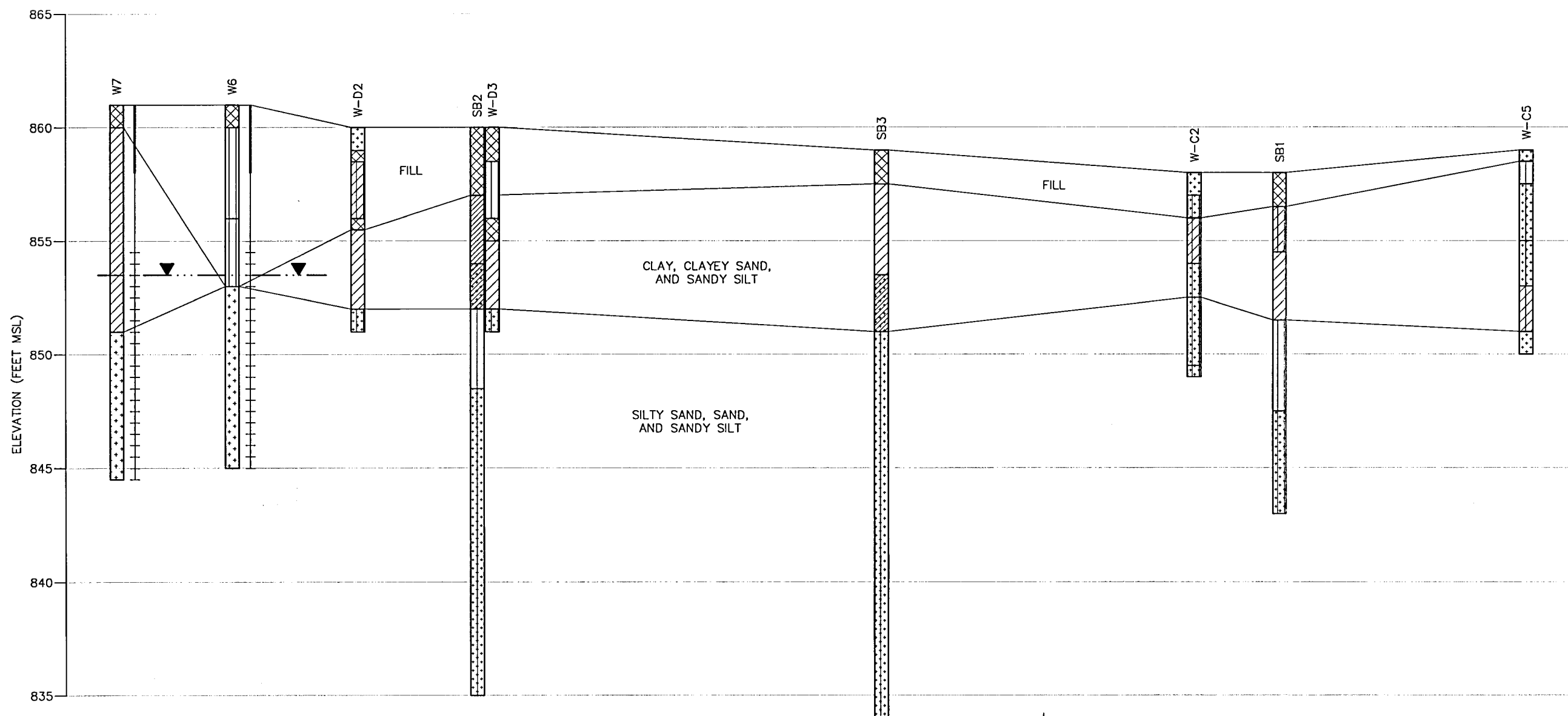


- NOTES:
1. BASE MAP PROVIDED BY SCHREIBER ANDERSON ASSOCIATES.
 2. UTILITY LOCATIONS ARE APPROXIMATE.

PROJECT NO.	3320	DRAWN BY:	KRG/KP	ENGINEER	BT ² inc.	2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830 FAX: (608) 224-2839	CLIENT	GOODMAN COMMUNITY CENTER 149 WAUBESA STREET MADISON, WISCONSIN 53704 PHONE: (608) 241-1574	SITE	GOODMAN COMMUNITY CENTER 149 WAUBESA STREET MADISON, WISCONSIN	PRE-REMEDIAL SOIL SAMPLE LOCATIONS	FIGURE C-2
DRAWN:	05/18/07	CHECKED BY:	EN									
REVISED:	10/07/08	APPROVED BY:										

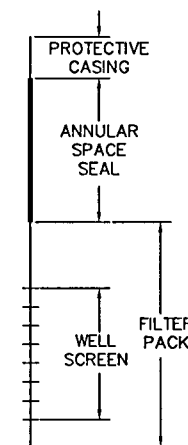
A
(WEST)

A'
(EAST)



LEGEND

	NON-GEOLOGIC MATERIAL (CINDERS, ETC.)		FAT CLAY (CH)
	SAND, WELL GRADED, LITTLE OR NO FINES (SW)		SILTY SAND (SM)
	SAND, POORLY GRADED, LITTLE OR NO FINES (SP)		SILTY, CLAYEY SAND (SC-SM)
	SILT (ML)		SILTY CLAY (CL-ML)
	LEAN CLAY (CL)		WATER LEVEL MEASURED ON 05/18/87

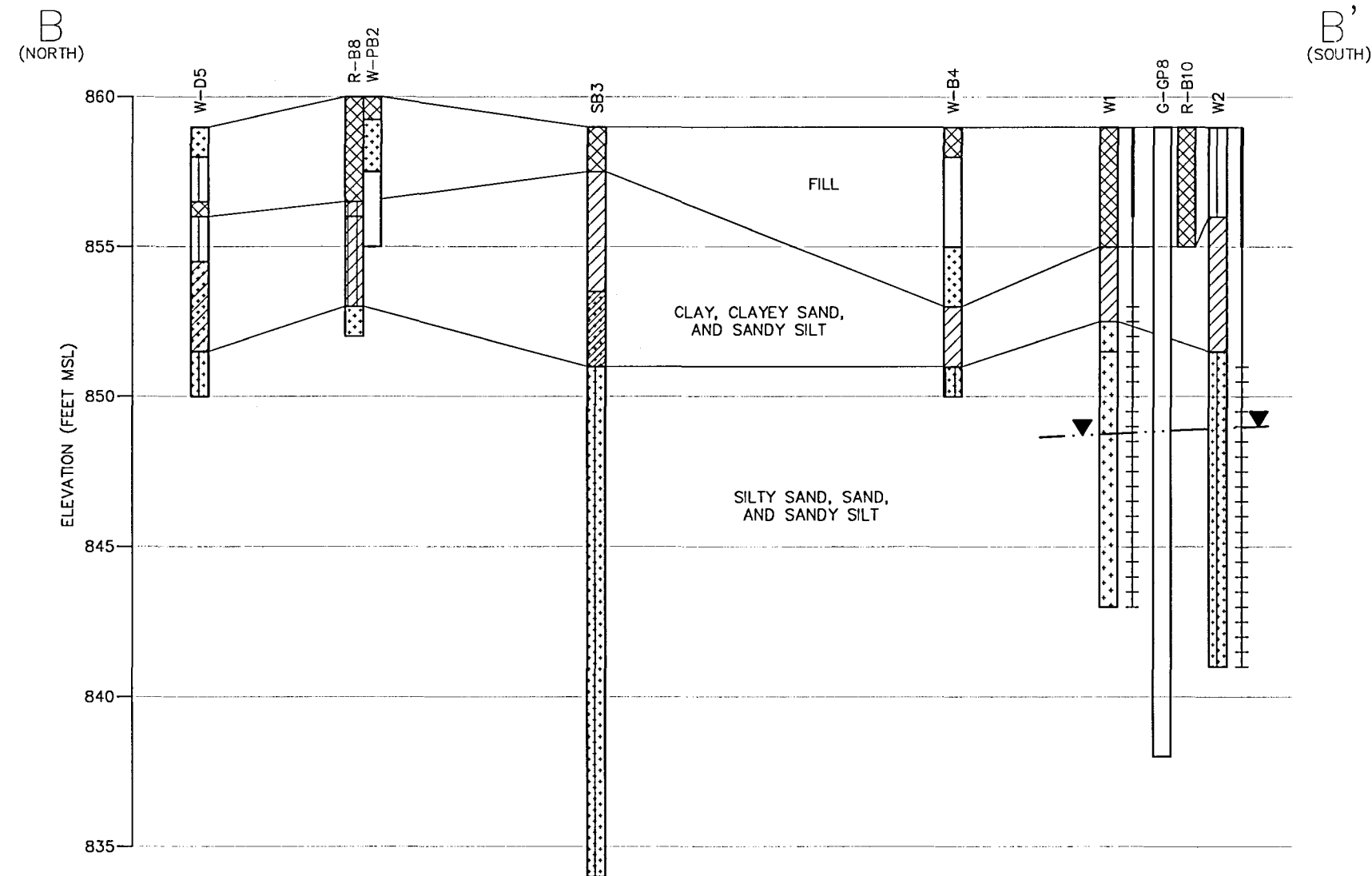


WELL DETAIL



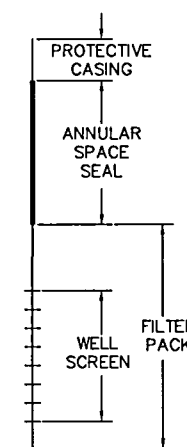
HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 5'
VERTICAL EXAGGERATION = 8X

PROJECT NO. 3320	DRAWN BY: KRG/KP	ENGINEER 	2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830 FAX: (608) 224-2839	CLIENT GOODMAN COMMUNITY CENTER 149 WAUBESA STREET MADISON, WISCONSIN 53704 PHONE: (608) 241-1574	SITE GOODMAN COMMUNITY CENTER 149 WAUBESA STREET MADISON, WISCONSIN	FIGURE PRE-REMEDIAL CROSS SECTION A-A' C-3
DRAWN: 05/18/07	CHECKED BY: EO					
REVISED: 10/07/08	APPROVED BY:					



LEGEND

	NON-GEOLOGIC MATERIAL (CINDERS, ETC.)		FAT CLAY (CH)
	SAND, WELL GRADED, LITTLE OR NO FINES (SW)		SILTY SAND (SM)
	SAND, POORLY GRADED, LITTLE OR NO FINES (SP)		SILTY, CLAYEY SAND (SC-SM)
	SILT (ML)		SILTY CLAY (CL-ML)
	LEAN CLAY (CL)		WATER LEVEL MEASURED ON 10/31/86



WELL DETAIL



HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 5'
VERTICAL EXAGGERATION = 8X

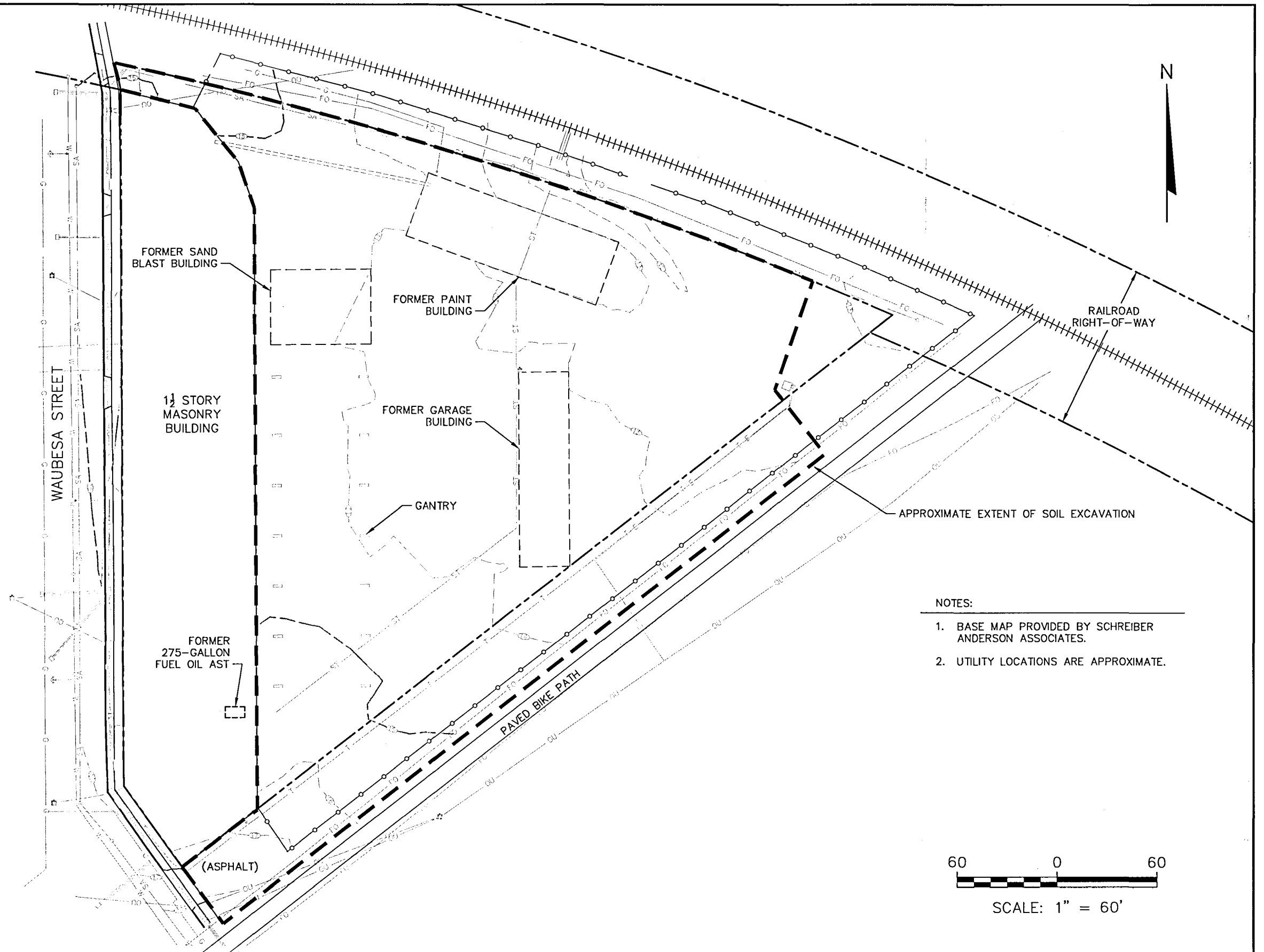
PROJECT NO. 3320	DRAWN BY: KRG/KP	ENGINEER BT ² Inc.	2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830 FAX: (608) 224-2839	CLIENT GOODMAN COMMUNITY CENTER 149 WAUBESA STREET MADISON, WISCONSIN 53704 PHONE: (608) 241-1574	SITE GOODMAN COMMUNITY CENTER 149 WAUBESA STREET MADISON, WISCONSIN	PRE-REMEDIAL CROSS SECTION B-B'	FIGURE C-4
DRAWN: 05/18/07	CHECKED BY: EO						
REVISED: 10/07/08	APPROVED BY:						

ATTACHMENT D

Soil Remediation Information

- D-1 Extent of Soil Excavation
- D-2 Soil Disposal Documentation
- D-3 AST Removal Documentation

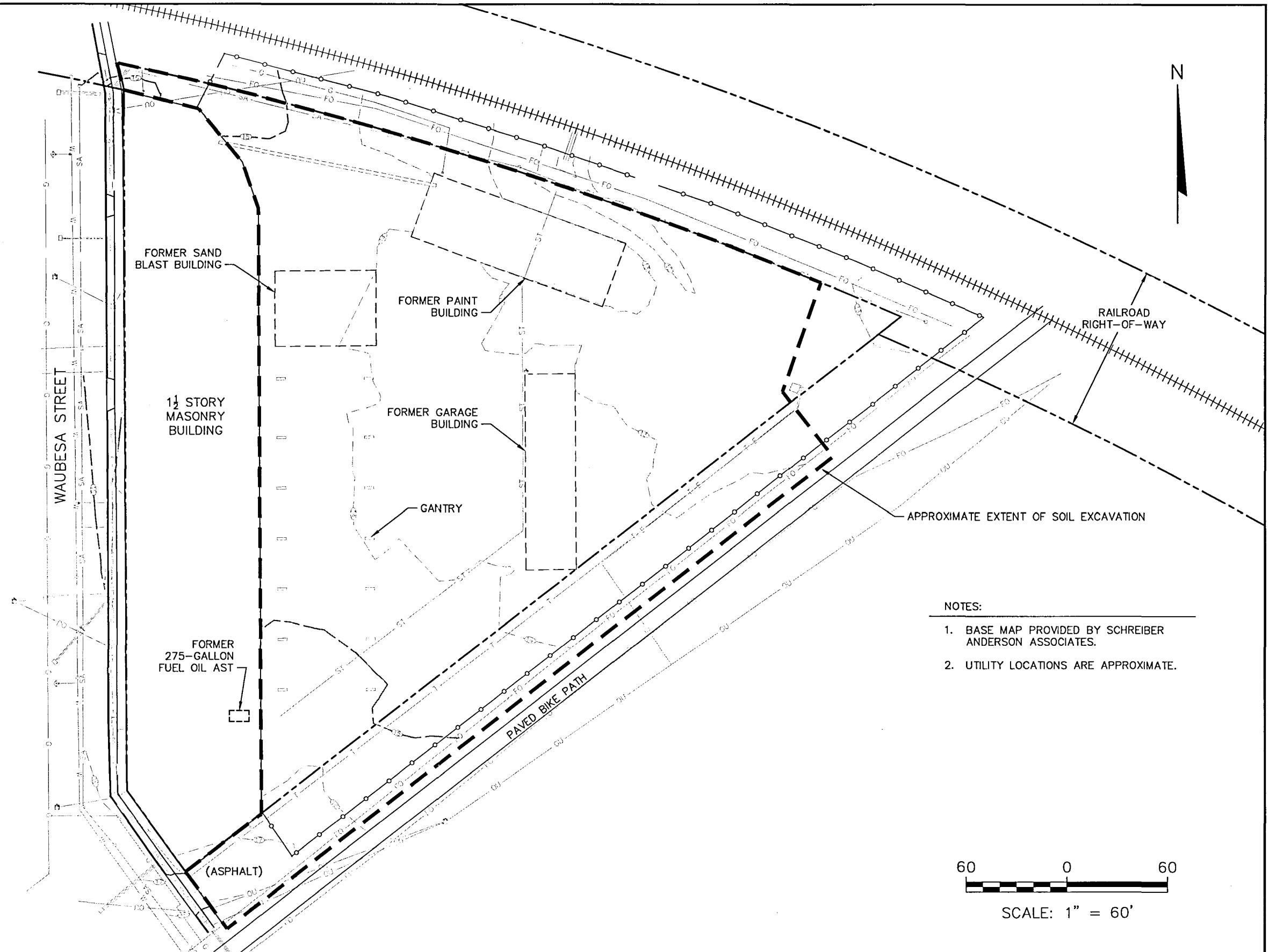
LEGEND	
	PROPERTY LINE/RIGHT-OF-WAY
	EXISTING GRADE (1' CONTOUR)
	RAILROAD TRACKS
	FENCE (REMOVED)
	ELECTRIC
	FIBER OPTIC
	GAS MAIN
	OVERHEAD UTILITY
	SANITARY SEWER
	STORM SEWER
	TELEPHONE
	WATER MAIN



- NOTES:
1. BASE MAP PROVIDED BY SCHREIBER ANDERSON ASSOCIATES.
 2. UTILITY LOCATIONS ARE APPROXIMATE.

PROJECT NO.	3320	DRAWN BY:	KRG/KP		2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830 FAX: (608) 224-2839	CLIENT GOODMAN COMMUNITY CENTER 149 WAUBESA STREET MADISON, WISCONSIN 53704 PHONE: (608) 241-1574	SITE GOODMAN COMMUNITY CENTER 149 WAUBESA STREET MADISON, WISCONSIN	EXTENT OF SOIL EXCAVATION	FIGURE D-1
DRAWN:	05/18/07	CHECKED BY:	EN						
REVISED:	10/07/08	APPROVED BY:							

LEGEND	
	PROPERTY LINE/RIGHT-OF-WAY
	EXISTING GRADE (1' CONTOUR)
	RAILROAD TRACKS
	FENCE (REMOVED)
	ELECTRIC
	FIBER OPTIC
	GAS MAIN
	OVERHEAD UTILITY
	SANITARY SEWER
	STORM SEWER
	TELEPHONE
	WATER MAIN



PROJECT NO.	3320	DRAWN BY:	KRG/KP		2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830 FAX: (608) 224-2839	CLIENT	GOODMAN COMMUNITY CENTER 149 WAUBESA STREET MADISON, WISCONSIN 53704 PHONE: (608) 241-1574	SITE	GOODMAN COMMUNITY CENTER 149 WAUBESA STREET MADISON, WISCONSIN	EXTENT OF SOIL EXCAVATION	FIGURE
DRAWN:	05/18/07	CHECKED BY:	EN								D-1
REVISED:	10/07/08	APPROVED BY:									

Attachment D-2



MICHAEL DIMAGGIO
SOLID WASTE MANAGER

DANE COUNTY SOLID WASTE

A Division of Dane County Department of Public Works, Highway & Transportation

Administration: 1919 Alliant Energy Center Way, Madison, WI 53713
Landfill: 7102 USH 12 & 18, Madison, WI 53718

Phone: 608-266-4018
Phone: 608-838-9555

3320
3320
3320

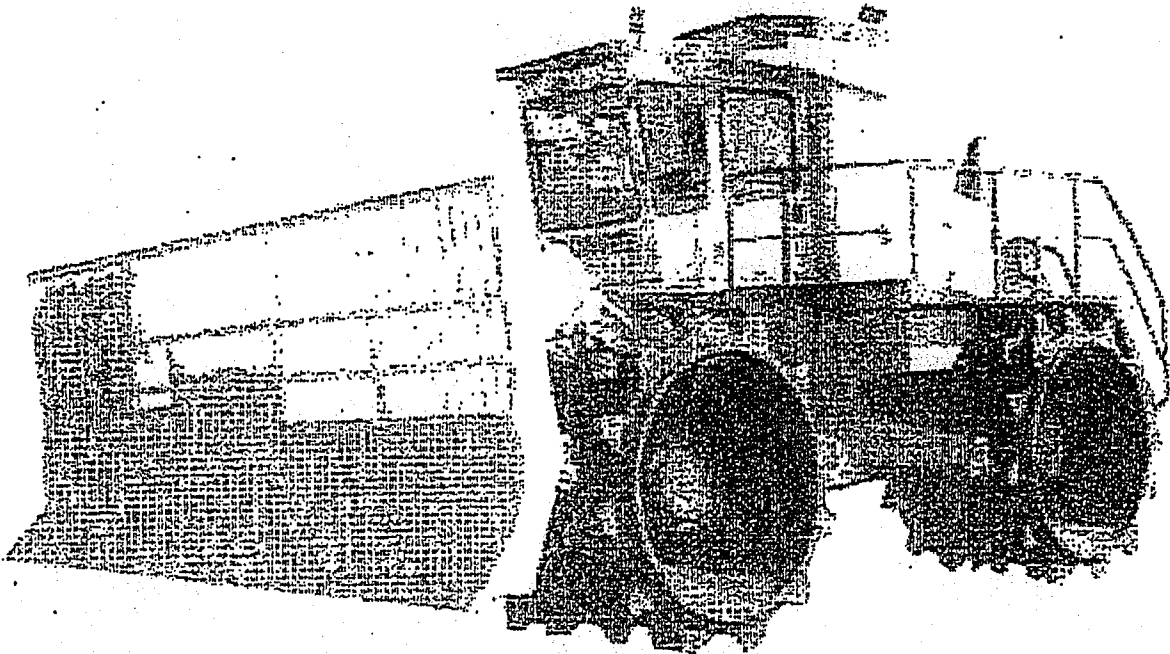
Dane County Landfill Fax Cover Sheet

TO: Eric Oelker Fax # 224-2839

FROM: Deb Fax # 608-838-6170

DATE: 11-11-07 # of pages including cover 5

SUBJECT: Atwood totals



Transaction Report - Detailed Tonnage & Charge Report

File: DAWTRAN - WS1922

[Bill Acct] Like '655'

and ([Date Out] Between 10/1/2007 and 11/12/2007)

Trans Num	Date Out	Time Out	Bill Acct	Truck	MT	Net TN	Rate	Total Fee	Vold
2199	10/09/07	08:54 am	655		360	15.40	\$0.00	\$0.00	NO
2200	10/09/07	08:56 am	655		360	15.76	\$0.00	\$0.00	NO
2201	10/09/07	08:58 am	655		360	17.24	\$0.00	\$0.00	NO
2202	10/09/07	08:59 am	655		360	20.96	\$0.00	\$0.00	NO
2203	10/09/07	09:01 am	655		360	17.17	\$0.00	\$0.00	NO
2204	10/09/07	09:02 am	655		360	15.13	\$0.00	\$0.00	NO
2218	10/09/07	09:38 am	655		360	17.77	\$0.00	\$0.00	NO
2219	10/09/07	09:40 am	655		360	18.81	\$0.00	\$0.00	NO
2230	10/09/07	10:11 am	655		360	20.30	\$0.00	\$0.00	NO
2231	10/09/07	10:20 am	655		360	18.18	\$0.00	\$0.00	NO
2248	10/09/07	10:53 am	655		360	17.55	\$0.00	\$0.00	NO
2260	10/09/07	11:14 am	655		360	18.07	\$0.00	\$0.00	NO
2262	10/09/07	11:17 am	655		360	17.44	\$0.00	\$0.00	NO
2273	10/09/07	11:50 am	655		360	17.31	\$0.00	\$0.00	NO
2289	10/09/07	12:15 pm	655		360	14.84	\$0.00	\$0.00	NO
2292	10/09/07	12:19 pm	655		360	16.84	\$0.00	\$0.00	NO
2305	10/09/07	12:52 pm	655		360	16.09	\$0.00	\$0.00	NO
2312	10/09/07	01:09 pm	655		360	16.13	\$0.00	\$0.00	NO
2316	10/09/07	01:18 pm	655		360	18.04	\$0.00	\$0.00	NO
2333	10/09/07	01:49 pm	655		360	17.53	\$0.00	\$0.00	NO
2342	10/09/07	02:03 pm	655		360	18.87	\$0.00	\$0.00	NO
2346	10/09/07	02:14 pm	655		360	19.32	\$0.00	\$0.00	NO
2383	10/10/07	07:31 am	655		360	17.87	\$0.00	\$0.00	NO
2388	10/10/07	07:36 am	655		360	21.50	\$0.00	\$0.00	NO
2391	10/10/07	07:40 am	655		360	18.51	\$0.00	\$0.00	NO
2392	10/10/07	07:49 am	655		360	17.84	\$0.00	\$0.00	NO
2414	10/10/07	08:31 am	655		360	17.29	\$0.00	\$0.00	NO
2415	10/10/07	08:33 am	655		360	21.39	\$0.00	\$0.00	NO
2419	10/10/07	08:41 am	655		360	18.31	\$0.00	\$0.00	NO
2435	10/10/07	09:12 am	655		360	17.53	\$0.00	\$0.00	NO
2443	10/10/07	09:27 am	655		360	21.90	\$0.00	\$0.00	NO
2444	10/10/07	09:33 am	655		360	19.04	\$0.00	\$0.00	NO
2445	10/10/07	09:41 am	655		360	18.51	\$0.00	\$0.00	NO
2453	10/10/07	10:16 am	655		360	18.95	\$0.00	\$0.00	NO
2459	10/10/07	10:33 am	655		360	18.14	\$0.00	\$0.00	NO
2462	10/10/07	10:36 am	655		360	17.59	\$0.00	\$0.00	NO
2465	10/10/07	10:41 am	655		360	20.79	\$0.00	\$0.00	NO
2481	10/10/07	11:11 am	655		360	18.93	\$0.00	\$0.00	NO
2486	10/10/07	11:26 am	655		360	21.30	\$0.00	\$0.00	NO
2491	10/10/07	11:40 am	655		360	18.53	\$0.00	\$0.00	NO
2492	10/10/07	11:42 am	655		360	22.10	\$0.00	\$0.00	NO
2506	10/10/07	12:11 pm	655		360	17.65	\$0.00	\$0.00	NO
2512	10/10/07	12:20 pm	655		360	22.27	\$0.00	\$0.00	NO
2518	10/10/07	12:34 pm	655		360	18.32	\$0.00	\$0.00	NO
2521	10/10/07	12:43 pm	655		360	19.88	\$0.00	\$0.00	NO
2534	10/10/07	01:09 pm	655		360	19.37	\$0.00	\$0.00	NO
2539	10/10/07	01:17 pm	655		360	18.81	\$0.00	\$0.00	NO
2548	10/10/07	01:40 pm	655		360	20.03	\$0.00	\$0.00	NO
2553	10/10/07	01:50 pm	655		360	19.30	\$0.00	\$0.00	NO
2557	10/10/07	01:59 pm	655		360	18.60	\$0.00	\$0.00	NO
2559	10/10/07	02:13 pm	655		360	17.70	\$0.00	\$0.00	NO
2594	10/11/07	07:33 am	655		360	19.96	\$0.00	\$0.00	NO
2596	10/11/07	07:40 am	655		360	21.05	\$0.00	\$0.00	NO
2599	10/11/07	07:45 am	655		360	19.80	\$0.00	\$0.00	NO
2605	10/11/07	07:57 am	655		360	20.81	\$0.00	\$0.00	NO
2619	10/11/07	08:31 am	655		360	20.78	\$0.00	\$0.00	NO
2624	10/11/07	08:38 am	655		360	19.51	\$0.00	\$0.00	NO
2630	10/11/07	08:51 am	655		360	20.43	\$0.00	\$0.00	NO
2633	10/11/07	08:58 am	655		360	20.26	\$0.00	\$0.00	NO
2643	10/11/07	09:25 am	655		360	19.77	\$0.00	\$0.00	NO
2646	10/11/07	09:36 am	655		360	18.84	\$0.00	\$0.00	NO
2650	10/11/07	09:46 am	655		360	18.18	\$0.00	\$0.00	NO
2654	10/11/07	09:54 am	655		360	24.12	\$0.00	\$0.00	NO
2651	10/11/07	10:09 am	655		360	17.86	\$0.00	\$0.00	NO
2663	10/11/07	10:22 am	655		360	17.06	\$0.00	\$0.00	NO
2669	10/11/07	10:37 am	655		360	16.73	\$0.00	\$0.00	NO
2671	10/11/07	10:47 am	655		360	18.88	\$0.00	\$0.00	NO
2682	10/11/07	11:08 am	655		360	20.74	\$0.00	\$0.00	NO
2687	10/11/07	11:21 am	655		360	19.18	\$0.00	\$0.00	NO
2696	10/11/07	11:34 am	655		360	17.22	\$0.00	\$0.00	NO
2703	10/11/07	11:53 am	655		360	18.91	\$0.00	\$0.00	NO

Transaction Report - Detailed Tonnage & Charge Report

File: DAWTRAN - WS1922

[Bill Acct] Like '655%'

and ([Date Out] Between 10/1/2007 and 11/12/2007)

Trans Num	Date Out	Time Out	Bill Acct	Truck	MT	Net TN	Rate	Total Fee	Void
2711	10/11/07	12:16 pm	655		360	15.22	\$0.00	\$0.00	NO
2715	10/11/07	12:25 pm	655		360	19.14	\$0.00	\$0.00	NO
2724	10/11/07	12:35 pm	655		360	16.81	\$0.00	\$0.00	NO
2728	10/11/07	12:53 pm	655		360	19.76	\$0.00	\$0.00	NO
2743	10/11/07	01:31 pm	655		360	17.72	\$0.00	\$0.00	NO
2745	10/11/07	01:35 pm	655		360	16.49	\$0.00	\$0.00	NO
2757	10/11/07	01:56 pm	655		360	16.74	\$0.00	\$0.00	NO
2760	10/11/07	02:04 pm	655		360	16.21	\$0.00	\$0.00	NO
2766	10/11/07	02:22 pm	655		360	12.87	\$0.00	\$0.00	NO
2771	10/11/07	02:30 pm	655		360	14.57	\$0.00	\$0.00	NO
2807	10/12/07	07:58 am	655		360	16.64	\$0.00	\$0.00	NO
2836	10/12/07	09:04 am	655		360	19.35	\$0.00	\$0.00	NO
2837	10/12/07	09:05 am	655		360	16.52	\$0.00	\$0.00	NO
2860	10/12/07	10:02 am	655		360	19.94	\$0.00	\$0.00	NO
2866	10/12/07	10:09 am	655		360	18.54	\$0.00	\$0.00	NO
2884	10/12/07	10:58 am	655		360	19.83	\$0.00	\$0.00	NO
2892	10/12/07	11:16 am	655		360	16.24	\$0.00	\$0.00	NO
2912	10/12/07	12:01 pm	655		360	17.93	\$0.00	\$0.00	NO
2925	10/12/07	12:25 pm	655		360	18.57	\$0.00	\$0.00	NO
2949	10/12/07	01:02 pm	655		360	20.52	\$0.00	\$0.00	NO
2961	10/12/07	01:24 pm	655		360	21.28	\$0.00	\$0.00	NO
2980	10/12/07	02:11 pm	655		360	21.09	\$0.00	\$0.00	NO
3170	10/15/07	10:30 am	655		360	18.46	\$0.00	\$0.00	NO
3205	10/15/07	12:06 pm	655		360	20.33	\$0.00	\$0.00	NO
3241	10/15/07	01:23 pm	655		360	18.93	\$0.00	\$0.00	NO
4272	10/23/07	10:23 am	655		360	18.73	\$0.00	\$0.00	NO
4298	10/23/07	11:30 am	655		360	19.21	\$0.00	\$0.00	NO
4839	10/26/07	08:49 am	655		360	16.35	\$0.00	\$0.00	NO
4865	10/26/07	09:52 am	655		360	21.94	\$0.00	\$0.00	NO
4898	10/26/07	10:52 am	655		360	17.92	\$0.00	\$0.00	NO
4934	10/26/07	12:01 pm	655		360	20.80	\$0.00	\$0.00	NO
5469	10/31/07	08:38 am	655	ROBINSON	360	14.05	\$0.00	\$0.00	NO
5476	10/31/07	09:22 am	655		360	17.56	\$0.00	\$0.00	NO
5505	10/31/07	10:21 am	655		360	17.58	\$0.00	\$0.00	NO
5527	10/31/07	11:38 am	655		360	19.49	\$0.00	\$0.00	NO
5557	10/31/07	01:07 pm	655		360	19.93	\$0.00	\$0.00	NO
5588	10/31/07	02:11 pm	655		360	20.33	\$0.00	\$0.00	NO
5640	11/01/07	08:40 am	655		360	19.29	\$0.00	\$0.00	NO
5661	11/01/07	09:29 am	655		360	19.49	\$0.00	\$0.00	NO
5680	11/01/07	10:25 am	655		360	21.53	\$0.00	\$0.00	NO
5702	11/01/07	11:19 am	655		360	19.16	\$0.00	\$0.00	NO
5730	11/01/07	12:27 pm	655		360	21.31	\$0.00	\$0.00	NO
5750	11/01/07	01:21 pm	655		360	20.03	\$0.00	\$0.00	NO
5765	11/01/07	02:12 pm	655		360	19.30	\$0.00	\$0.00	NO
6379	11/07/07	07:33 am	655		360	16.20	\$0.00	\$0.00	NO
6380	11/07/07	07:34 am	655		360	25.22	\$0.00	\$0.00	NO
6382	11/07/07	07:37 am	655		360	22.96	\$0.00	\$0.00	NO
6391	11/07/07	07:50 am	655		360	19.01	\$0.00	\$0.00	NO
6392	11/07/07	07:53 am	655		360	22.51	\$0.00	\$0.00	NO
6531	11/08/07	07:30 am	655		360	18.07	\$0.00	\$0.00	NO
6557	11/08/07	08:43 am	655		360	19.02	\$0.00	\$0.00	NO
6574	11/08/07	09:34 am	655		360	19.45	\$0.00	\$0.00	NO
6591	11/08/07	10:27 am	655		360	19.79	\$0.00	\$0.00	NO
6612	11/08/07	11:21 am	655		360	20.49	\$0.00	\$0.00	NO
6627	11/08/07	12:13 pm	655		360	21.10	\$0.00	\$0.00	NO
6645	11/08/07	01:05 pm	655		360	21.03	\$0.00	\$0.00	NO
6665	11/08/07	02:09 pm	655		360	20.63	\$0.00	\$0.00	NO
6699	11/09/07	07:26 am	655		360	21.75	\$0.00	\$0.00	NO
6703	11/09/07	07:32 am	655		360	17.33	\$0.00	\$0.00	NO
6717	11/09/07	08:35 am	655		360	17.60	\$0.00	\$0.00	NO
6718	11/09/07	08:36 am	655		360	21.68	\$0.00	\$0.00	NO
6743	11/09/07	09:32 am	655		360	16.34	\$0.00	\$0.00	NO
6746	11/09/07	09:36 am	655		360	20.50	\$0.00	\$0.00	NO
6771	11/09/07	10:32 am	655		360	17.71	\$0.00	\$0.00	NO
6772	11/09/07	10:33 am	655		360	20.30	\$0.00	\$0.00	NO
6802	11/09/07	11:31 am	655		360	20.65	\$0.00	\$0.00	NO
6808	11/09/07	11:35 am	655		360	18.44	\$0.00	\$0.00	NO
6822	11/09/07	12:18 pm	655		360	21.25	\$0.00	\$0.00	NO
6825	11/09/07	12:25 pm	655		360	19.10	\$0.00	\$0.00	NO
6842	11/09/07	01:12 pm	655		360	21.59	\$0.00	\$0.00	NO
6844	11/09/07	01:16 pm	655		360	18.73	\$0.00	\$0.00	NO
6864	11/09/07	02:07 pm	655		360	20.86	\$0.00	\$0.00	NO

11/12/07 Mon
Ver 5.0.1653

Dane County, Wisconsin

PAGE 07
11:01 a
Page

Transaction Report - Detailed Tonnage & Charge Report

File: DAWITRAN - WS1922

[Bill Acct] Like '655%'
and ([Date Out] Between 10/1/2007 and 11/12/2007)

<u>Trans Num</u>	<u>Date Out</u>	<u>Time Out</u>	<u>Bill Acct</u>	<u>Truck</u>	<u>MT</u>	<u>Net TN</u>	<u>Rate</u>	<u>Total Fee</u>	<u>Vold</u>
6869	11/09/07	02:12 pm	655		360	18.86	\$0.00	\$0.00	NO
						2725.56		\$0.00	

Records Read-> 144 of 144

Dane County Landfill
Tonnage and Charge Monthly Summary
 All Transactions From All Sites By Account (655)
 From 1/1/2007 to 9/30/2007

	<u>Loads</u>	<u>Tons</u>	<u>Yards</u>	<u>Count</u>	<u>Add Chg</u>	<u>Sales Tax</u>	<u>Total Charge</u>	<u>Total Paid</u>
Atwood Community Center 655								
06/2007	232	4,489.53	0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00
07/2007	215	4,379.11	0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00
	<u>Loads</u>	<u>Tons</u>	<u>Yards</u>	<u>Count</u>	<u>Add Chg</u>	<u>Sales Tax</u>	<u>Total Charge</u>	<u>Total Paid</u>
Totals	447	8,868.64	0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00
<hr/>								
Grand Totals	<u>Loads</u>	<u>Tons</u>	<u>Yards</u>	<u>Count</u>	<u>Add Chg</u>	<u>Sales Tax</u>	<u>Total Charge</u>	<u>Total Paid</u>
	447	8,868.64	0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00

June + July

October + November

Total as of 11/9/07.

2,725.56
 11,594.20 Tons

9/10/08 Wed
Ver 5.0.1662

Dane County, Wisconsin

12:59 pm
Page 1**Totals by Bill Acct #**

File: DAWITRAN - WS1922

Totals

[Bill Acct] Like '655%'

and ([Date Out] Between 11/12/2007 and 9/10/2008)

<u>Tbl Entry</u>	<u>Label</u>	<u>Count</u>	<u>Net</u>	<u>Net Tn</u>	<u>Total</u>
655	Atwood Community Center	153	5765640	2882.82	\$2223.74
		153	5765640	2882.82	\$2223.74

To: Eric Oelkers
Fax: 224-2839

Attachment D-3

TDID#:
Reg Obj #:

**ABOVEGROUND
FLAMMABLE/COMBUSTIBLE/HAZARDOUS
LIQUID STORAGE TANK REGISTRATION**
Information Required By Section 101.142, Wis. Stats.

Send Completed Form To:
Department of Commerce
Bureau of Petroleum Products and
Tanks
P.O. Box 7837
Madison, WI 53707-7837

Aboveground tanks in Wisconsin that have stored or currently store petroleum or regulated substances must be registered. A separate form is needed for each tank. Send each completed form to the agency designated in the top right corner. Have you previously registered this tank by submitting a form? ☐ Yes ☒ No If yes, are you correcting/updating information only? ☐ Yes ☐ No
Personal information you provide may be used for secondary purposes [Privacy Law, s. 15.04 (1)(m)].

This registration applies to a tank status that is (check one): <input type="checkbox"/> In Use <input type="checkbox"/> Newly Installed <input type="checkbox"/> Abandoned with Product <input checked="" type="checkbox"/> Closed - Tank Removed <input type="checkbox"/> Ownership Change (Indicate new owner name in block 2)		Fire Department providing fire coverage where tank is located: <input checked="" type="checkbox"/> City <input type="checkbox"/> Village <input type="checkbox"/> Town of: <u>Madison</u>	
A. IDENTIFICATION (Please Print)		Site Street Address	
1. Tank Site Name <u>Kupfer Center</u>		<u>149 Waubesa St</u>	
<input checked="" type="checkbox"/> City <input type="checkbox"/> Village <input type="checkbox"/> Town of: <u>Madison</u>		State <u>WISCONSIN</u>	Zip Code <u>53704</u>
2. Tank Owner Name <u>Kupfer Center LLC</u>		Mailing Address <u>211 S. Patterson St. Ste 160</u>	
<input checked="" type="checkbox"/> City <input type="checkbox"/> Village <input type="checkbox"/> Town of: <u>Madison</u>		State <u>WI</u>	Zip Code <u>53703</u>
3. Previous Site Name <u>Durline Scales and Mfg.</u>		Previous site address if different than #1 <u>same</u>	
B. Site ID #:		Facility ID #:	Customer ID #:
C. Tank Capacity (gallons): <u>275</u>		Tank Age (age or date installed): <u>over 20</u>	Vehicle fueling? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
D. LAND OWNER TYPE (check one) Refer to back <input type="checkbox"/> County <input type="checkbox"/> State <input type="checkbox"/> Federal Leased <input type="checkbox"/> Federal Owned <input type="checkbox"/> Tribal Nation <input type="checkbox"/> Municipal <input type="checkbox"/> Other Government <input checked="" type="checkbox"/> Private			
E. OCCUPANCY TYPE (check one) Refer to back <input type="checkbox"/> Retail Fuel Sales <input type="checkbox"/> Bulk Storage <input type="checkbox"/> Terminal Storage <input type="checkbox"/> Mercantile/Commercial <input type="checkbox"/> Industrial <input type="checkbox"/> Residential <input type="checkbox"/> School <input type="checkbox"/> Agricultural (crop or livestock production) <input type="checkbox"/> Backup or Emergency Generator <input type="checkbox"/> Gov't Fleet <input type="checkbox"/> Utility <input checked="" type="checkbox"/> Other (specify): <u>Community Ctr.</u>			
F. Tank Construction: <input type="checkbox"/> Bare Steel <input checked="" type="checkbox"/> Coated Steel <input type="checkbox"/> Stainless steel <input type="checkbox"/> Steel - Fiberglass Reinforced Plastic Composite <input type="checkbox"/> Fiberglass or Polyethylene <input type="checkbox"/> Concrete <input type="checkbox"/> Other (specify): _____ <input type="checkbox"/> If Upgraded by internal lining give date: _____			
Tank Double Walled? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Overfill Protection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Spill Containment? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
G. Tank Corrosion Protection: <input type="checkbox"/> Sacrificial Anodes <input type="checkbox"/> Impressed Current <input type="checkbox"/> External coating <input type="checkbox"/> N/A <input checked="" type="checkbox"/> None			
H. Primary Tank Leak Detection Method: <input type="checkbox"/> Automatic tank gauging <input type="checkbox"/> Interstitial monitoring <input type="checkbox"/> Inventory control and tightness testing <input type="checkbox"/> Visual monitoring <input type="checkbox"/> Manual tank gauging <input type="checkbox"/> Statistical Inventory Reconciliation (SIR) <input type="checkbox"/> Groundwater monitoring <input type="checkbox"/> Vapor monitoring			
I. Aboveground Piping Construction: Type: <input checked="" type="checkbox"/> Pressurized (includes gravity feed) <input type="checkbox"/> Suction <input checked="" type="checkbox"/> Bare Steel <input type="checkbox"/> Coated Steel <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Fiberglass <input type="checkbox"/> Flexible <input checked="" type="checkbox"/> Copper <input type="checkbox"/> Unknown <input type="checkbox"/> NA <input type="checkbox"/> Other _____			
J. Underground Piping Construction: Type: <input type="checkbox"/> Pressurized (includes gravity feed) <input type="checkbox"/> Suction <input type="checkbox"/> Bare Steel <input type="checkbox"/> Coated Steel <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Fiberglass <input type="checkbox"/> Flexible <input type="checkbox"/> Copper <input type="checkbox"/> Unknown <input checked="" type="checkbox"/> NA <input type="checkbox"/> Other _____			
K. Piping Cathodic Protection: <input type="checkbox"/> Sacrificial Anodes <input type="checkbox"/> Impressed Current <input checked="" type="checkbox"/> N/A Pipe Double Walled? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
L. Underground Piping Leak Detection Method <input type="checkbox"/> Groundwater monitoring <input type="checkbox"/> Vapor monitoring <input type="checkbox"/> SIR <input type="checkbox"/> Other _____			
M. Vapor Recovery/Stage II (Not Applicable for non petroleum storage) <input type="checkbox"/> Fiberglass <input type="checkbox"/> Flexible <input type="checkbox"/> Other (specify): _____ <input type="checkbox"/> Operational - Provide Date (mo./day/yr.): _____ CARB #: _____			
N. Containment: Side Material: <input type="checkbox"/> Earth <input type="checkbox"/> Concrete/block <input type="checkbox"/> Steel <input type="checkbox"/> Synthetic liner Base Material: <input type="checkbox"/> Earth <input type="checkbox"/> Concrete/block <input type="checkbox"/> Steel <input type="checkbox"/> Synthetic liner			
O. TANK CONTENTS (Current, or previous product if tank now empty) <input type="checkbox"/> Leaded <input type="checkbox"/> Unleaded <input type="checkbox"/> Gasohol <input type="checkbox"/> E85 <input type="checkbox"/> Diesel <input type="checkbox"/> Bio-diesel <input type="checkbox"/> Aviation <input type="checkbox"/> Premix <input type="checkbox"/> Kerosene <input checked="" type="checkbox"/> Fuel Oil <input type="checkbox"/> New Motor Oil <input type="checkbox"/> Waste/Used Motor Oil <input type="checkbox"/> Hazardous Waste* <input type="checkbox"/> Unknown* <input type="checkbox"/> Empty* <input type="checkbox"/> Chemical* Name _____ CAS #: _____			
* If chosen, this tank is NOT PECFA eligible.			
P. If Tank Closed, Abandoned or Out of Service Give date (mo./day/yr.): <u>9/12/2007</u>		Geo Latitude: <u>43°05'48" N</u> Geo Longitude: <u>89°20'37" W</u>	
Tank Owner Name (please print): <u>Kupfer Center, LLC</u>		Has a site assessment been completed? (see reverse side for details) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Tank Owner Signature (Note: By signing, signee is accepting legal and financial responsibility for the storage tank system.) <u>Salli Martyniak</u>		Date <u>10/5/07</u>	

Complete one form for each site closure.

The information you provide may be used for secondary purposes [Privacy Law, s.15.04 (1)(m)].

CHECKLIST FOR TANK CLOSURE

CHECK ONE:

☐ UNDERGROUND
☒ ABOVEGROUND

FOR PORTIONS OF THE FORM THAT DO NOT APPLY, CHECK THE 'N/A' BOX

RETURN COMPLETED CHECKLIST TO:

Wisconsin Department of Commerce
ERS Division
Bureau of Petroleum Products and Tanks
P.O. Box 7837
Madison, WI 53707-7837

A. IDENTIFICATION: (Please Print) Indicate whether closure is for: ☐ Tank System ☐ Tank Only ☐ Piping Only

1. Site Name <u>Kupfer Center</u>			2. Owner Name <u>Kupfer Center LLC</u>		
Site Street Address (not P.O. Box) <u>149 Wambesa Street</u>			Owner Street Address <u>211 S. Patterson St</u>		
<input checked="" type="checkbox"/> City	<input type="checkbox"/> Village	<input type="checkbox"/> Town of:	<input checked="" type="checkbox"/> City	<input type="checkbox"/> Village	<input type="checkbox"/> Town of:
State <u>WI</u>		Zip Code <u>53704</u>	State <u>WI</u>		Zip Code <u>53703</u>
County <u>Dane</u>		Telephone No. (include area code) <u>(608) 241-1574</u>			
3. Closure Company Name (print) <u>RT2 Inc</u>			Closure Company Street Address <u>2830 Dairy Drive</u>		
Closure Company Telephone No. (include area code) <u>(608) 224-2830</u>			Closure Company City, State, Zip Code <u>Madison WI 53718</u>		
4. Name of Company Performing Closure Assessment			Assessment Company Street Address, City, State, Zip Code		
Telephone No. (include area code) ()		Certified Assessor Name (print)	Assessor Signature		Assessor Certification No.

Tank ID #	Closure	Temp. Closure	Closure in Place	Tank Capacity	Contents*	Closure Assessment
1.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	275	Fuel Oil	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N
2.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/> Y <input type="checkbox"/> N
3.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/> Y <input type="checkbox"/> N
4.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/> Y <input type="checkbox"/> N

* Indicate which product: Diesel; Leaded; Unleaded; Fuel Oil; Gasohol; Aviation Fuel; Kerosene; Premix; Waste/Used Motor Oil; Flammable/Combustible Hazardous Waste; Chemical (indicate the chemical name(s) _____ and CAS number(s) _____; Other _____

Written notification was provided to the local agent 15 days in advance of closure date. ☒ Y ☐ N
All local permits were obtained before beginning closure. ☒ Y ☐ N ☐ NA

Check applicable box at right in response to all statements in Sections B-E.

B. ☐ TEMPORARILY OUT OF SERVICE

1. Product Removed

- Product lines drained into tank (or other container) and liquid removed, AND
 - All product removed to bottom of suction line, OR
 - All product removed to within 1" of bottom.
- Fill pipe, gauge pipe, tank truck vapor recovery fittings, and vapor return lines capped.
 - All product lines at the islands or pumps located elsewhere are removed and capped, OR
 - Dispensers/pumps left in place but locked and power disconnected.
 - Vent lines left open.
 - Inventory form filed indicating Temporary-Out-Of-Service (TOS) closure.

Remover Verified Inspector Verified NA

<input type="checkbox"/> Y	<input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Y	<input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Y	<input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Y	<input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Y	<input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Y	<input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>

C. ☒ CLOSURE BY REMOVAL

- Product from piping drained into tank (or other container).
- Piping disconnected from tank and removed.
- All liquid and residue removed from tank using explosion proof pumps or hand pumps.
- All pump motors and suction hoses bonded to tank or otherwise grounded.
- Fill pipes, gauge pipes, vapor recovery connections, submersible pumps and other fixtures removed.
- NOTE: DROP TUBE SHOULD NOT BE REMOVED IF THE TANK IS TO BE PURGED THROUGH THE USE OF AN EDUCATOR.
- Vent lines left connected until tanks purged
- Tank openings temporarily plugged so vapors exit through vent.
- Tank atmosphere reduced to 10% of the lower flammable range (LEL) - see Section E.
- Tank removed from excavation after PURGING/INERTING; placed on level ground and blocked to prevent movement.
- Tank cleaned before being removed from site.

<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> Y	<input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Y	<input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> Y	<input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	<input type="checkbox"/>	<input checked="" type="checkbox"/>

11. Tank labeled in 2" high letters after removal but before being moved from site. ☒ Y ☐ N ☐ ☐
- NOTE: COMPLETE TANK LABELING SHOULD INCLUDE WARNING AGAINST REUSE; FORMER CONTENTS; VAPOR STATE; VAPOR FREEING TREATMENT; DATE.**
12. Tank vent hole (1/8" in uppermost part of tank) installed prior to moving the tank from site. ☐ Y ☐ N ☒ ☒
13. Site security is provided while the excavation is open. ☐ Y ☐ N ☐ ☒

D. ☐ CLOSURE IN PLACE

NOTE: CLOSURES IN PLACE ARE ONLY ALLOWED WITH THE PRIOR WRITTEN APPROVAL OF THE DEPARTMENT OF COMMERCE OR LOCAL AGENT.

1. Product from piping drained into tank (or other container). ☐ Y ☐ N ☐ ☐
2. Piping disconnected from tank and removed. ☐ Y ☐ N ☐ ☐
3. All liquid and residue removed from tank using explosion proof pumps or hand pumps. ☐ Y ☐ N ☐ ☐
4. All pump motors and suction hoses bonded to tank or otherwise grounded. ☐ Y ☐ N ☐ ☐
5. Fill pipes, gauge pipes, vapor recovery connections, submersible pumps and other fixtures removed. ... ☐ Y ☐ N ☐ ☐
- NOTE: Refer to section E for method of vapor freeing the tank**
6. Vent lines left connected until tanks purged. ☐ Y ☐ N ☐ ☐
7. Tank openings temporarily plugged so vapors exit through vent. ☐ Y ☐ N ☐ ☐
8. Tank atmosphere reduced to 10% of the lower flammable range (LEL) see Section F. ☐ Y ☐ N ☐ ☐
9. Tank properly cleaned to remove all sludge and residue. ☐ Y ☐ N ☐ ☐
10. Solid inert material (sand, cyclone boiler slag, pea gravel recommended) introduced and tank filled. ☐ Y ☐ N ☐ ☐
11. Vent line disconnected or removed. ☐ Y ☐ N ☐ ☐
12. Inventory form filed by owner with the Department of Commerce indicating closure in place. ☐ Y ☐ N ☐ ☐

E. METHOD OF VAPOR FREEING TANK

- ☐ Displacement of vapors by Eductor or Diffused Air Blower
Eductor driven by compressed air, bonded and drop tube left in place; vapors discharged minimum of 12 feet above ground.
Diffused air blower bonded and drop tube removed. Air pressure not exceeding 5 psig.
- ☐ Inert Gas using Dry Ice or Liquid Carbon Dioxide
Dry Ice introduced at 1.5 pounds per 100 gallons of tank capacity. Dry ice crushed and distributed over the greatest possible tank area.
- ☐ Inert Gas using CO₂ or N₂ **NOTE: INERT GASSES PRODUCE AN OXYGEN DEFICIENT ATMOSPHERE. LEL METERS MAY NOT FUNCTION ACCURATELY. THE TANK MAY NOT BE ENTERED IN THIS STATE WITHOUT SPECIAL EQUIPMENT.**
Gas introduced through a single opening at a point near the bottom of the tank at the end of the tank opposite the vent.
Gas introduced under low pressure not to exceed 5 psig to reduce static electricity. Gas introducing device grounded.
- ☐ Readings of 10% or less of the lower flammable range (LEL) or 0% oxygen obtained before removing tank from ground.
- ☐ Tank atmosphere monitored for flammable or combustible vapor levels prior to and during cleaning and cutting.
- ☒ Calibrate combustible gas indicator and/or oxygen meter prior to use. Drop tube removed prior to checking atmosphere. Tank space monitored at bottom, middle and upper portion of tank.

F. CLOSURE ASSESSMENTS

NOTE: DETERMINE IF A CLOSURE ASSESSMENT IS REQUIRED BY REFERRING TO COMM 10.

1. Individual conducting the assessment has a closure assessment plan (written) which is used as the basis for their work on the site. ☒ Y ☐ N ☐ ☐
2. Do points of obvious contamination exist? Surface to tank top: ☐ Y ☐ N Within tank excavation: ☐ Y ☒ N Piping: ☐ Y ☒ N
3. Was a field screening instrument used to pre-screen soil sample locations? ☒ Y ☐ N ☐ ☐
4. Was the DNR notified of suspected or obvious contamination? ☐ Y ☒ N ☐ ☐
- Agency, office and person contacted: _____
5. Contamination suspected because of: ☐ Odor ☐ Soil Staining ☐ Free Product ☐ Sheen on Groundwater ☐ Field Instrument Test

G. ☐ Form ERS-7437 or ☐ ERS-8731 filed by owner with the Dept. of Commerce indicating closure. ☐ Yes ☐ No

H. NOTE SPECIFIC CLOSURE PROBLEMS OR CONCERNS BELOW

Tank was inside

I. REMOVER/CLEANER INFORMATION

Eric Delhors _____ Eric Delhors _____ 253020 _____ 9/12/07
Remover Name (print) Remover Signature Remover Certification No. Date Signed

I certify that the procedures and information that I have provided as the tank closure contractor are correct and comply with Comm 10.

J. INSPECTOR INFORMATION

Cheryl A. B. _____ Cheryl A. B. _____ 71683 _____ 7
Inspector Name (print) Inspector Signature Inspector Cert # LPO Agency #

1201 _____ 266-9484 _____ 9-12-07
FDID # For Location Where Inspection Performed Inspector Telephone Number Date Signed

TANK INVENTORY FORM ERS-7437 or ERS-8731 SIGNED BY THE OWNER MUST BE SUBMITTED WITH EACH CLOSURE CHECKLIST
Copy Distribution: White - Commerce Blue - Inspector Pink - Contractor Yellow - Owner



Purchased From:
BT2

RECEIPT #: 241648
RECEIPT DATE: 09/14/07

SAMUELS RECYCLING CO-MADISON
A DIV OF ALTER METAL RECY
MADISON WI 53714
608-241-7191

Veh # TK TOBAM8 I.D. # ENVRN LIT

TICKET# COMMODITY	GROSS	TARE	NET	ADJ	REASON	VEHICLE ID	PRICE UM	FRT	EXT	TOTAL AMT
TOBAM8 HMS - #2 UNPREPARED SHRED	7240	7000	240	0		ENVRN LIT	80.0000	NT	.00	9.60

ENDOR CPOMDT TOTALS (POUNDS):

7240 7000 240

TOTAL AMOUNT DUE SUPPLIER:

9.60

EMPLOYEE SIGNATURE

(MATERIAL RADIATION CHECKED)

GROSS TONS

.1071



Ticket # TOBAM8

PURCHASE TICKET

Samuels Recycling Company
A Division of Alter Metal Recycling
Madison, WI
Truck Scale

Ticket # TOBAM8
ID: ENVRN LIT

Date: 09/14/07
Ship Date: 09/14/07

Vehicle # TK TOBAM8

Purchased From: CPOMDT
BT2

Itm Shpmt Material	Pounds			Adj	Pd Wt
	Gross	Tare	Net		
1. TOBAM8 HMS - #2 UNPREPARED S	7240a	7000a	240	0	240
Totals			240	0	240

Gross Wght Date/Time 09/14/07 09:17
Tare Wght Date/Time 09/14/07 09:43

GROSS TONS
0.1071

Material Summary	Pd Wt (lb)	Price/Unit	Extended Price
HMS - #2 UNPREPARED S	240	80.000/Net tons	9.60
Total:		\$	9.60

Weighmaster Signature
(HELEN SCHWARK)

(All weights are reported in Pounds unless otherwise indicated)
(All non-Pound weights are assumed to be manual weights)
(a=Scale 1 b=Scale 2 c=Scale 3 d=Scale 4 m=Manual Weight)
MATERIAL RADIATION CHECKED

FILE COPY

Table E-1A
Groundwater Analytical Results Summary - VOCs
Goodman Community Center / BT² Project #3320
(Results are in µg/l)

Sample	Date	DRO (mg/l)	GRO	Benzene	Bromobenzene	Bromodichloro- methane	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon Tetrachloride	Chlorobenzene	Chloroethane	2-Chloroethyl vinyl ether	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	Dibromochloro- methane	1,2-Dibromo-3- Chloropropane (DBCP)
Warzyn Monitoring Wells																			
W-1 Dup	10/31/86	NA	NA	<u>369</u>	NA	<1.0	NA	NA	NA	<1.0	28	<1.0	146	<1.0	<1.0	NA	NA	<1.0	NA
	03/25/87	NA	NA	<u>1220</u>	NA	<200	NA	NA	NA	<200	<200	<200	<4,000	<200	<200	NA	NA	NA	NA
	10/31/86	NA	NA	<u>379</u>	NA	<1.0	NA	NA	NA	<1.0	23	<1.0	190	<1.0	<1.0	NA	NA	<1.0	NA
W-2	10/31/86	NA	NA	<1.0	NA	<1.0	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	<1.0	NA
W-3	10/31/86	NA	NA	<1.0	NA	<1.0	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	<1.0	NA
	03/25/87	NA	NA	<u>3.4</u>	NA	<1.0	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA
	05/15/87	NA	NA	<u>1.93</u>	NA	<1.0	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA
W-4	10/31/86	NA	NA	<1.0	NA	<1.0	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA
W-5	10/31/86	NA	NA	<1.0	NA	<1.0	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA
	11/21/86	5.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/25/87	3.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/15/87	1.77	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
W-6	10/31/86	NA	NA	<1.0	NA	<1.0	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA
	11/21/86	0.036 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
W-7	10/31/86	NA	NA	<1.0	NA	<1.0	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA
	11/21/86	0.018 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
W-8	05/18/87	NA	NA	<1.0	NA	<1.0	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA
Gannett Fleming Geoprobe Borings																			
GP-1	04/28/01	NA	NA	<0.21	<0.21	<0.24	<0.13	<0.21	<0.20	<0.24	<0.19	<0.42	NA	<0.23	<0.63	<0.28	<0.28	<0.22	<0.62
GP-2	04/28/01	NA	NA	0.22 J	<0.21	<0.24	<0.13	<0.21	<0.20	<0.24	<0.19	<0.42	NA	<0.23	<0.63	<0.28	<0.28	<0.22	<0.62
GP-3	04/28/01	NA	NA	0.35 J	<0.21	<0.24	0.31 J	0.75	<0.20	<0.24	<0.19	<0.42	NA	<0.23	<0.63	<0.28	<0.28	<0.22	<0.62
GP-4	04/28/01	NA	NA	<0.21	<0.21	<0.24	<0.13	<0.21	<0.20	<0.24	<0.19	<0.42	NA	<0.23	<0.63	<0.28	<0.28	<0.22	<0.62
GP-5	04/28/01	NA	NA	<0.21	<0.21	<0.24	<0.13	0.63 J	<0.20	<0.24	<0.19	<0.42	NA	<0.23	<0.63	<0.28	<0.28	<0.22	<0.62

Table E-1A
Groundwater Analytical Results Summary - VOCs
Goodman Community Center / BT² Project #3320
(Results are in µg/l)

Sample	Date	DRO (mg/l)	GRO	Benzene	Bromobenzene	Bromodichloro- methane	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon Tetrachloride	Chlorobenzene	Chloroethane	2-Chloroethyl vinyl ether	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	Dibromochloro- methane	1,2-Dibromo-3- Chloropropane (DBCP)
GP-6	04/28/01	NA	NA	<0.21	<0.21	<0.24	<0.13	<0.21	<0.20	<0.24	<0.19	<0.42	NA	<0.23	<0.63	<0.28	<0.28	<0.22	<0.62
GP-7	04/28/01	NA	NA	<0.21	<0.21	<0.24	<0.13	<0.21	<0.20	<0.24	<0.19	<0.42	NA	<0.23	<0.63	<0.28	<0.28	<0.22	<0.62
GP-8	04/28/01	NA	NA	<u>0.26</u> J	<0.21	<0.24	<0.13	<0.21	<0.20	<0.24	<0.19	<0.42	NA	<0.23	<0.63	<0.28	<0.28	<0.22	<0.62
Rinsate Blank	10/31/86	NA	NA	<1.0	NA	<1.0	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA
Field Blank	10/31/86	NA	NA	<1.0	NA	<1.0	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA
Trip Blank	10/31/86	NA	NA	<1.0	NA	<1.0	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA
	03/25/87	NA	NA	<1.0	NA	<1.0	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA
	05/15/87	NA	NA	<1.0	NA	<1.0	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA
	04/28/01	NA	NA	<0.21	<0.21	<0.24	<0.13	<0.21	<0.20	<0.24	<0.19	<0.42	NA	<0.23	<0.63	<0.28	<0.28	<0.22	<0.62
NR 140 Enforcement Standards		NE	NE	5	NE	0.6	NE	NE	NE	5	NE	400		6	3	NE	NE	60	0.2
NR 140 Preventive Action Limits		NE	NE	0.5	NE	0.06	NE	NE	NE	0.5	NE	80		0.6	0.3	NE	NE	6	0.02

ABBREVIATIONS:

µg/l = micrograms per liter or parts per billion (ppb)
TMBs = 1,2,4- and 1,3,5-trimethylbenzenes
VOCs = Volatile Organic Compounds
ND = Not Detected

DRO = Diesel Range Organics
MTBE = Methyl-tert-butyl ether
NA = Not Analyzed
(Dup) = Duplicate

GRO = Gasoline Range Organics
PVOCs = Petroleum Volatile Organic Compounds
NE = No Standard Established
-- = Not Applicable

NOTES:

NR 140 Enforcement Standards - Wisconsin Administrative Code (WAC). Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards.
NR 140 Preventive Action Limits - WAC, Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards.

Bold+underlined values meet or exceed NR 140 enforcement standards.
Italic+underlined values meet or exceed NR 140 preventive action limits.

I:\3320\Tables-General\GW_VOCs_Full_List1.xls\GW VOCs

Table E-1A
Groundwater Analytical Results Summary - VOCs
Goodman Community Center / BT² Project #3320
(Results are in µg/l)

Sample	Date	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoro- methane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethylene	cis-1,2- Dichloroethylene	trans-1,2- Dichloroethylene	1,2-Dichloropropane	1,3-Dichloropropane	2,2-Dichloropropane	Ethylbenzene	Hexachlorobutadiene	Isopropylbenzene	Isopropyl Ether
Warzyn Monitorin Wells																		
W-1 Dup	10/31/86	NA	<5.0	<5.0	<5.0	NA	<1.0	<u>2.4</u>	<1.0 J	<1.0	<1.0	<1.0	<1.0	NA	88	NA	NA	NA
	03/25/87	NA	<1,000	<1,000	<1,000	NA	<200	<200	<200	<200	<200	<200	<200	NA	<u>2,090</u>	NA	NA	NA
	10/31/86	NA	<5.0	<5.0	<5.0	NA	<1.0	<u>1.5</u>	<1.0	<1.0	<1.0	<1.0	<1.0	NA	69	NA	NA	NA
W-2	10/31/86	NA	<5.0	<5.0	<5.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA
W-3	10/31/86	NA	<5.0	<5.0	<5.0	NA	<1.0	<u>1.5</u>	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA
	03/25/87	NA	<5.0	<5.0	<5.0	NA	<1.0	<1.0 J	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA
	05/15/87	NA	<5.0	<5.0	<5.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA
W-4	10/31/86	NA	<5.0	<5.0	<5.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA
W-5	10/31/86	NA	<5.0	<5.0	<5.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA
	11/21/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/25/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/15/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
W-6	10/31/86	NA	<5.0	<5.0	<5.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA
	11/21/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
W-7	10/31/86	NA	<5.0	<5.0	<5.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA
	11/21/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
W-8	05/18/87	NA	<5.0	<5.0	<5.0	NA	<1.0	<1.0 J	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA
Gannett Fleming Geoprobe Borings																		
GP-1	04/28/01	<0.1	<0.19	<0.2	<0.2	<0.39	<0.24	<0.23	<0.27	<0.21	<0.25	<0.24	NA	<0.34	<0.22	<0.21	<0.19	<0.2
GP-2	04/28/01	<0.1	<0.19	<0.2	<0.2	<0.39	<0.24	<0.23	<0.27	<0.21	<0.25	<0.24	NA	<0.34	<0.22	<0.21	<0.19	<0.2
GP-3	04/28/01	<0.1	<0.2	<0.2	<0.2	<0.39	<0.24	<0.23	<0.27	<0.21	<0.25	<0.24	NA	<0.34	<0.22	<0.21	<0.19	<0.2
GP-4	04/28/01	<0.1	<0.2	<0.2	<0.2	<0.39	<0.24	<0.23	<0.27	<0.21	<0.25	<0.24	NA	<0.34	<0.22	<0.21	<0.19	<0.2
GP-5	04/28/01	<0.1	<0.2	<0.2	<0.2	<0.39	<0.24	<0.23	<0.27	<0.21	<0.25	<0.24	NA	<0.34	<0.22	<0.21	<0.19	<0.2

Table E-1A
Groundwater Analytical Results Summary - VOCs
Goodman Community Center / BT² Project #3320
(Results are in µg/l)

Sample	Date	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoro- methane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethylene	cis-1,2- Dichloroethylene	trans-1,2- Dichloroethylene	1,2-Dichloropropane	1,3-Dichloropropane	2,2-Dichloropropane	Ethylbenzene	Hexachlorobutadiene	Isopropylbenzene	Isopropyl Ether
GP-6	04/28/01	<0.1	<0.2	<0.2	<0.2	<0.39	<0.24	<0.23	<0.27	<0.21	<0.25	<0.24	NA	<0.34	<0.22	<0.21	<0.19	<0.2
GP-7	04/28/01	<0.1	<0.2	<0.2	<0.2	<0.39	<0.24	<0.23	<0.27	<0.21	<0.25	<0.24	NA	<0.34	<0.22	<0.21	<0.19	<0.2
GP-8	04/28/01	<0.1	<0.2	<0.2	<0.2	<0.39	<0.24	<0.23	<0.27	<0.21	<0.25	<0.24	NA	<0.34	<0.22	<0.21	<0.19	<0.2
Rinsate Blank	10/31/86	NA	<5.0	<5.0	<5.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA
Field Blank	10/31/86	NA	<5.0	<5.0	<5.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA
Trip Blank	10/31/86	NA	<5.0	<5.0	<5.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA
	03/25/87	NA	<5.0	<5.0	<5.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA
	05/15/87	NA	<5.0	<5.0	<5.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA
	04/28/01	<0.1	<0.2	<0.2	<0.2	<0.39	<0.24	<0.23	<0.27	<0.21	<0.25	<0.24	NA	<0.34	<0.22	<0.21	<0.19	<0.2
NR 140 Enforcement Standards		0.05	600	1,250	75	1,000	850	5	7	70	100	5	NE	NE	700	NE	NE	NE
NR 140 Preventive Action Limits		0.005	60	125	15	200	85	0.5	0.7	7	20	0.5	NE	NE	140	NE	NE	NE

ABBREVIATIONS:

µg/l = micrograms per liter or parts per billion (ppb)	DRO = Diesel Range Organics	GRO = Gasoline Range Organics
TMBs = 1,2,4- and 1,3,5-trimethylbenzenes	MTBE = Methyl-tert-butyl ether	PVOCs = Petroleum Volatile Organic Compounds
VOCs = Volatile Organic Compounds	NA = Not Analyzed	NE = No Standard Established
ND = Not Detected	(Dup) = Duplicate	-- = Not Applicable

NOTES:

NR 140 Enforcement Standards - Wisconsin Administrative Code (WAC), Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards.
NR 140 Preventive Action Limits - WAC, Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards.

Bold+underlined values meet or exceed NR 140 enforcement standards.
Italic+underlined values meet or exceed NR 140 preventive action limits.

I:\3320\Tables-General\GW_VOCs_Full_List1.xls\GW VOCs

Table E-1A
Groundwater Analytical Results Summary - VOCs
Goodman Community Center / BT² Project #3320
(Results are in µg/l)

Sample	Date	p-Isopropyltoluene	MTBE	Methylene Chloride	Naphthalene	n-Propylbenzene	Tetrachloroethylene (PCE)	1,1,2,2-Tetrachloroethane	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethylene (TCE)	Trichlorofluoromethane	TMBs	Vinyl Chloride	Xylenes
Warzyn Monitorin Wells																		
W-1	10/31/86	NA	NA	<20	NA	NA	<1.0 J	<1.0	<u>1,340</u>	NA	NA	<1.0 J	<1.0	<1.0	NA	NA	<1.0	<u>2,890</u>
	03/25/87	NA	NA	<4,000	NA	NA	<200	<200	<u>8,430</u>	NA	NA	NA	<200	<200	NA	NA	<200	<u>7,820</u>
Dup	10/31/86	NA	NA	<20	NA	NA	<1.0	<1.0	<u>1,240</u>	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<u>3,070</u>
W-2	10/31/86	NA	NA	<20	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0
W-3	10/31/86	NA	NA	<20	NA	NA	<1.0 J	<1.0	<1.0	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0
	03/25/87	NA	NA	<20	NA	NA	<1.0	<1.0	1.8	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0
	05/15/87	NA	NA	<20	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0
W-4	10/31/86	NA	NA	<20	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0	<u>1.6</u>	NA	NA	<1.0	<1.0
W-5	10/31/86	NA	NA	<20	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0
	11/21/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/25/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/15/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
W-6	10/31/86	NA	NA	<20	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0
	11/21/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
W-7	10/31/86	NA	NA	<20	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0
	11/21/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
W-8	05/18/87	NA	NA	<20	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0
Gannett Fleming Geoprobe Borings																		
GP-1	04/28/01	<0.16	<0.46	<0.22	<0.69	<0.18	<u>14</u>	<0.25	<0.41	<0.13	<0.15	0.4 J	<0.22	<0.24	<0.42	<0.60	<0.25	<0.69
GP-2	04/28/01	<0.16	<0.46	<0.22	<0.69	<0.18	<0.22	<0.25	<0.41	<0.13	<0.15	<0.26	<0.22	<0.24	<0.42	<0.60	<0.25	<0.69
GP-3	04/28/01	<0.16	<0.46	<0.22	<0.69	0.2 J	<0.22	<0.25	1.2 J	<0.13	<0.15	<0.26	<0.22	<0.24	<0.42	0.49 J	<0.25	1.88 J
GP-4	04/28/01	<0.16	<0.46	<0.22	<0.69	<0.18	<0.22	<0.25	<0.41	<0.13	<0.15	<0.26	<0.22	<0.24	<0.42	<0.60	<0.25	<0.69
GP-5	04/28/01	<0.16	<0.46	<0.22	<0.69	<0.18	<u>1.4</u>	<0.25	<0.41	<0.13	<0.15	<0.26	<0.22	<u>0.55</u> J	<0.42	<0.60	<0.25	<0.69

Table E-1A
Groundwater Analytical Results Summary - VOCs
Goodman Community Center / BT² Project #3320
(Results are in µg/l)

Sample	Date	p-Isopropyltoluene	MTBE	Methylene Chloride	Naphthalene	n-Propylbenzene	Tetrachloroethylene (PCE)	1,1,2,2-Tetrachloroethane	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethylene (TCE)	Trichlorofluoromethane	TMBs	Vinyl Chloride	Xylenes
GP-6	04/28/01	<0.16	<0.46	<0.22	<0.69	<0.18	<0.22	<0.25	<0.41	<0.13	<0.15	<0.26	<0.22	<0.24	<0.42	<0.60	<0.25	<0.69
GP-7	04/28/01	<0.16	<0.46	<0.22	<0.69	<0.18	<u>3.8</u>	<0.25	<0.41	<0.13	<0.15	<0.26	<0.22	<0.24	<0.42	<0.60	<0.25	<0.69
GP-8	04/28/01	<0.16	<0.46	<0.22	<0.69	<0.18	<u>1.3</u>	<0.25	<0.41	<0.13	<0.15	<0.26	<0.22	<0.24	<0.42	<0.60	<0.25	<0.69
Rinsate Blank	10/31/86	NA	NA	<20	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0
Field Blank	10/31/86	NA	NA	<20	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0
Trip Blank	10/31/86	NA	NA	<20	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0
	03/25/87	NA	NA	<20	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0
	05/15/87	NA	NA	<20	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0
	04/28/01	<0.16	<0.46	<0.22	<0.69	<0.18	<0.22	<0.25	<0.41	<0.13	<0.15	<0.26	<0.22	<0.24	<0.42	<0.60	<0.25	<0.69
NR 140 Enforcement Standards		NE	60	5	100	NE	5	0.2	1,000	NE	70	200	5	5	3,490	480	0.2	10,000
NR 140 Preventive Action Limits		NE	12	0.5	10	NE	0.5	0.02	200	NE	14	40	0.5	0.5	698	96	0.02	1,000

ABBREVIATIONS:

µg/l - micrograms per liter or parts per-billion (ppb)
TMBs = 1,2,4- and 1,3,5-trimethylbenzenes
VOCs = Volatile Organic Compounds
ND = Not Detected

DRO = Diesel Range Organics
MTBE = Methyl-tert-butyl ether
NA = Not Analyzed
(Dup) = Duplicate

GRO = Gasoline Range Organics
PVOCs = Petroleum Volatile Organic Compounds
NE = No Standard Established
-- = Not Applicable

Created by: EO
Last revision by: TLR
Checked by: EO
Date: 08/04/08
Date: 09/11/08
Date: 09/08/08

I:\3320\Tables-General\GW_VOCs_Full_List1.xls\GW VOCs

NOTES:

NR 140 Enforcement Standards - Wisconsin Administrative Code (WAC), Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards.
NR 140 Preventive Action Limits - WAC, Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards.
Bold+underlined values meet or exceed NR 140 enforcement standards.
Italic+underlined values meet or exceed NR 140 preventive action limits.

LABORATORY NOTES/QUALIFIERS:

J = J = Results reported between the Method Detection Limit (MDL) and Limit of Quantitation (LOQ) are less certain than results at or above the LOQ.

ATTACHMENT E

Groundwater Information

- E-1 Groundwater Analytical Results Summary Tables
 - E-1A Groundwater Analytical Results Summary - VOCs
 - E-1B Groundwater Analytical Results Summary - Metals
- C-2 Groundwater Sample Location Map (See Attachment C)
- E-3 Water Table Map
- E-4 Water Level Summary Table

Table E-1B
Groundwater Analytical Results Summary - Metals
Atwood Community Center / BT² Project #3320
(Results are in µg/l)

Sample	Date	Lab Notes	Arsenic	Lead
GP-1	4/28/2001	--	2.8 J	<u>7.3</u>
GP-2	4/28/2001	--	<1	<1
GP-3	4/28/2001	--	1.7 J	<u>1.9</u> J
GP-4	4/28/2001	--	1.2 J	<u>6.4</u>
GP-5	4/28/2001	--	<1	<u>1.6</u> J
GP-6	4/28/2001	--	2.2 J	<u>13</u>
GP-7	4/28/2001	--	<1	1.4 J
GP-8	4/28/2001	--	<1	<1
NR 140.10 Enforcement Standards (ES)			10	15
NR 140.10 Preventive Action Limits (PAL)			1	1.5

ABBREVIATIONS:

µg/l = micrograms per liter or parts per billion (ppb)

NE = No Standard Established

-- = Not Applicable

NOTES:

NR 140.10 ES - Wisconsin Administrative Code (WAC), Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards.

NR 140.10 PAL - WAC, Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards.

Italic+underlined values meet or exceed NR 140 preventive action limits.

Created by:	EO	Date:	8/4/2008
Last revision by:	EO	Date:	8/4/2008
Checked by:	EO	Date:	8/8/2008

I:\3320\Tables-General\GW_Metals1.xls]GW Metals

Figure E-3

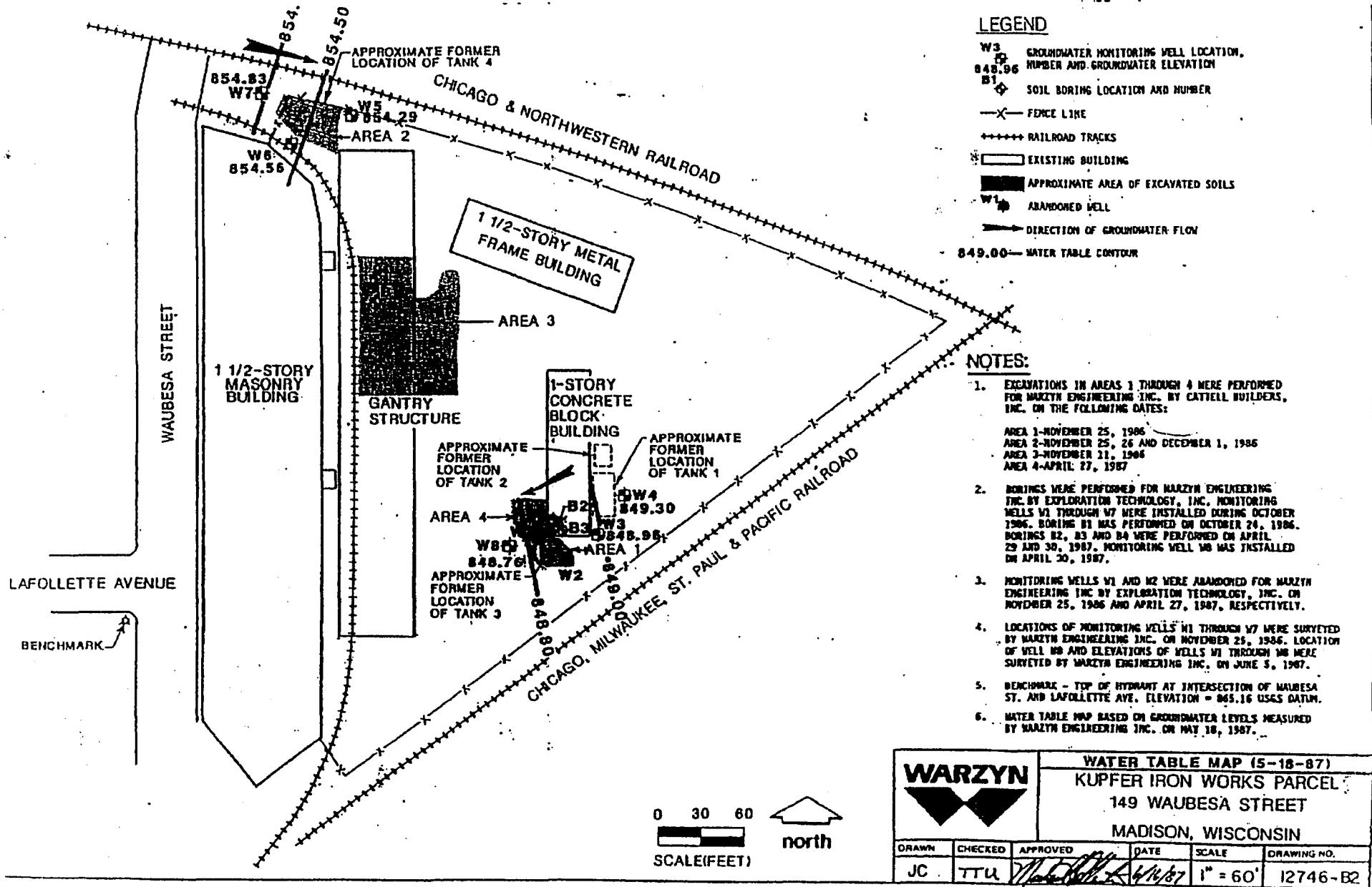


Table E-4

TABLE 4

WATER LEVEL MEASUREMENTS
MONITORING WELLS W-1 THROUGH W-8
OCTOBER 1986 TO MAY 1987,
KUPFER IRON WORKS PARCEL, 149 WAUBESA STREET, MADISON, WISCONSIN

<u>Date</u>	<u>Monitoring Well No.</u>	<u>PVC Casing Elevation</u>	<u>Water Level Elevation</u>
10-24-86	W-1	863.69	852.1
10-29-86	W-1	863.69	850.84
10-31-86	W-1	863.69	850.89
10-22-86	W-2	862.68	851.9
10-23-86	W-2	862.68	851.0
10-29-86	W-2	862.68	850.96
10-31-86	W-2	862.68	850.87
10-17-86	W-3	861.91	848.9
10-29-86	W-3	861.91	851.19
10-31-86	W-3	861.91	850.98
05-18-87	W-3	861.91	848.96
10-22-86	W-4	863.11	851.6
10-23-86	W-4	863.11	851.4
10-29-86	W-4	863.11	852.40
10-31-86	W-4	863.11	851.19
05-18-87	W-4	863.11	849.30
10-23-86	W-5	864.21	852.7
10-29-86	W-5	864.21	855.00
10-31-86	W-5	864.21	854.95
11-21-86	W-5	864.21	853.72
05-18-87	W-5	864.21	854.29
10-23-86	W-6	864.27	853.3
10-29-86	W-6	864.27	855.00
10-31-86	W-6	864.27	854.91
11-21-86	W-6	864.27	853.69
05-18-87	W-6	864.27	854.56
10-23-86	W-7	864.59	852.8
10-29-86	W-7	864.59	855.41
10-31-86	W-7	864.59	855.36
11-21-86	W-7	864.59	855.25
05-18-87	W-7	864.59	854.83
05-18-87	W-8	863.41	848.76

NOTES

Elevations given in tenths of a foot were measured in open borehole from ground surface.

Monitoring Wells W-1 and W-2 were abandoned prior to May 18, 1987 water level monitoring (see text).

Monitoring Well W-8 was installed on April 30, 1987.

[jap-400-28c]

ATTACHMENT F

Other Contaminated Media Information

- F-1 Analytical Results Summary - PCBs
- F-2 WEA PCB Sample Locations
- F-3 BT² PCB Sample Locations

Table F-1
Analytical Results Summary - PCBs
Goodman Community Center / BT² Project #3320
(Results are in mg/kg, except wipe samples, which are in ug/100 cm²)

Sample	Sampler	Matrix	Date	Depth (inches)	Total PCBs	PCB-1016	PCB-1221	PCB-1232	PCB-1242	PCB-1248	PCB-1254	PCB-1260
PCB0627.01	WEA	Concrete	06/27/05	wipe	<1.0	ND	ND	ND	ND	ND	ND	ND
PCB0627.02	WEA	Concrete	06/27/05	wipe	<1.0	ND	ND	ND	ND	ND	ND	ND
PCB0627.03	WEA	Concrete	06/27/05	wipe	<1.0	ND	ND	ND	ND	ND	ND	ND
PCB0627.04	WEA	Concrete	06/27/05	wipe	<1.0	ND	ND	ND	ND	ND	ND	ND
PCB0627.05	WEA	Steel	06/27/05	wipe	<1.0	ND	ND	ND	ND	ND	ND	ND
PCB0627.06	WEA	Steel	06/27/05	wipe	<1.0	ND	ND	ND	ND	ND	ND	ND
PCB0627.07	WEA	Concrete	06/27/05	wipe	<u>5.4</u>	ND	ND	ND	ND	ND	<u>5.4</u>	ND
PCB0627.08	WEA	Wood	06/27/05	wipe	<u>4.8</u>	ND	ND	ND	ND	ND	<u>4.8</u>	ND
PCB0627.09	WEA	Concrete	06/27/05	wipe	<u>1.3</u>	ND	ND	ND	ND	ND	<u>1.3</u>	ND
PCB0627.10	WEA	Concrete	06/27/05	wipe	<u>1.2</u>	ND	ND	ND	ND	ND	<u>1.2</u>	ND
PCB0627.11	WEA	Concrete	06/27/05	wipe	<u>1.2</u>	ND	ND	ND	ND	ND	<u>1.2</u>	ND
PCB0627.12	WEA	Wood	06/27/05	wipe	<u>1.2</u>	ND	ND	ND	ND	ND	<u>1.2</u>	ND
PCB0725.01	WEA	Concrete	07/25/05	0 - 0.5	<u>1.2</u>	ND	ND	ND	ND	ND	ND	ND
PCB0725.04	WEA	Concrete	07/25/05	0 - 0.5	<1.0	ND	ND	ND	ND	ND	ND	ND
PCB0725.07	WEA	Concrete	07/25/05	0 - 0.5	<1.0	ND	ND	ND	ND	ND	ND	ND
PCB0725.08	WEA	Wood	07/25/05	0 - 0.5	<u>3.5</u>	ND	ND	ND	ND	ND	<u>3.5</u>	ND
PCB0725.09	WEA	Concrete	07/25/05	0 - 0.5	<1.0	ND	ND	ND	ND	ND	ND	ND
PCB0725.10	WEA	Concrete	07/25/05	0 - 0.5	<1.0	ND	ND	ND	ND	ND	ND	ND
PCB0725.11	WEA	Concrete	07/25/05	0 - 0.5	<1.0	ND	ND	ND	ND	ND	ND	ND
PCB0725.12	WEA	Wood	07/25/05	0 - 0.5	<u>10.6</u>	ND	ND	ND	ND	ND	<u>10.6</u>	ND
PCB0725.13	WEA	Concrete	07/25/05	0 - 0.5	<u>2.2</u>	ND	ND	ND	ND	ND	<u>2.2</u>	ND
PCB0725.14	WEA	Concrete	07/25/05	0 - 0.5	<u>2.5</u>	ND	ND	ND	ND	ND	<u>2.5</u>	ND
PCB0725.15	WEA	Concrete	07/25/05	0 - 0.5	<1.0	ND	ND	ND	ND	ND	ND	ND
PCB0725.16	WEA	Concrete	07/25/05	0 - 0.5	<u>2.7</u>	ND	ND	ND	ND	ND	<u>2.7</u>	ND
C-8	BT ²	Wood	06/04/07	0 - 1	<u>2.52</u>	<0.299	<0.299	<0.299	<0.299	<0.299	<u>2.52</u>	<0.299
D-6	BT ²	Wood	06/04/07	0 - 1	<u>1.47</u>	<0.298	<0.298	<0.298	<0.298	<0.298	<u>1.47</u>	<0.298

Table F-1
Analytical Results Summary - PCBs
Goodman Community Center / BT² Project #3320
(Results are in mg/kg, except wipe samples, which are in ug/100 cm²)

Sample	Sampler	Matrix	Date	Depth (inches)	Total PCBs	PCB-1016	PCB-1221	PCB-1232	PCB-1242	PCB-1248	PCB-1254	PCB-1260
D-7	BT ²	Wood	06/04/07	0 - 1	<u>1.52</u>	<0.299	<0.299	<0.299	<0.299	<0.299	<u>1.52</u>	<0.299
D-8	BT ²	Wood	06/04/07	0 - 1	<u>9.85</u>	<0.283	<0.283	<0.283	<0.283	<0.283	<u>9.85</u>	<0.283
C-8	BT ²	Wood	03/28/08	0 - 1	ND	<0.295	<0.295	<0.295	<0.295	<0.295	<0.295	<0.295
D-7	BT ²	Wood	03/28/08	0 - 1	<u>0.51</u>	<0.295	<0.295	<0.295	<0.295	<0.295	<u>0.51</u>	<0.295
D-8	BT ²	Wood	03/28/08	0 - 1	ND	<0.296	<0.296	<0.296	<0.296	<0.296	<0.296	<0.296
D-12	BT ²	Wood	03/28/08	0 - 1	<u>2.24</u>	<0.298	<0.298	<0.298	<0.298	<u>2.24</u>	<0.298	<0.298
40 CFR 761.61 Cleanup Level					1.0							

ABBREVIATIONS:

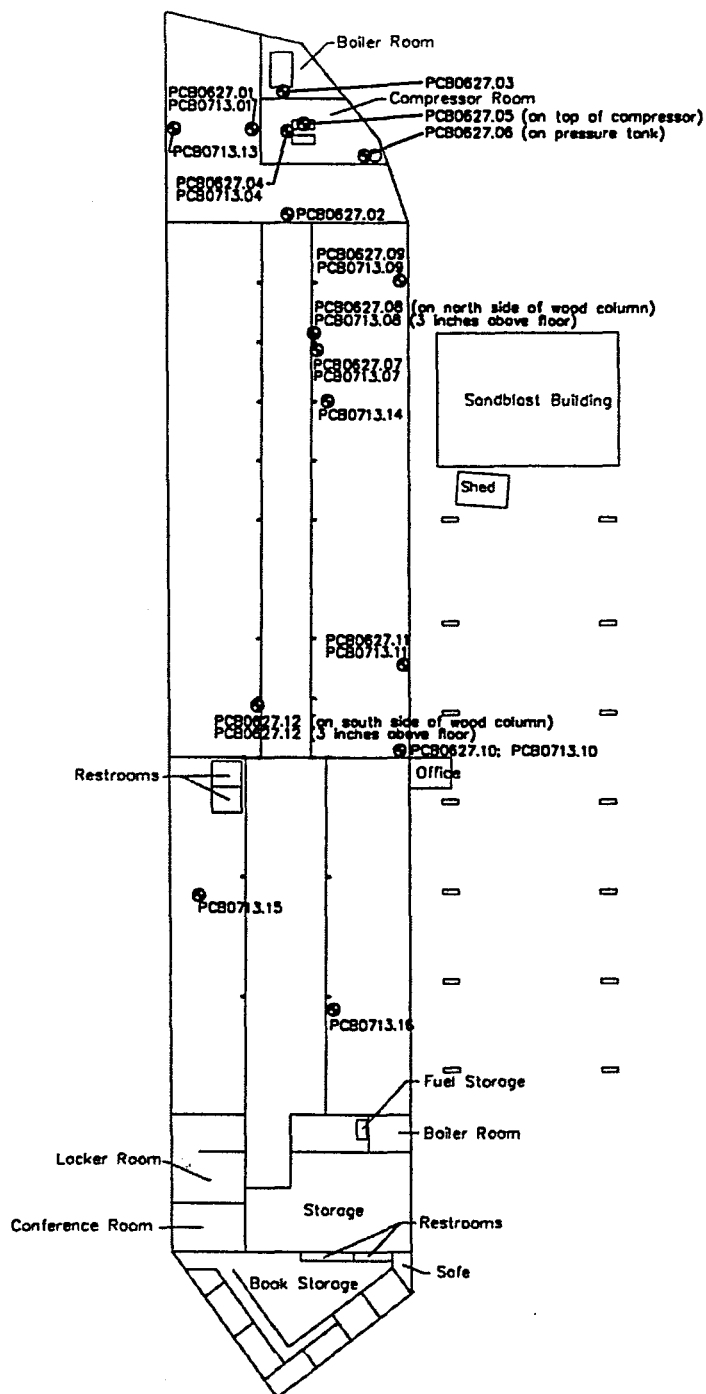
PCB = Polychlorinated Biphenyls
CFR = Code of Federal Regulations

mg/kg = milligrams per kilogram
ND = not detected

Created by: EO Date: 08/05/08
Last revision by: EO Date: 09/04/08
Checked by: EO Date: 09/08/08

I:\3320\Tables-General\Soil_PCBs1.xls]Soil PCBs

Figure F-2



WILLIAMS
ENVIRONMENTAL
ASSOCIATES Inc.

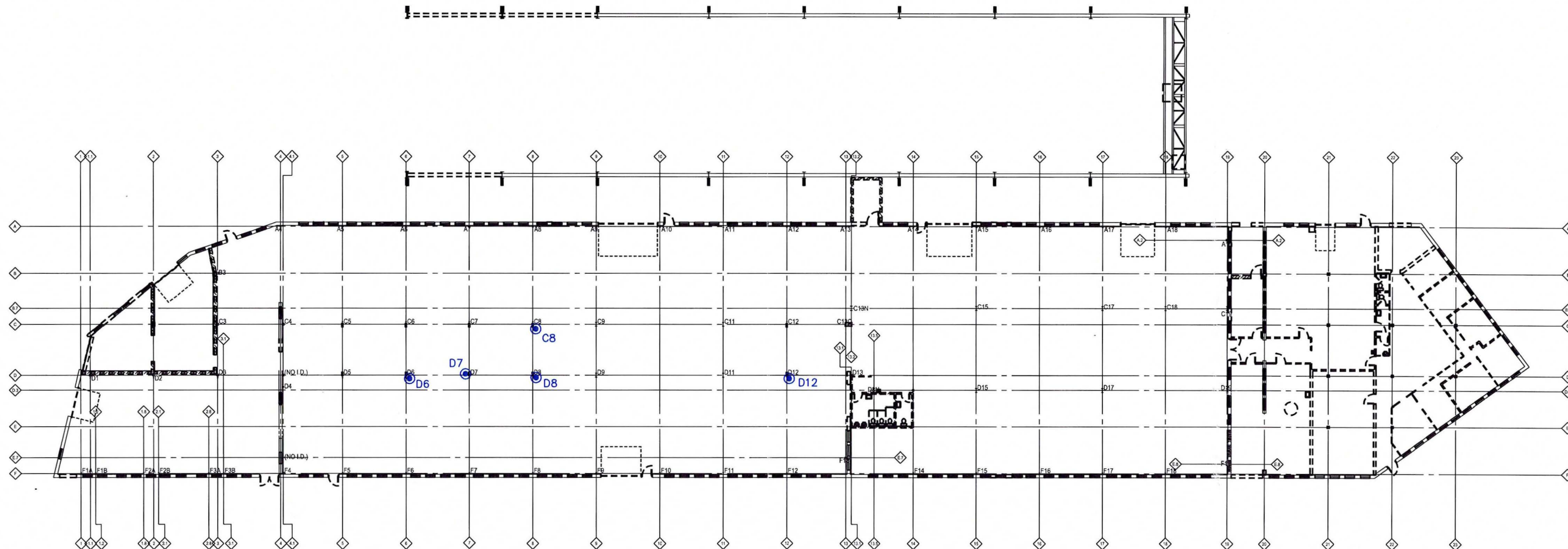
Client: Atwood Community Center

Environmental Sampling

**Ironworks Property
149 Waubesa Street
Madison, Wisconsin**

Figure 5.1

**PCB Sampling
Locations**
(Approx. Scale: 1" = 65')



FIRST FLOOR DEMOLITION PLAN

1/32" = 1'-0"

NOTES:

1. BUILDING PLAN FROM FIRST FLOOR DEMOLITION PLAN PREPARED BY EPPSTEIN UHEN ARCHITECTS.
2. COLUMNS C6 AND D6 ARE ENCASED IN CONCRETE BLOCK.
3. COLUMN D12 IS WRAPPED WITH WOOD TRIM.

LEGEND

- PCB SAMPLE LOCATION

PROJECT NO.	3320	DRAWN BY:	KRG/KP	ENGINEER	BT ² inc.	2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830 FAX: (608) 224-2839	CLIENT	GOODMAN COMMUNITY CENTER 149 WAUBESA STREET MADISON, WISCONSIN 53704 PHONE: (608) 241-1574	SITE	GOODMAN COMMUNITY CENTER 149 WAUBESA STREET MADISON, WISCONSIN	BT ² PCB SAMPLE LOCATIONS	FIGURE F-3
DRAWN:	09/15/08	CHECKED BY:	EO									
REVISED:	10/07/08	APPROVED BY:										

ATTACHMENT G

Associated Site Closure Information

- G-1 Map and Photographs of Cap Area
- G-2 Description of Soil Performance Standard Cover System
- G-3 Contaminated Soil Cap Maintenance Plan

LEGEND	
	PROPERTY LINE/RIGHT-OF-WAY
	RAILROAD TRACKS
	ELECTRIC
	FIBER OPTIC
	GAS MAIN
	OVERHEAD UTILITY
	SANITARY SEWER
	STORM SEWER
	TELEPHONE
	WATER MAIN



PROJECT NO. 3320	DRAWN BY: KRG/KP		2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830 FAX: (608) 224-2839	CLIENT GOODMAN COMMUNITY CENTER 149 WAUBESA STREET MADISON, WISCONSIN 53704 PHONE: (608) 241-1574	SITE GOODMAN COMMUNITY CENTER 149 WAUBESA STREET MADISON, WISCONSIN	POST-DEVELOPMENT SITE MAP WITH CAP	FIGURE G-1
DRAWN: 09/15/08	CHECKED BY: EN/EO						
REVISED: 10/07/08	APPROVED BY:						

Attachment G-1
Photographs of Completed Site Cap
Goodman Community Center
149 Waubesa Street, Madison, WI
BT² Project #3320A



Photo 1: View of landscaping along bike path looking southwest.



Photo 2: View of east end of site and rain garden, looking north.

Attachment G-1
Photographs of Completed Site Cap
Goodman Community Center
149 Waubesa Street, Madison, WI
BT² Project #3320A



Photo 3: View of pavement and grassy areas looking north toward gym from bike path.



Photo 4: View of landscaping and pavement looking northeast along north edge of bike path.

Attachment G-1
Photographs of Completed Site Cap
Goodman Community Center
149 Waubesa Street, Madison, WI
BT² Project #3320A



Photo 5: Auger boring for installation of playground equipment, looking southeast. Borings confirmed at least 36 inches of clean imported fill below sub-grade of playground surface.



Photo 6: View of area below crane gantry showing pavement and play area, looking north.

Attachment G-1
Photographs of Completed Site Cap
Goodman Community Center
149 Waubesa Street, Madison, WI
BT² Project #3320A



Photo 7: View of completed play area looking northeast toward gym.



Photo 8: View of concrete pavement between main building and gym, looking north.

Attachment G-1
Photographs of Completed Site Cap
Goodman Community Center
149 Waubesa Street, Madison, WI
BT² Project #3320A



Photo 9: View of area between gym and railroad tracks, looking east, southeast.



Photo 10: View of lawn area south of gym looking northwest (August 19, 2008).

ATTACHMENT G-2

Description of Soil Performance Standard Cover System

**Goodman Community Center
149 Waubesa Street, Madison, Wisconsin**

Vogel Brothers supervised the installation of the soil cap as part of the site redevelopment process. The extent of the various capping materials are shown on **Figure G-1**. The cap includes the original main building, the gymnasium, concrete walks, and landscaped areas covered with grass, mulch, or plantings. Photographs of the completed cap are included in **Attachment G-1**.

The sole function of the cap is to prevent direct contact with the residual soil contamination at the site. With the exception of the paint building, garage, and sandblasting building, the site was covered with gravel and a few small areas of deteriorated concrete and asphalt prior to redevelopment. BT², Inc., established the base grades for the site redevelopment to allow for approximately 1 foot of paving and base course materials below areas to be surfaced with asphalt or concrete, and 2 feet of clean soil in areas to be landscaped.

The remodeled main building and new gymnasium both have concrete floors that prevent direct contact with contamination in the subsurface soil. The asphalt and concrete paved surfaces effectively prevent contact with contaminated subsurface soils and are underlain by clean base course materials that will allow repairs to the concrete or asphalt without exposing workers to the underlying soils. The landscaped areas of the site have a minimum of 2 feet of clean soil to provide a barrier to direct contact with residual soil contamination. Typical repairs to lawns and landscape will not require digging below the bottom of the clean fill. If deeper excavations are necessary, the Cap Maintenance Plan provides an instrument for advising workers on proper management of excavated soil.

ATTACHMENT G-3

Contaminated Soil Cap Maintenance Plan

**Contaminated Soil Cap Maintenance Plan
Goodman Community Center
149 Waubesa Street
Madison, Wisconsin**

October 2008

Prepared For:

**Goodman Community Center
149 Waubesa Street
Madison, Wisconsin 53704**

Prepared By:

**BT², Inc.
2830 Dairy Drive
Madison, Wisconsin 53718**

BT² Project #3320

TABLE OF CONTENTS

1.0 INTRODUCTION	1
2.0 COVER AND BUILDING BARRIER PURPOSE	1
3.0 ANNUAL INSPECTION	1
4.0 MAINTENANCE ACTIVITIES	2
5.0 AMENDMENT OR WITHDRAWAL OF MAINTENANCE PLAN	2
5.1 Contact Information	2
Goodman Community Center	1

FIGURE

G-1 Site Map With Soil Cap

APPENDICES

A Barrier Inspection Log

i:\3320\2008 closure\cap maint plan.doc

This page intentionally blank.

1.0 INTRODUCTION

Property Location: 149 Waubesa Street
Madison, Wisconsin

FID #: 113123560

WDNR BRRTS/Activity #: 02-13-262205

Property Description: Certified Survey Map No. 12316 as recorded in Dane County Register of Deeds in Volume 76 Page 200 of Certified Surveys Lot 1.

Tax #: 071005305018

This document is the Maintenance Plan for a pavement and landscape cover and building barrier at the above-referenced property in accordance with the requirements of s. NR 724.13(2), Wisconsin Administrative Code. The maintenance activities relate to the existing slab on grade buildings, paved surfaces, and landscaped areas occupying the area over the contaminated soil on site. The contaminated soil is impacted by metals and polynuclear aromatic hydrocarbons (PAHs). The location of the paved surfaces, landscaped areas, and building to be maintained in accordance with this Maintenance Plan, as well as the impacted soil, are identified on the attached map (**Figure G-1**).

2.0 COVER AND BUILDING BARRIER PURPOSE

The paved surfaces, landscaped areas, and the building foundations over the contaminated soil serve as a barrier to prevent direct human contact with residual soil contamination that might otherwise pose a threat to human health. Based on the current and future use of the property, the barrier should function as intended unless disturbed.

3.0 ANNUAL INSPECTION

The paved surfaces, landscaped areas, and building foundation overlying the contaminated soil and as depicted on **Figure G-1** will be inspected once a year, normally in the spring after all snow and ice are gone, for deterioration, cracks, erosion, and other potential problems that can cause exposure to underlying soils. The inspections will be performed to evaluate damage due to settling, exposure to the weather, wear from traffic, uprooted trees, and other factors. Any area where subsurface soils have become or are likely to become exposed will be documented. A log of the inspections and any repairs

will be maintained by the property owner and is included in **Appendix A**, Cap Inspection Log. The log will include recommendations for necessary repair of any areas where subsurface soils are exposed or where a depression in the pavement shows severe cracking. Once repairs are completed, they will be documented in the inspection log.

4.0 MAINTENANCE ACTIVITIES

If problems are noted during the annual inspections or at any other time during the year, repairs will be scheduled as soon as practical. Repairs can include patching and filling operations or they can include larger resurfacing or construction operations. In the event that necessary maintenance or planting activities expose the underlying soil, the owner must inform maintenance workers of the direct contact exposure hazard. The owner must also sample any soil that is excavated from the site prior to disposal to ascertain if contamination remains or assume the soil is contaminated and manage it accordingly. Contaminated soil must be treated, stored, and disposed of by the owner in accordance with applicable local, state, and federal law.

In the event the paved surfaces, clean soil and/or the building overlying the contaminated soil are removed or replaced, the replacement barrier must be of an equivalent thickness. Any replacement barrier will be subject to the same maintenance and inspection guidelines as outlined in this Maintenance Plan unless indicated otherwise by the WDNR or its successor.

The property owner, in order to maintain the integrity of the paved surfaces, landscaped areas and/or the building, will maintain a copy of this Maintenance Plan on site and make it available to all interested parties (i.e., on-site employees, contractors, future property owners, etc.) for viewing.

5.0 AMENDMENT OR WITHDRAWAL OF MAINTENANCE PLAN

This Maintenance Plan can be amended or withdrawn by the property owner and its successors with the written approval of the WDNR.

5.1 Contact Information

September 2008

Site Owner and Operator: Ms. Becky Steinhoff
149 Waubesa Street
Madison, WI 53704
Phone: 608-241-1574

Consultant: BT², Inc.
2830 Dairy Drive
Madison, WI 53718
Phone: (608) 224-2830

WDNR: Mr. Michael Schmoller
Wisconsin Department of Natural Resources
3911 Fish Hatchery Road
Fitchburg, WI 53711
Phone: 608-275-3303

I:\3320\2008 closure\Cap Maint Plan.doc

This page intentionally blank.

FIGURE

G-1 Site Map With Soil Cap
Cap Photos

Attachment G-1
Photographs of Completed Site Cap
Goodman Community Center
149 Waubesa Street, Madison, WI
BT² Project #3320A



Photo 1: View of landscaping along bike path looking southwest.



Photo 2: View of east end of site and rain garden, looking north.

Attachment G-1
Photographs of Completed Site Cap
Goodman Community Center
149 Waubesa Street, Madison, WI
BT² Project #3320A



Photo 3: View of pavement and grassy areas looking north toward gym from bike path.



Photo 4: View of landscaping and pavement looking northeast along north edge of bike path.

Attachment G-1
Photographs of Completed Site Cap
Goodman Community Center
149 Waubesa Street, Madison, WI
BT² Project #3320A



Photo 5: Auger boring for installation of playground equipment, looking southeast. Borings confirmed at least 36 inches of clean imported fill below sub-grade of playground surface.



Photo 6: View of area below crane gantry showing pavement and play area, looking north.

Attachment G-1
Photographs of Completed Site Cap
Goodman Community Center
149 Waubesa Street, Madison, WI
BT² Project #3320A



Photo 7: View of completed play area looking northeast toward gym.



Photo 8: View of concrete pavement between main building and gym, looking north.

Attachment G-1
Photographs of Completed Site Cap
Goodman Community Center
149 Waubesa Street, Madison, WI
BT² Project #3320A



Photo 9: View of area between gym and railroad tracks, looking east, southeast.



Photo 10: View of lawn area south of gym looking northwest (August 19, 2008).

Goodman Community Center
149 Waubesa Street
Madison, WI 53704
BRRS #02-13-262205

Barrier Inspection Log

Inspection Date	Inspector	Condition of Cap	Recommendations	Have Recommendations From Previous Inspection Been Implemented?

APPENDIX A

Barrier Inspection Log

LEGEND	
	PROPERTY LINE/RIGHT-OF-WAY
	RAILROAD TRACKS
	ELECTRIC
	FIBER OPTIC
	GAS MAIN
	OVERHEAD UTILITY
	SANITARY SEWER
	STORM SEWER
	TELEPHONE
	WATER MAIN



PROJECT NO. 3320	DRAWN BY: KRG/KP		2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830 FAX: (608) 224-2839	CLIENT GOODMAN COMMUNITY CENTER 149 WAUBESA STREET MADISON, WISCONSIN 53704 PHONE: (608) 241-1574	SITE GOODMAN COMMUNITY CENTER 149 WAUBESA STREET MADISON, WISCONSIN	POST-DEVELOPMENT SITE MAP WITH CAP	FIGURE G-1
DRAWN: 09/15/08	CHECKED BY: EN/EO						
REVISED: 10/07/08	APPROVED BY:						

ATTACHMENT H

Required GIS Registry Information

GIS Registry Checklist (Form 4400-245)

- Source Legal Documents
- Maps
- Tables
- Notifications

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.].

BRTS #: 02-13-262205 (No Dashes) PARCEL ID #: 071005305018, 07100530506-8

ACTIVITY NAME: Goodman Community Center WTM COORDINATES: X: 473435 Y: 291795

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 #: 12316 Title: Certified Survey Map
- ☒ **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 #: A-2 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 #: C-2 Title: Soil Sample Locations
- ☒ **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 #: D-1 Title: Extent of Soil Excavation

BRRTS #: 02-13-262205

ACTIVITY NAME: Goodman Community Center

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 #: C-3 Title: Cross Section A-A'

Figure #: C-4 Title: Cross Section B-B'

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

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

Figure #: Title:

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

Figure #: E-3 Title: Water Table Map (5-18-87)

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 #: C-1A, C-1B, C-1C Title: Soil Analytical Results Summary - Metals, - VOCs, - PAHs

- ☒ **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 #: E-1A, E-1B Title: Groundwater Analytical Results Summary - VOCs, - Metals

- ☒ **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 #: E-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).

BRTS #: 02-13-262205

ACTIVITY NAME: Goodman Community Center

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: 0

- ☐ **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: 2

This fillable form is intended to provide a list of information that must be submitted for evaluation for case closure. It is to be used in conjunction with Form 4400-202, Case Closure Request (Section H). 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 #: (No Dashes)

ACTIVITY NAME:

ID	Off-Source Property Address	Parcel Number	WTM X	WTM Y
A	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
B	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
C	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
D	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
E	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
F	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
G	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
H	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
I	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

DOCUMENT #
4257353

11/28/2006 07:49AM

Trans. Fee:
Exempt #:

Rec. Fee: 19.00
Pages: 5

001153

Document Number

AFFIDAVIT OF CORRECTION

(TYPE OR PRINT CLEARLY IN BLACK OR RED INK)

AFFIANT, Peder Moren, the President of Schenk's Atwood Revitalization Corporation, which is the Managing Member of Kupfer Center, LLC, hereby swears or affirms that a certain document which is titled as follows: Warranty Deed, dated as of December 30, 2005, and which was recorded on the 5th day of January, 2006 as Document No. 4150162 in the office of the Register of Deeds of Dane County, State of Wisconsin, contained the following error in the legal description of Exhibit A:

The first call of Parcel Two after the point of commencement should have a bearing of "South 36° 02 minutes 06 seconds East". Exhibit A of said Warranty Deed incorrectly stated the bearing to be "South 36° 04 minutes 05 seconds West".

AFFIANT makes this Affidavit for the purpose of correcting the above document as follows:

Exhibit A is hereby deleted from the Warranty Deed referenced above and is replaced with the Corrected Exhibit A attached hereto.

Kupfer Center, LLC is the grantee named in the Warranty Deed referenced above and is the current owner of the property described therein.

Recording Area

Drafted by and after recording, return to:
Atty. Timothy J. Radelet
Foley & Lardner LLP
P. O. Box 1497
Madison, WI 53701-1497

251/0710-053-0501-8

Parcel Identification Number (PIN)

A copy of the original document (in part or whole) ☒ is ☐ is not (check one) attached to this Affidavit (if original document is not attached, please attached legal description and names of grantors and grantees).

Dated: as of December 30, 2005.

Signed:

Peder Moren
Peder Moren, as President
Schenk's Atwood Revitalization Corporation,
Managing Member of Kupfer Center, LLC

State of Wisconsin)
County of Dane) ss.

Subscribed and sworn to before me this
22nd day of November, 2006.

Timothy J. Radelet
Notary Public, State of Wisconsin
My Commission (expires)(is): permanent

AFFIANT is the (check one):

- ☐ Drafter of the document being corrected.
☒ Owner of the property described in the document being corrected.
☐ Other (explain: _____)

THIS INSTRUMENT WAS DRAFTED BY:
Timothy J. Radelet of Foley & Lardner LLP

THIS FORM IS INTENDED TO CORRECT SCRIVENER'S ERRORS AND NOT FOR THE CONVEYANCE OF REAL PROPERTY.

*Names of persons signing in any capacity must be typed or printed below their signature.

WRDA Version V - 9/20/1999

5/10

CORRECTED EXHIBIT A

PARCEL ONE: Outlot Three (3), Fair Oaks, in the City of Madison, Dane County, Wisconsin. Together with vacated East Street adjoining said lot.

AND Outlot D, Clyde A. Gallagher's Subdivision of parts of Outlots 106, 107, and 108 Farwell's Addition, in the City of Madison, Dane County, Wisconsin.

AND Part of the West 1/2 of Section 5, Township 7 North, Range 10 East, including All of Block Nineteen (19) and Lots One (1) through Thirteen (13), Block Twenty (20), Fair Oaks, in the City of Madison, Dane County, Wisconsin, described as follows: Beginning at the Northwest corner of Block 20, Fair Oaks, thence 416.7 feet South along the Easterly line of Waubesa Street to the South corner of Block 19, Fair Oaks; thence Southeasterly perpendicular to the right of way of the former Chicago, Milwaukee, St. Paul and Pacific Railway Company 60 feet to the Northwesterly line of said right of way; thence 254.1 feet Northeasterly along said Northwesterly line to the center line of vacated East Street; thence 244.9 feet North along said center line to the Southwesterly line of the right of way of the former Chicago and North Western Railway Company; thence 246 feet Northwesterly along said Southwesterly line to the point of beginning.

PARCEL TWO: Part of the Northwest Quarter of the Southwest Quarter (NW1/4 SW1/4) of Section Five (5), Township 7 North, Range 10 East, City of Madison Dane County, Wisconsin, described as follows: Commencing at the Southwest corner of Block 19, Fair Oaks, recorded as Document Number 243077; thence South 36° 02 minutes 6 seconds East, 60.03 feet to the Southeasterly right-of-way line of vacated St. Paul Avenue; thence North 52° 13 minutes 24 seconds East, 517.20 feet to the point of beginning; thence North 68° 29 minutes 36 seconds West, 203.33 feet to a point of curvature; thence 267.75 feet along a curve to the left said curve having a radius of 2292.01 feet and having a chord direction of North 73° 58 minutes 37 seconds West and a chord length of 267.60 feet; thence North 00° 18 minutes 42 seconds West, 0.02 feet to a point of curvature on the southerly line of the Union Pacific Railroad Company, formerly being the Chicago and North Western railroad right-of-way, thence 474.21 feet along a curve to the right and along the Southerly line of said right-of-way, said curve having a radius of 2504.00 feet and having a chord direction of South 72° 09 minutes 41 seconds East and a chord length of 473.50 feet; thence South 52° 13 minutes 24 seconds West, 5.51 feet to the point of beginning.

Tax Parcel No. 251/0710-053-0501-8

PARCEL THREE: Leasehold Estate established by Lease recorded October 7, 2003 as Document No. 3824226, by and between the City of Madison, Lessor, and Ironworks Development, LLC, Lessee, demising certain premises contained within part of the Northwest Quarter of the Southwest Quarter (NW1/4 SW1/4) of Section Five (5), Township 7 North, Range 10 East, City of Madison Dane County, Wisconsin, described as follows: Beginning at the intersection of the southeasterly right-of-way line of vacated St. Paul Avenue and the northeasterly right-of-way line of Waubesa Street; thence North 52° 13 minutes 24 seconds East along the southeasterly right-of-way line of said vacated St. Paul Avenue, 192.00 feet (said southeasterly right-of-way line being coterminous with the northwesterly right-of-way line of the City-of-Madison-owned former railroad corridor); thence South 00° 18 minutes 42 seconds West, 40.10 feet; thence South 52° 13 minutes 24 seconds West, 168.22 feet to the northeasterly right-of-way line of said Waubesa Street; thence North 36° 02 minutes 06 seconds West along said right-of-way line, 31.57 feet to the point of beginning.

Tax Parcel No. 251/0710-053-0503-4 Includes additional land (part of bike path parcel).



State Bar of Wisconsin Form 1 - 2003

WARRANTY DEED

Document Number

Document Name

THIS DEED, made between Ironworks Development, LLC, a
Wisconsin limited liability company
 ("Grantor," whether one or more),
 and Kupfer Center, LLC, a Wisconsin 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 Dane County, State of
 Wisconsin ("Property") (if more space is needed, please attach addendum):

See Exhibit A attached

DANE COUNTY
REGISTER OF DEEDSDOCUMENT #
4150162

01/05/2006 04:11PM

Trans. Fee: 2700.00
Exempt #:Rec. Fee: 15.00
Pages: 3

001155

~~001553~~

Recording Area

Name and Return Address

Timothy J. Radelet

Foley & Lardner

150 East Gilman Street

P.O. Box 1497

Madison, Wisconsin 53701-1497

251-0710-053-0501-8

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, general taxes for 2005, and matters on Exhibit B attached.

Dated December 30, 2005Ironworks Development, LLC

(SEAL)

(SEAL)

* by Milton C. Griep. Manager

(SEAL)

(SEAL)

AUTHENTICATION

ACKNOWLEDGMENT

Signature(s) Milton C. Griep.authenticated on December 29, 2005* Kent L. SchliengerTITLE: MEMBER STATE BAR OF WISCONSIN(If not,
authorized by Wis. Stat. § 706.06)

THIS INSTRUMENT DRAFTED BY:

Kent L. SchliengerNeider & Boucher, S.C., Madison, WI

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

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

WARRANTY DEED

STATE BAR OF WISCONSIN

FORM No. 1-2003

*Type name below signatures.

Neider & Boucher, S.C. 440 Science Dr Ste 300 Madison, WI 53711
Kent SchliengerProduced with ZipForm™ by RE FormsNet, LLC 18025 Fifteen Mile Road, Clinton Township, Michigan 48035 www.zipform.com

Phone: (608) 661-4500

Fax: (608) 661-4510

Ironworks Deve

159787

3/15

Exhibit A

~~001551~~

PARCEL ONE: Outlot Three (3), Fair Oaks, in the City of Madison, Dane County, Wisconsin. Together with vacated East Street adjoining said lot.

AND Outlot D, Clyde A. Gallagher's Subdivision of parts of Outlots 106, 107, and 108 Farwell's Addition, in the City of Madison, Dane County, Wisconsin.

AND Part of the West 1/2 of Section 5, Township 7 North, Range 10 East, including All of Block Nineteen (19) and Lots One (1) through Thirteen (13), Block Twenty (20), Fair Oaks, in the City of Madison, Dane County, Wisconsin, described as follows: Beginning at the Northwest corner of Block 20, Fair Oaks, thence 416.7 feet South along the Easterly line of Waubesa Street to the South corner of Block 19, Fair Oaks; thence Southeasterly perpendicular to the right of way of the former Chicago, Milwaukee, St. Paul and Pacific Railway Company 60 feet to the Northwesterly line of said right of way; thence 254.1 feet Northeasterly along said Northwesterly line to the center line of vacated East Street; thence 244.9 feet North along said center line to the Southwesterly line of the right of way of the former Chicago and North Western Railway Company; thence 246 feet Northwesterly along said Southwesterly line to the point of beginning.

PARCEL TWO: Part of the Northwest Quarter of the Southwest Quarter (NW1/4 SW1/4) of Section Five (5), Township 7 North, Range 10 East, City of Madison Dane County, Wisconsin, described as follows: Commencing at the Southwest corner of Block 19, Fair Oaks, recorded as Document Number 243077; thence South $36^{\circ} 04$ minutes 5 seconds West, 60.03 feet to the Southeasterly right-of-way line of vacated St. Paul Avenue; thence North $52^{\circ} 13$ minutes 24 seconds East, 517.20 feet to the point of beginning; thence North $68^{\circ} 29$ minutes 36 seconds West, 203.33 feet to a point of curvature; thence 267.75 feet along a curve to the left said curve having a radius of 2292.01 feet and having a chord direction of North $73^{\circ} 58$ minutes 37 seconds West and a chord length of 267.60 feet; thence North $00^{\circ} 18$ minutes 42 seconds West, 0.02 feet to a point of curvature on the southerly line of the Union Pacific Railroad Company, formerly being the Chicago and North Western railroad right-of-way, thence 474.21 feet along a curve to the right and along the Southerly line of said right-of-way, said curve having a radius of 2504.00 feet and having a chord direction of South $72^{\circ} 09$ minutes 41 seconds East and a chord length of 473.50 feet; thence South $52^{\circ} 13$ minutes 24 seconds West, 5.51 feet to the point of beginning.

Tax Parcel No. 251/0710-053-0501-8

Exhibit B**Additional Exceptions to Warranty of Title**

1. Public or private rights in such portion of the subject premises as may be presently used, laid out or dedicated in any manner whatsoever, for street, highway, and/or alley purposes.
2. Rights and easements, if any, in and to any and all railroad switches, sidetracks, spur tracks and rights of way located upon or appurtenant to the subject premises.
3. Easements and rights incidental thereto in connection with the continued use and right of entrance, maintenance, construction and repair of municipal or utility facilities as may exist underground or overground in or on that portion of the subject premises which were formerly a part of LaFollette Ave., St. Paul Ave., and East Street now vacated (discontinued).
4. Building encroachment onto Waubesa Street right-of-way as disclosed in instrument recorded: February 23, 1987, as Document No.: 1998837.
5. Terms and conditions of a lease recorded: February 23, 1987, as Document No.: 1998837. Assignment and conditions set forth in instrument recorded: April 27, 1990, as Document No.: 2196089.
6. Encroachment Agreement recorded: February 8, 2002 as Document No. 3443936.
7. Memorandum of Lease between Ironworks Development, LLC as Landlord and Madison Cellular Telephone Company as Tenant recorded March 23, 2004 as Document No. 3886943.
8. Right-of-way Grant to Madison Gas and Electric Company recorded: August 3, 2004 as Document No. 3949869.
9. Matters revealed by survey dated March 19, 2001 by Michelle L. Burse, Registered Land Surveyor:
 - Encroachment on Waubesa Street by building and gutter overhang, as shown by plat of survey.
 - Encroachment on property adjoining on the Southeast by the fence and concrete block building located on the land as shown by plat of survey.
 - Driveway approach is across the City of Madison Isthmus Bike Path over a gravel access area and bituminous driveway entering land from said bike path, not from Waubesa Street.



* 4 3 2 7 6 1 5 6 *

DANE COUNTY

REGISTER OF DEEDS

DOCUMENT #

4327615

06/27/2007

09:13AM

Trans. Fee: 92.70

Exempt #:

Rec. Fee: 21.00

Pages: 6

Document Number

QUITCLAIM DEED

COVER SHEET
FOR
RECORDATION
OF
QUITCLAIM DEED
FROM
UNION PACIFIC RAILROAD COMPANY
TO
KUPFER CENTER, LLC

Recording Area

Name and Return Address:

Foley & Lardner LLP
Attn: Timothy J. Radelet
P.O. Box 1497
Madison, WI 53701-1497

251/0710-053-0504-2

Parcel Identification Number (PIN)
(When applicable)

297414

QUITCLAIM DEED

UNION PACIFIC RAILROAD COMPANY, a Delaware corporation (successor in interest by merger to Union Pacific Railroad Company, a Utah corporation, successor to Chicago and North Western Railway Company), Grantor, in consideration of the sum of Ten Dollars (\$10.00), and other valuable consideration to it duly paid, the receipt whereof is hereby acknowledged, does hereby REMISE, RELEASE and forever QUITCLAIM unto KUPFER CENTER, LLC, a Wisconsin limited liability company, Grantee, whose address is 211 South Paterson Street, Madison, WI 53703 and unto its successors and assigns forever, all of Grantor's right, title, interest, estate, claim and demand, both at law and in equity, of, in, and to the real estate (hereinafter the "Property") situated in Dane County, State of Wisconsin, as more particularly described in **Exhibit A**, hereto attached and hereby made a part hereof.

EXCEPTING from this quitclaim and RESERVING unto Grantor, its successors and assigns, forever, all minerals and all mineral rights of every kind and character now known to exist or hereafter discovered underlying the Property, including without limiting the generality of the foregoing, oil and gas and rights thereto, together with the sole, exclusive and perpetual rights to explore for, remove and dispose of said minerals by any means or methods suitable to the Grantor, its successors and assigns, but without entering upon or using the surface of the Property, and in such manner as not to damage the surface of the Property, or to interfere with the use thereof by the Grantee, its successors and assigns.

The Property is quitclaimed by Grantor subject to the following covenants, conditions and restrictions, which Grantee by the acceptance of this Deed covenants for itself, its successors and assigns, faithfully to keep, observe and perform:

1. Fence Covenant. Grantee, at its sole cost and expense, shall install, within ninety (90) days after the date of delivery of this Deed, and thereafter maintain fencing or other barriers to prevent access to or encroachment on the railroad right-of-way of Grantor adjacent to the northern boundary of the Property. The fencing or barrier must be of a design and type satisfactory to Grantor, and in compliance with applicable building codes. Grantee shall submit the plans for the fencing or barrier construction to:

Vice President-Engineering Management
Union Pacific Railroad Company
1400 Douglas Street, Mail Stop 0910
Omaha, Nebraska 68179

with copy of transmittal to:

Assistant Vice President - Real Estate
Union Pacific Railroad Company
1400 Douglas Street, Mail Stop 1690
Omaha, Nebraska 68179

for review and approval. Grantor shall complete such review and make appropriate response to Grantee within twenty (20) days after receipt of such plans by Grantor. Grantor shall not unreasonably withhold its approval of such plans. Such approval does not constitute a guarantee or warranty that such plans comply with applicable governmental laws, rules, regulations or ordinances, or that the fence as constructed will be structurally sound.

2. Railroad Proximity Covenant.

(a) Grantee acknowledges that the property abutting the northern boundary line of the Property is dedicated and used for railroad purposes, that railroad operations may create noise, vibrations, emissions, fumes and odors twenty-four (24) hours a day, and that the amount, nature and intensity of railroad operations may increase or change (collectively, the "Permitted Effects"). Grantee accepts the Property subject to the existence of the Permitted Effects. By acceptance of the Property, Grantee agrees that, at Grantee's sole cost and expense, as part of the development of the Property, Grantee shall design and install and/or construct and thereafter maintain improvements to reduce or limit the Permitted Effects and to comply with all governmental requirements, if any, which may be imposed as a condition to the development and use of the Property because of the Permitted Effects.

(b) Grantee shall not, and hereby waives all rights to, (i) institute legal proceedings against Grantor to reduce or lessen the Permitted Effects, and (ii) directly or indirectly participate in petition drives, lobbying efforts or other activities seeking the enactment of federal, state or local laws or ordinances to reduce or lessen the Permitted Effects. Any party breaching such covenant shall reimburse Grantor for all costs incurred by Grantor to comply with any such orders, laws or ordinances, including, without limitation, attorney fees and court costs.

(c) If Grantee sells or leases all or any portion of the Property, Grantee shall require all purchasers and tenants to acknowledge the location of the railroad operations abutting the Property and the existence of the Permitted Effects, and to agree in writing, for the benefit of Grantor, to comply with the above covenants.

The foregoing covenants, conditions and restrictions will run with the Property. A breach of the foregoing covenants, conditions and restrictions, or the continuance thereof, may, at the option of Grantor, its successors or assigns, be enjoined, abated or remedied by appropriate proceedings.

IN WITNESS WHEREOF, the Grantor has caused this deed to be duly executed as of the 20th day of June, 2007.

Attest:

UNION PACIFIC RAILROAD COMPANY

Printed Name: M.E. Heenan

Title: Assistant Secretary

(Seal)

By Tony K. Love

Printed Name: TONY K. LOVE

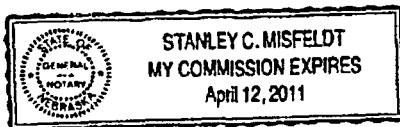
Title: Assistant Vice President - Real Estate

ACKNOWLEDGMENT

STATE OF NEBRASKA)
) ss.
COUNTY OF DOUGLAS)

On this 20th day of June, 2007, before me, STANLEY C. MISFELDT Notary Public in and for said County and State, personally appeared Tony K. Love and M.E. Heenan who are the Assistant Vice President Real Estate and the Assistant Secretary, respectively, of Union Pacific Railroad Company, a Delaware corporation, and who are personally known to me (or proved to me on the basis of satisfactory evidence) to be the persons whose names are subscribed to in the within instrument, and acknowledged to me that they executed the same in their authorized capacities, and that by their signatures on the instrument the persons, or the entity upon behalf of which the persons acted, executed the instrument.

WITNESS my hand and official seal.



Stanley C. Misfeldt
Notary Public

(Seal)

This instrument was prepared by: Tony K. Love


Union Pacific Railroad Company
Law Department
1400 Douglas Street, Stop 1580
Omaha, Nebraska 68179

Grantee hereby accepts this Deed and agrees for itself, its successors and assigns, to be bound by the covenants set forth herein.

Dated this 15th day of June, 2007.

KUPFER CENTER, LLC

By Forward Community Investments, Inc.,
Manager

By: 
Salli F. Martyniak

Its: President

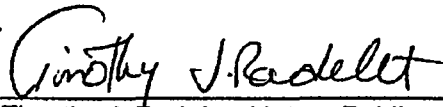
STATE OF WISCONSIN)
) ss.
COUNTY OF DANE)

On this 15th day of June, 2007, before me, Timothy J. Radelet, Notary Public in and for said County and State, personally appeared Salli F. Martyniak who is the President of Forward Community Investments, Inc., the Manager of Kupfer Center, LLC, a Wisconsin limited liability company, and who is personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to in the within instrument, and acknowledged to me that she executed the same in her authorized capacity, and that by her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



(Seal)


Timothy J. Radelet, Notary Public
Dane County, Wisconsin
My commission is permanent.

UNION PACIFIC RAILROAD COMPANY
Madison, Dane County, Wisconsin
EXHIBIT "A"

Part of the Northwest Quarter of the Southwest Quarter of Section 05, Township 07 North, Range 10 East, City of Madison, Dane County, Wisconsin, more particularly described as follows:

Commencing at the southwest corner of Block 19, FAIR OAKS, recorded as Document - Number 243077; thence North 01 degree 22 minutes 49 seconds East along the easterly right-of-way line of Waubesa Street, 416.72 feet to the southerly right-of-way line of the Union Pacific Railroad, being the Point of Beginning; thence along said railroad right-of-way, 474.21 feet on the arc of a curve to the right through a central angle of 10 degrees 51 minutes 02 seconds having a radius of 2504.00 feet and a chord bearing South 70 degrees 28 minutes 10 seconds East, 473.50 feet, to the Northwestern right-of-way line of the former railroad right-of-way that is currently the City of Madison Isthmus Bike Path; thence North 53 degrees 54 minutes 55 seconds East along said northwesterly right-of-way, 17.13 feet to a point of non-tangential curvature; thence 492.30 feet along the arc of a curve to the left through a central angle of 11 degrees 11 minutes 51 seconds having a radius of 2519.00 feet to the easterly right-of-way line of Waubesa Street; thence South 10 degrees 47 minutes 30 seconds East, 16.53 feet along the easterly right-of-way line of said Waubesa Street to the Point of Beginning;

Contains an area of 0.1664 Acres more or less.

OFFICE OF REAL ESTATE
OMAHA, NEBRASKA
June 11, 2007
242636.leg



* 4 4 3 4 0 8 9 1 *

DANE COUNTY

REGISTER OF DEEDS

DOCUMENT #

4434089

05/23/2008

12:02PM

Trans. Fee: 4788.30

Exempt #:

Rec. Fee: 11.00

Pages: 1

WARRANTY DEED

Document Number

Document Name

THIS DEED, made between Kupfer Center, LLC, a Wisconsin limited liability company

(“Grantor,” whether one or more),
and Irwin A. and Robert D. Goodman Community Center, Inc., a Wisconsin nonstock corporation

(“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 Dane County, State of Wisconsin (“Property”):

Lot 2 of Certified Survey Map No. 12316, recorded in the office of the Dane County, Wisconsin Register of Deeds on November 14, 2007 in Volume 76 of Certified Surveys at Pages 200 – 207 as Document No. 4374068, in City of Madison, Dane County, Wisconsin.

Recording Area

Name and Return Address
Timothy J. Radelet
Foley & Lardner LLP
150 E. Gilman Street
Post Office Box 1497
Madison, Wisconsin 53701-1497

251/0710-053-0506-8

Parcel Identification Number (PIN)

This is not homestead property.

Grantor warrants that the title to the Property is good, indefeasible in fee simple and free and clear of encumbrances except: those as set forth in Schedule B Section Two of First American Title Insurance Company Commitment No. NCS-331906-MAD.

Dated as of March 31, 2008.

KUPFER CENTER, LLC,
a Wisconsin limited liability company

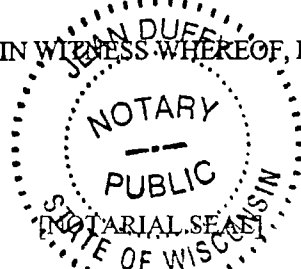
By: Forward Community Investments, Inc.,
a Wisconsin nonstock corporation, its Manager

By: Salli F. Martyniak
Salli F. Martyniak, President

STATE OF WISCONSIN)
) SS.
COUNTY OF DANE)

On this 2nd day of May, 2008, before me, a Notary Public, personally appeared Salli F. Martyniak, to me personally known, who being by me duly sworn, did say that she is the President of Forward Community Investments, Inc., the Manager of Kupfer Center, LLC, a Wisconsin limited liability company, and that this instrument was signed and sealed on behalf of such limited liability company, and that she, as the President of Forward Community Investments, Inc., being authorized so to do, executed this instrument as the free act and deed of such limited liability company.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.



Name: Jean Duffy Jean Duffy
Notary Public, County of Dane, State of Wisconsin
My Commission 2-27-2011

This instrument was drafted by Erick Harris of Foley & Lardner LLP.

Erick

331906



City of Madison - Assessor's Office

Legal Description

(Notice: This description may be abbreviated and is for assessment purposes only. It should not be used to transfer property)

Parcel Number: 071005305034 **Address:** 176 S Fair Oaks Ave

Lot Number: 0

Block Number: 0

T7N R10E, SEC 5, PRT SW 1/4, DESC AS FOL FORMER CMSTP&P RAILROAD RIGHT OF WAY RUNNING NELY FROM WAUBESA STREET TO A PT 117 FT NELY OF SOUTHWEST COR S MARQUETTE ST. ALSO NELY 25' OF FORMER C&NW RAILROAD RIGHT OF WAY LOCATED WEST OF WAUBESA ST RUNNING SELY TO NW LINE OF FORMER CMSTP&P RAILROAD ROW LINE. ALSO SWLY 25' OF FORMER C&NW RAILROAD RIGHT OF WAY LOCATED WEST OF SE LINE OF FORMER CMSTP&P RAILROAD ROW LINE AND RUNNING SELY TO NORTH LN S FAIR OAKS AVE. NOW USED AS BIKE PATH & THAT PART AS DESC IN DOC 4323945.



Stock No. 26273



* 4 3 7 4 0 6 8 8 *

CERTIFIED SURVEY MAP No. 12316

BLOCKS 19 AND 20 AND OUTLOT 3, FAIR OAKS; AND OUTLOT D, CLYDE A. GALLAGHER'S SUBDIVISION OF PART OF OUTLOTS 106, 107, AND 108, FARWELL'S ADDITION TO MADISON; ALSO VACATED ST. PAUL AVENUE, VACATED OAKWOOD AVENUE AND VACATED EAST STREET; AND PART OF THE NORTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 05, TOWNSHIP 07 NORTH, RANGE 10 EAST, CITY OF MADISON, DANE COUNTY, WISCONSIN

Found monument stem 0
(cap broken off) at
Meander corner for

West 1/4-Corner
Section 05, T07N R10E

S89°59'46"E 5335.93' (5336.09')

SCALE : ONE INCH = EIGHTY FEET

Found
monument
stem (cap
broken off)
at East
1/4-Corner
Section 05,
T07N R10E

WCCS-Dane NAD83(91)
Coordinates per Feb 16, 2004
tie sheets by Carl Sandsnes:

Meander for West 1/4:

X=831373.03 US ft

Y=491406.74 US ft

East 1/4:

X=836709.12 US ft

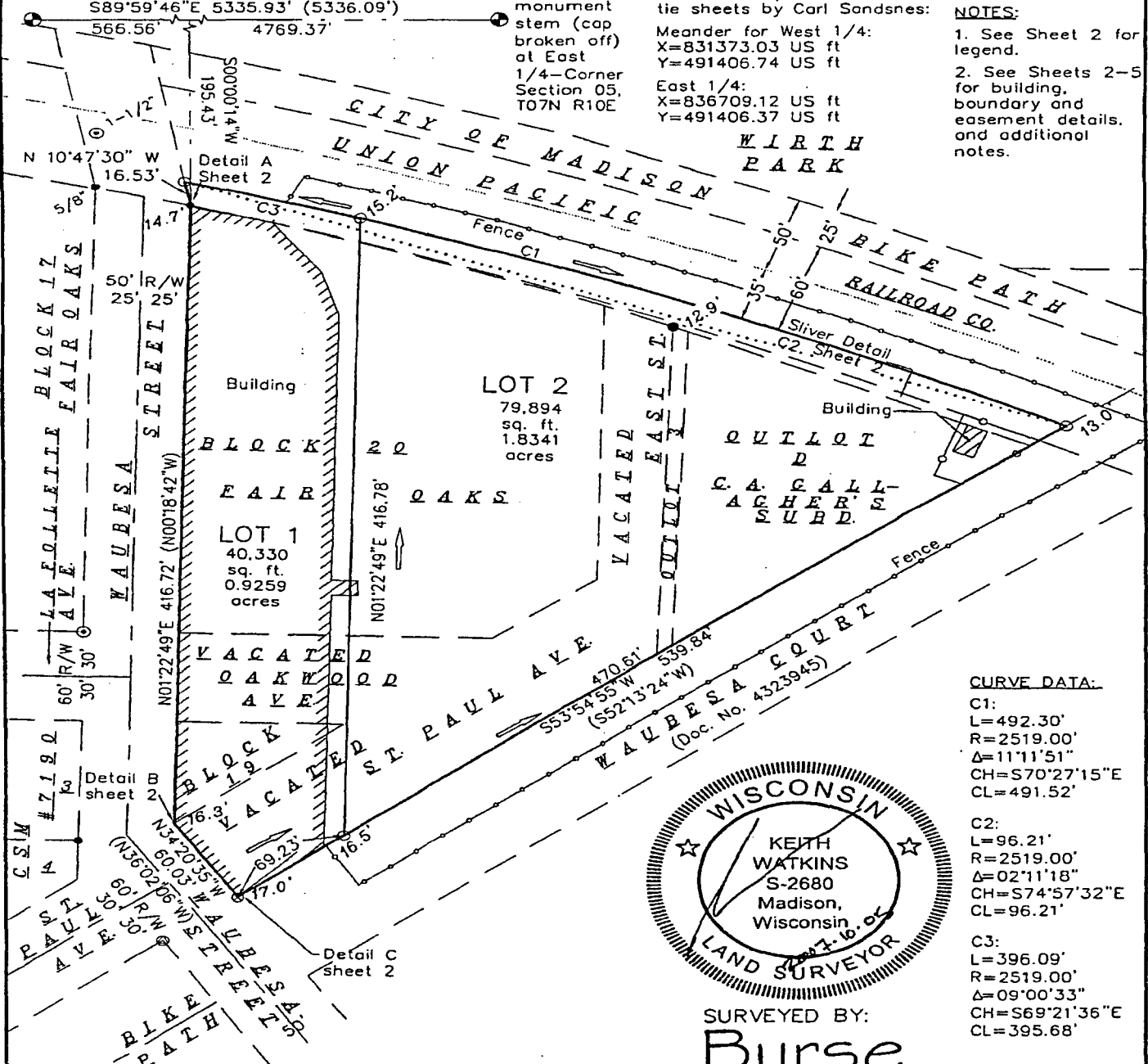
Y=491406.37 US ft

NOTES:

1. See Sheet 2 for legend.
2. See Sheets 2-5 for building, boundary and easement details, and additional notes.

GRID NORTH

WISCONSIN COUNTY
COORDINATE SYSTEM, DANE
ZONE, NAD83(91) DATUM
PER CITY OF MADISON



MAP NO. 12316

DOCUMENT NO. 4374068

VOLUME 76 PAGES 200-207

Date: October 5, 2007

Plot View: Sht1

PROJECTS\BSE924\CSM\CSBSE924.DWG

SURVEYED FOR:

Kupfer Center, LLC
211 Paterson St., Suite 160
Madison, WI 53703

SURVEYED BY:

Burse

surveying & engineering inc

1400 E. Washington Ave, Suite 158
Madison, WI 53703 608.250.9263

Fax: 608.250.9266

email: burse@chorus.net

www.bursesurveyengr.com SHEET 1 OF 8



Stock No. 26273

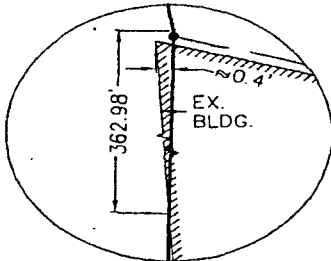
CERTIFIED SURVEY MAP No. 12316

BLOCKS 19 AND 20 AND OUTLOT 3, FAIR OAKS; AND OUTLOT D, CLYDE A. GALLAGHER'S SUBDIVISION OF PART OF OUTLOTS 106, 107, AND 108, FARWELL'S ADDITION TO MADISON; ALSO VACATED ST. PAUL AVENUE, VACATED OAKWOOD AVENUE AND VACATED EAST STREET; AND PART OF THE NORTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 05, TOWNSHIP 07 NORTH, RANGE 10 EAST, CITY OF MADISON, DANE COUNTY, WISCONSIN

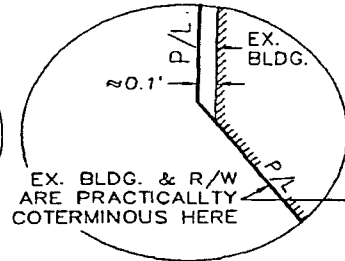
GRID NORTH
WISCONSIN COUNTY
COORDINATE SYSTEM, DANE
ZONE, NAD83(91) DATUM
PER CITY OF MADISON

BOUNDARY CORNER DETAILS (NOT TO SCALE)

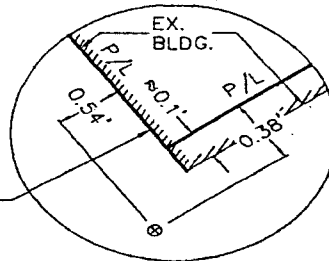
DETAIL A



DETAIL B

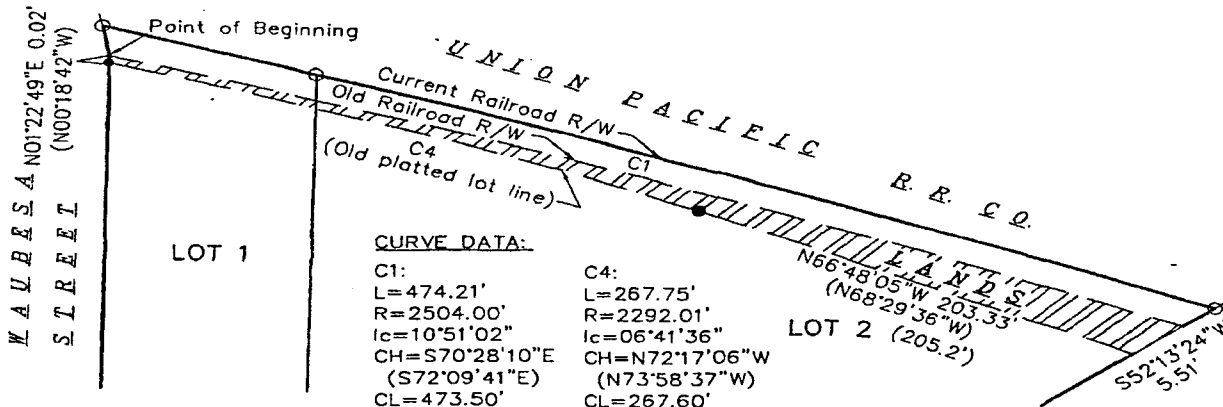


DETAIL C



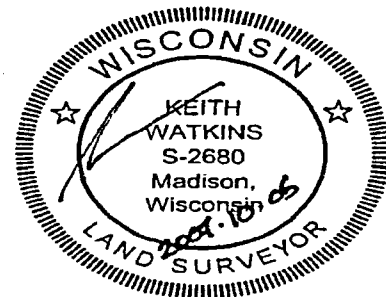
RAILROAD SLIVER DETAIL (NOT TO SCALE)

This sliver of land (shown with double-hatching) is included in this Certified Survey Map.



LEGEND

- ⊙ IRON PIPE FOUND (OUTSIDE DIAMETER 1" OR AS NOTED)
 - SOLID IRON ROD FOUND (O.D. 3/4" OR AS NOTED)
 - SOLID IRON ROD FOUND (O.D. 1-1/4")
 - ⊙ FOUND RAILROAD SPIKE
 - ⊙ FOUND CHISELED CROSS
 - SET 3/4"x18" SOLID IRON BAR, WEIGHT 1.5 LB/FT., WITH RED PLASTIC BURSE CAP
 - DRAINAGE ARROW (NOTE 4, SHEET 5)
 - 15.2' GROUND ELEVATION AT LOT CORNER (NOTE 4, SHEET 5)
 - () INDICATES RECORDED AS
- DISTANCES MEASURED TO THE NEAREST 0.01 FOOT.



Burse

surveying & engineering Inc.

1400 E. Washington Ave. Suite 158
Madison, WI 53703 608.250.9263

Fax: 608.250.9266

email: burse@chorus.net

www.bursesurveyengr.com

SHEET 2 OF 8

MAP NO. 12316

DOCUMENT NO. 4374068

VOLUME 76 PAGES 200-207

Date: October 5, 2007

Plot View: Sht2

PROJECTS\BSE924\CSM\CSBSE924.DWG



Stock No. 26273

CERTIFIED SURVEY MAP No. 12316

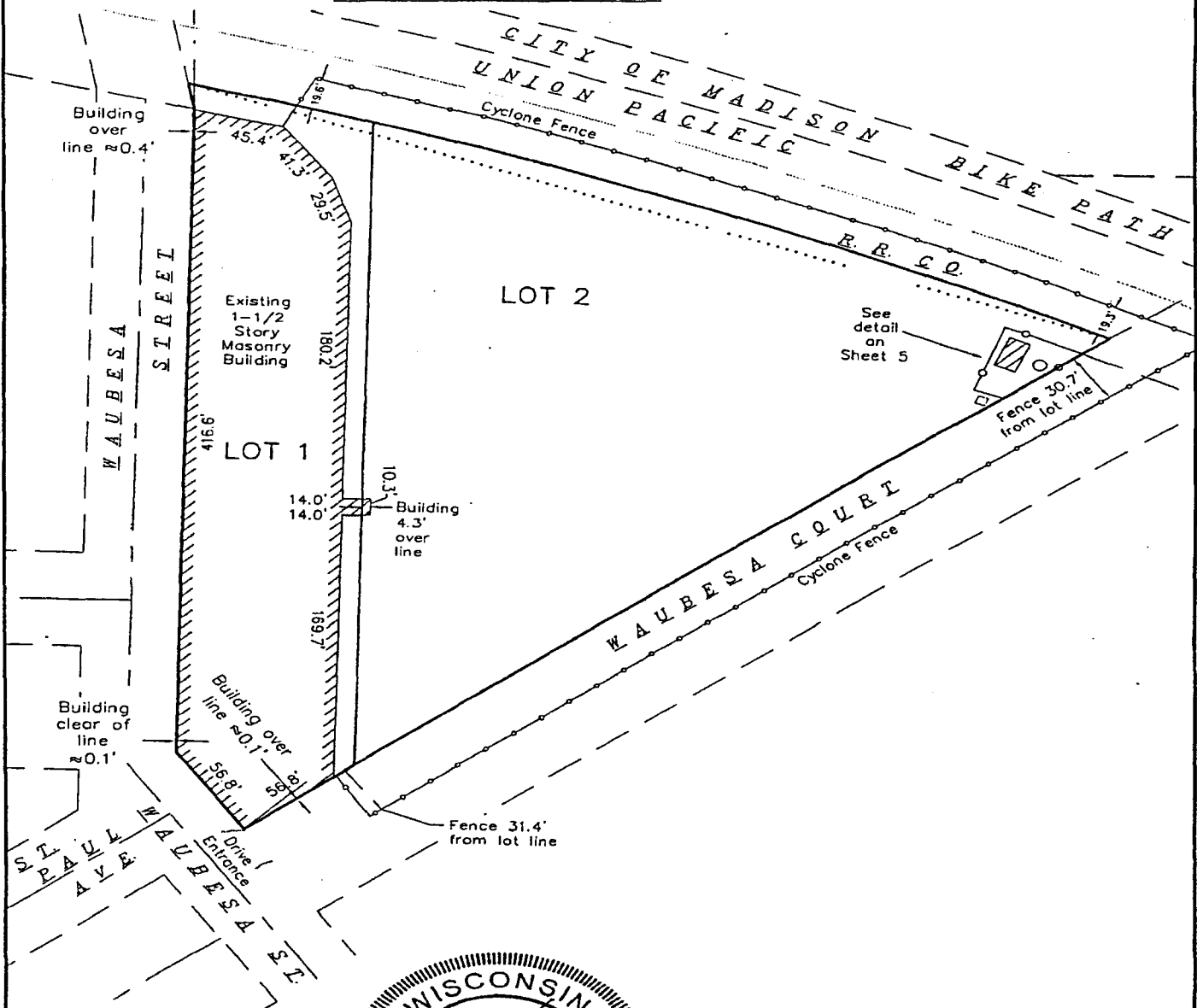
BLOCKS 19 AND 20 AND OUTLOT 3, FAIR OAKS; AND OUTLOT D, CLYDE A. GALLAGHER'S SUBDIVISION OF PART OF OUTLOTS 106, 107, AND 108, FARWELL'S ADDITION TO MADISON; ALSO VACATED ST. PAUL AVENUE, VACATED OAKWOOD AVENUE AND VACATED EAST STREET; AND PART OF THE NORTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 05, TOWNSHIP 07 NORTH, RANGE 10 EAST, CITY OF MADISON, DANE COUNTY, WISCONSIN



SCALE : ONE INCH = EIGHTY FEET
IMPROVEMENTS DETAIL

GRID NORTH

WISCONSIN COUNTY
COORDINATE SYSTEM, DANE
ZONE, NAD83(91) DATUM
PER CITY OF MADISON



MAP NO. 12316
DOCUMENT NO. 4374 068
VOLUME 26 PAGES 200-207

Date: October 5, 2007
Plot View: Sht3
PROJECTS\BSE924\CSM\CSBSE924.DWG

Burse

surveying & engineering inc.

1400 E. Washington Ave, Suite 158
Madison, WI 53703 608.250.9263

Fax: 608.250.9266

email: burse@chorus.net

www.bursesurveyengr.com SHEET 3 OF 8



Stock No. 26273

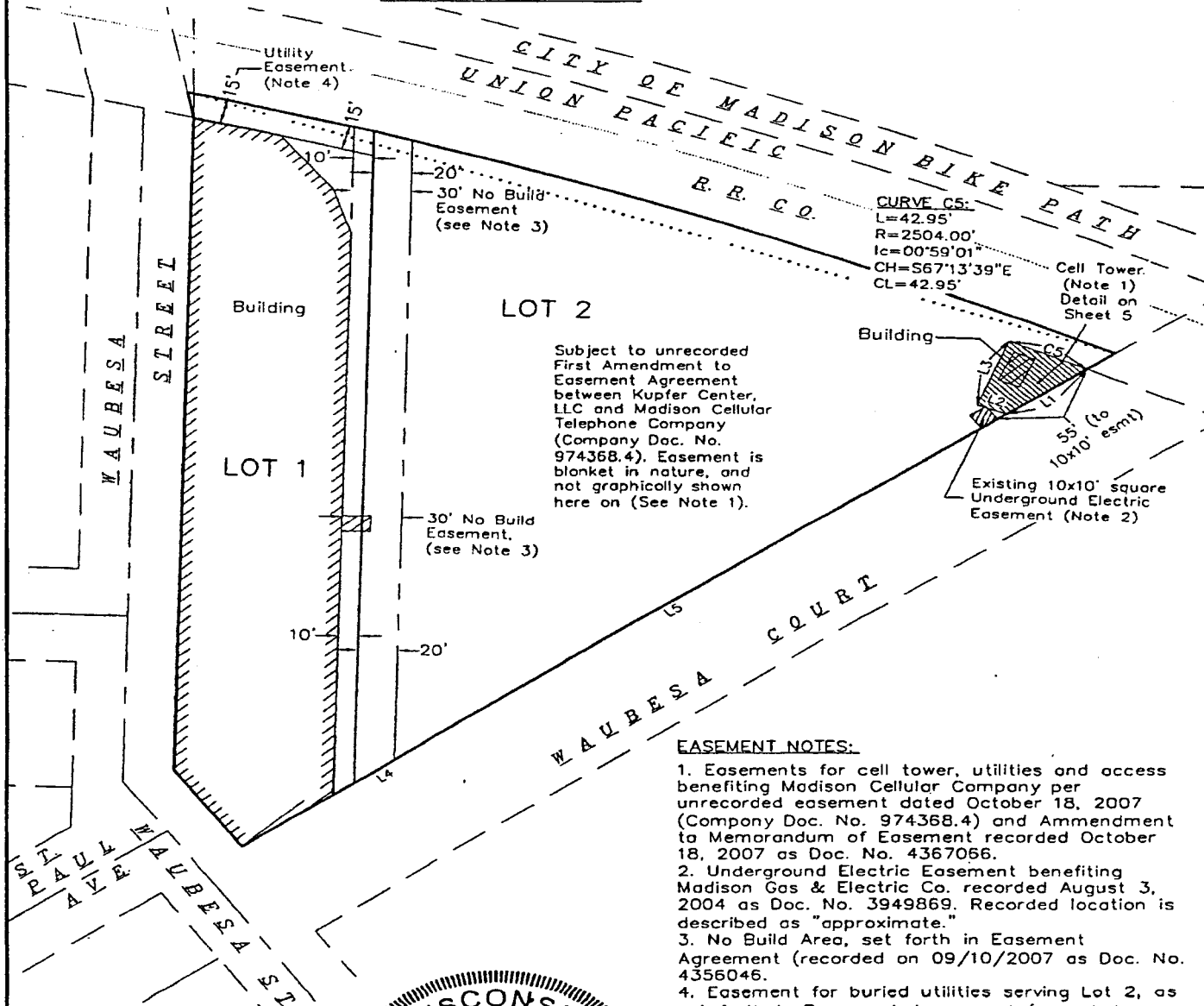
CERTIFIED SURVEY MAP No. 12316

BLOCKS 19 AND 20 AND OUTLOT 3, FAIR OAKS; AND OUTLOT D, CLYDE A. GALLAGHER'S SUBDIVISION OF PART OF OUTLOTS 106, 107, AND 108, FARWELL'S ADDITION TO MADISON; ALSO VACATED ST. PAUL AVENUE, VACATED OAKWOOD AVENUE AND VACATED EAST STREET; AND PART OF THE NORTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 05, TOWNSHIP 07 NORTH, RANGE 10 EAST, CITY OF MADISON, DANE COUNTY, WISCONSIN



SCALE : ONE INCH = EIGHTY FEET

EASEMENT DETAIL



GRID NORTH
WISCONSIN COUNTY
COORDINATE SYSTEM, DANE
ZONE, NAD83(91) DATUM
PER CITY OF MADISON

Subject to unrecorded First Amendment to Easement Agreement between Kupfer Center, LLC and Madison Cellular Telephone Company (Company Doc. No. 974368.4). Easement is blanket in nature, and not graphically shown here on (See Note 1).

EASEMENT NOTES:

1. Easements for cell tower, utilities and access benefiting Madison Cellular Company per unrecorded easement dated October 18, 2007 (Company Doc. No. 974368.4) and Amendment to Memorandum of Easement recorded October 18, 2007 as Doc. No. 4367056.
2. Underground Electric Easement benefiting Madison Gas & Electric Co. recorded August 3, 2004 as Doc. No. 3949869. Recorded location is described as "approximate."
3. No Build Area, set forth in Easement Agreement (recorded on 09/10/2007 as Doc. No. 4356046).
4. Easement for buried utilities serving Lot 2, as set forth in Easement Agreement (recorded on 09/10/2007 as Doc. No. 4356046).
5. See sheet 5 for additional easement details, dimensions and notes. Any utility Easements herein set forth are for the use of public bodies and private public utilities having the right to serve the area.



MAP NO. 12316

DOCUMENT NO. 4374069

VOLUME 76 PAGES 200-207

Date: October 5, 2007

Plot View: Sht4

\PROJECTS\BSE924\CSM\CSBSE924.DWG

SHEET 4 OF 8



Stock No. 26273

CERTIFIED SURVEY MAP No. 12316

BLOCKS 19 AND 20 AND OUTLOT 3, FAIR OAKS; AND OUTLOT D, CLYDE A. GALLAGHER'S SUBDIVISION OF PART OF OUTLOTS 106, 107, AND 108, FARWELL'S ADDITION TO MADISON; ALSO VACATED ST. PAUL AVENUE, VACATED OAKWOOD AVENUE AND VACATED EAST STREET; AND PART OF THE NORTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 05, TOWNSHIP 07 NORTH, RANGE 10 EAST, CITY OF MADISON, DANE COUNTY, WISCONSIN

ADDITIONAL NOTES:

1. Date of Survey: December 18, 2006
2. Oakwood Avenue was vacated by Vol. 25 Misc., Pg. 510, Doc. No. 297068, recorded Sept. 17, 1909. East Street was vacated by Vol. 25 Misc., Pg. 512, Doc. No. 297069, recorded Sept. 17, 1909. St. Paul Avenue was vacated by Vol. 25 Misc., Pg. 514, Doc. No. 297070, recorded Sept. 17, 1909.
3. Utility easements may exist within the vacated street area.
4. Arrows (see sheet 1) indicate the direction of surface drainage swale at individual property lines. Said drainage swale shall be graded with the construction of each principal structure and maintained by the lot owner unless modified with the approval of the City Engineer. Elevations given (see sheet 1) are for property corners at ground level and shall be maintained by the lot owner. Vertical datum is City of Madison Datum, the tap nut of the fire hydrant at the Southwest corner of La Follette Avenue and Waubesa Street having an elevation of 18.17 feet.
5. The public easements for drainage purposes normally required by the City of Madison between lots are not required for this Certified Survey Map due to a maintenance agreement between all lot owners which encompasses drainage issues (Easement Agreement recorded on 09/10/2007 as Document No. 4356046).

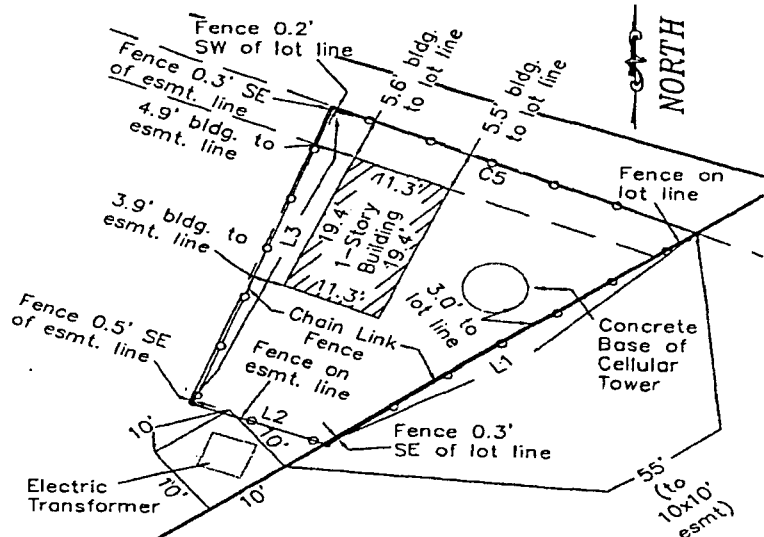
EASEMENT LINE TABLE

(see sheet 4)

No.	Bearing	Recorded As	Distance
L1	S53°54'55"W	(S52°13'24"W)	49.49'
L2	N68°28'57"W	(N70°10'28"W)	15.78'
L3	N20°44'04"E	(N19°02'33"E)	44.00'

CELLULAR TOWER AREA DETAIL (not to scale):

Also see easement detail on sheet 4.



MAP NO. 12316
DOCUMENT NO. 4374068
VOLUME 76 PAGES 200-207

Date: October 5, 2007

Plot View: Sht5

\PROJECTS\BSE924\CSM\CSBSE924.DWG

Burse

surveying & engineering ^{LLC}

1400 E. Washington Ave, Suite 158
Madison, WI 53703 608.250.9263

Fax: 608.250.9266

email: burse@chorus.net

www.bursesurveyengr.com SHEET 5 OF 8



Stock No. 26273

CERTIFIED SURVEY MAP No. 12316

BLOCKS 19 AND 20 AND OUTLOT 3, FAIR OAKS; AND OUTLOT D, CLYDE A. GALLAGHER'S SUBDIVISION OF PART OF OUTLOTS 106, 107, AND 108, FARWELL'S ADDITION TO MADISON; ALSO VACATED ST. PAUL AVENUE, VACATED OAKWOOD AVENUE AND VACATED EAST STREET; AND PART OF THE NORTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 05, TOWNSHIP 07 NORTH, RANGE 10 EAST, CITY OF MADISON, DANE COUNTY, WISCONSIN

LEGAL DESCRIPTION:

Blocks 19 and 20 and Outlot 3, Fair Oaks, recorded in Volume 2 of Plats, Page 37, as Document No. 243077, Dane County Registry; and Outlot D, Clyde A. Gallagher's Subdivision of Part of Outlots 106, 107 and 108, Farwell's Addition to Madison, recorded in Volume 2 of Plats, Page 12A, as Document No. 441152, Dane County Registry; also vacated St. Paul Avenue, vacated Oakwood Avenue and vacated East Street, vacated per Volume 25 of Miscellaneous, Pages 510-515, Document Nos. 297068-297070, Dane County Registry; and Part of the Northwest 1/4 of the Southwest 1/4 of Section 5, Township 7 North, Range 10 East, City of Madison, Dane County, Wisconsin, more particularly described as follows:

Commencing at a Meander Corner for the West 1/4 Corner of said Section 5, per Monument Record dated February 16, 2004 by Carl Sandsnes on file with the City of Madison Engineering Division; thence South 89 degrees 59 minutes 46 seconds East along a straight line between said Meander Corner and the East 1/4 Corner of said Section 5, 566.56 feet; thence South 00 degrees 00 minutes 14 seconds West, 195.43 feet to the intersection of the former southerly right-of-way of the Union Pacific Railroad and the easterly right-of-way of Waubesa Street, being the point of beginning; thence along said easterly right-of-way, North 10 degrees 47 minutes 30 seconds West, 16.53 feet to the current southerly right-of-way of the Union Pacific Railroad; thence along said southerly railroad right-of-way, 492.30 feet on the arc of a curve to the right through a central angle of 11 degrees 11 minutes 51 seconds having a radius of 2519.00 feet and a chord bearing South 70 degrees 27 minutes 15 seconds East, 491.52 feet, to the northwesterly right-of-way of Waubesa Court; thence South 53 degrees 54 minutes 55 seconds West along said northwesterly right-of-way, 539.84 feet to the easterly right-of-way of Waubesa Street; thence North 34 degrees 20 minutes 35 seconds West along said easterly right-of-way, 60.03 feet; thence North 01 degrees 22 minutes 49 seconds East along said Easterly right-of-way, 416.72 feet to the point of beginning; This description contains 120,224 square feet or 2.7600 acres, more or less. Bearings are based on the Wisconsin County Coordinate System, Dane Zone, NAD83(91) Datum, per City of Madison.

SURVEYOR'S CERTIFICATE:

I, Keith Watkins, Registered Land Surveyor No. 2680, hereby certify that I have surveyed, divided, and mapped the above described lands under the direction of Kupfer Center, LLC, owner of said land. I further certify that the maps and details on sheets one and two are a correct representation of the exterior boundaries of the lands surveyed, and that I have fully complied with the provisions of Chapter 236.34 of the State Statutes, and the Land Division Ordinance of the City of Madison in surveying, dividing, and mapping the same.

Dated this 5th day of October, 2007.

Signed: _____

Keith Watkins, RLS-2680

CITY OF MADISON COMMON COUNCIL APPROVAL

Resolved that this Certified Survey Map located in the City of Madison, 01079 hereby approved by Enactment No. RES-07-0000, File I.D. No. 0000, adopted on the 05th day of October, 2007, reapproved by Enactment No. Res-07-01079, File I.D. No: 07801, adopted on the 14th day of November, 2007, and that said Enactment further provided for the acceptance of those lands dedicated and rights conveyed by said Certified Survey Map to the City of Madison for public use.

Dated this 14th day of November, 2007.

Maribeth Witzel-Behl

Maribeth Witzel-Behl, City Clerk,
City of Madison, Dane County,
Wisconsin



MAP NO. 12316
DOCUMENT NO. 4374066
VOLUME 76 PAGES 200-207

Date: October 5, 2007

Plot View: Sht6

PROJECTS\BSE924\CSM\CSBSE924.DWG

CITY OF MADISON APPROVAL

Approved for recording per the Secretary of the City of Madison Plan Commission.

Dated this 12th day of NOVEMBER, 2007.

Mork Olinger

Mork Olinger,
Secretary Plan Commission.

Burse

surveying & engineering inc

1400 E. Washington Ave. Suite 158
Madison, WI 53703 608.250.9263

Fax: 608.250.9266

email: burse@chorus.net

www.bursesurveyengr.com SHEET 6 OF 8



Stock No. 26273

CERTIFIED SURVEY MAP No. 12316

BLOCKS 19 AND 20 AND OUTLOT 3, FAIR OAKS; AND OUTLOT D, CLYDE A. GALLAGHER'S
SUBDIVISION OF PART OF OUTLOTS 106, 107, AND 108, FARWELL'S ADDITION TO MADISON; ALSO
VACATED ST. PAUL AVENUE, VACATED OAKWOOD AVENUE AND VACATED EAST STREET; AND
PART OF THE NORTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 05, TOWNSHIP 07
NORTH, RANGE 10 EAST, CITY OF MADISON, DANE COUNTY, WISCONSIN

OWNER'S CERTIFICATE

Kupfer Center, LLC, a limited liability company duly organized and existing under and by virtue of the laws of the State of Wisconsin, as owner, does hereby certify that said limited liability company caused the land described on this Certified Survey Map to be surveyed, divided, mapped and dedicated as represented on this Certified Survey Map.

Kupfer Center, LLC does further certify that this Certified Survey Map is required by S.236.34, Wisconsin Statutes to be submitted to the following for approval or objection: City of Madison.

IN WITNESS WHEREOF, the said Kupfer Center, LLC has caused these presents to be signed by Salli F. Martyniak, its manager, on this 1st day of October, 2007.

KUPFER CENTER, LLC
By Forward Community Investments, Inc., Manager

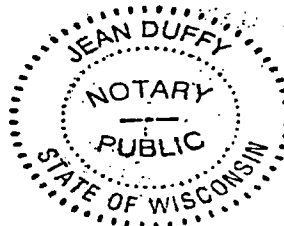
By: Salli F. Martyniak
Salli F. Martyniak, President

STATE OF WISCONSIN)
County of Dane)ss

Personally came before me this 1st day of OCT, 2007, Salli F. Martyniak, president of the above named Forward Community Investments, Inc., manager for Kupfer Center, LLC; to me known to be the person who executed the foregoing instrument, and to me known to be such president and manager, and acknowledged that she executed the foregoing instrument as such officer and the deed of said corporation, by its authority.

Notary Public: [Signature]

My Commission expires / is permanent: 2-27-2011



CORPORATE MORTGAGEE CERTIFICATE (1 OF 2)

USBCDE SUB-CDE II, LLC, a limited liability company duly organized and existing under and by virtue of the State of Delaware, mortgagee of the above described land, does hereby consent to the surveying, dividing, mapping and dedicating of the land described on this C.S.M., and does hereby consent to the above certificate of Kupfer Center, LLC, owner.

IN WITNESS WHEREOF, the said USBCDE SUB-CDE II, LLC, has caused these presents to be signed by Matthew Badler, its project manager, at St. Louis, Missouri, this 9th day of October, 2007.

USBCDE SUB-CDE II, LLC
By USBCDE LLC, Managing Member
By U.S. Bancorp Community Development Corporation, Managing Member

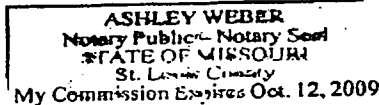
By: Matthew Badler
Matthew Badler, Project Manager

State of Missouri
County of St. Louis)ss

Personally came before me this 9 day of October, 2007, the above named Matthew Badler, to me known to be the person who executed the foregoing instrument and acknowledged the same.

Notary Public: Ashley Weber

My commission expires/is permanent: 10/12/2009



MAP NO. 12316
DOCUMENT NO. 4374068
VOLUME 76 PAGES 200-207

Date: October 5, 2007
Plot View: Sht7
PROJECTS\BSE924\CSM\CSBSE924.DWG

Burse

surveying & engineering

1400 E. Washington Ave, Suite 158
Madison, WI 53703 608.250.9263
Fax: 608.250.9266
email: burse@chorus.net
www.bursesurveyengr.com SHEET 7 OF 8



Stock No. 26273

CERTIFIED SURVEY MAP No. 12316

BLOCKS 19 AND 20 AND OUTLOT 3, FAIR OAKS; AND OUTLOT D, CLYDE A. GALLAGHER'S
SUBDIVISION OF PART OF OUTLOTS 106, 107, AND 108, FARWELL'S ADDITION TO MADISON; ALSO
VACATED ST. PAUL AVENUE, VACATED OAKWOOD AVENUE AND VACATED EAST STREET; AND
PART OF THE NORTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 05, TOWNSHIP 07
NORTH, RANGE 10 EAST, CITY OF MADISON, DANE COUNTY, WISCONSIN

CORPORATE MORTGAGEE CERTIFICATE (2 OF 2):

Irwin A. and Robert D. Goodman Community Center, Inc., a nonstock corporation duly organized and existing under and by virtue of the State of Wisconsin, mortgagee of the above described land, does hereby consent to the surveying, dividing, mapping and dedicating of the land described on this C.S.M., and does hereby consent to the above certificate of Kupfer Center, LLC, owner.

IN WITNESS WHEREOF, the said Irwin A. and Robert D. Goodman Community Center, Inc., has caused these presents to be signed by Michael A. Goodman, its president, at Madison, Wisconsin, this 18th day of October, 2007.

IRWIN A. AND ROBERT D. GOODMAN COMMUNITY CENTER, INC.

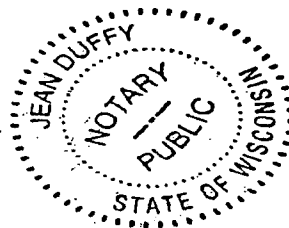
By: [Signature]
Michael A. Goodman, President

State of Wisconsin)
County of Dane)ss

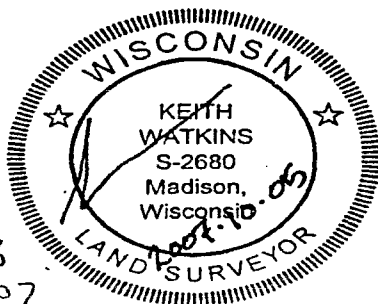
Personally came before me this 18 day of Oct, 2007,
he above named Michael A. Goodman, to me known to be the person
who executed the foregoing instrument and acknowledged the same.

Notary Public: [Signature]

My commission expires/is permanent: 2-27-2011



Office of the Register of Deeds
Dane County, Wisconsin
Received for Record
Nov. 14th, 2007 at
11:45 o'clock A.M. as
Document No. 4374068
in Certified Survey Maps
Vol 76 pgs 200-207
Kristi Chlebowski
Kristi Chlebowski
by Carolyn Schoeder
Register of Deeds deputy



MAP NO. 12316
DOCUMENT NO. 4374068
VOLUME 76 PAGES 200-207

Date: October 5, 2007

Plot View: Sht8

PROJECTS\BSE924\CSM\CSBSE924.DWG

Burse

surveying & engineering ^{INC}

1400 E. Washington Ave, Suite 158
Madison, WI 53703 608.250.9263

Fax: 608.250.9266

email: burse@chorus.net

www.bursesurveyengr.com SHEET 8 OF 8

September 26, 2008

To: Wisconsin Department of Natural Resources

Subject: Statement that All Legal Descriptions of Properties Within The
Contaminated Site Boundaries Have Been Included
Goodman Community Center
149 Waubesa Street, Madison, Wisconsin
BRRS # 02-13-262205
BT² Project #3320

To Whom it May Concern:

To the best of my knowledge, I believe that with the submittal of the attached information, the legal description for each property within, or partially within, the contaminated site boundary has been included with the closure request.

The contaminated site boundary includes all of parcels 251/0710-053-0501-8 (149 Waubesa Street), 251/0710-053-0506-8 (2 Waubesa Court), 251/0710-053-0504-2 (109 Waubesa Street/former Union Pacific Railroad right of way) and a portion of parcel 251/0710/053-0503-4 (176 South Fair Oaks Avenue). The parcels at 149 Waubesa Street and 2 Waubesa Court are lots 1 and 2, respectively of a subdivision of the original Kupfer Ironworks property plus the land acquired from the Union Pacific Railroad. Parcel 251/0710/053-0503-4 is owned by the City of Madison as "walkways and bike paths" and includes the portion of the bike path adjacent to the original Ironwork property.

The attached deed information includes the following documents:

- Certified Survey Map No. 12316, document #4374068, volume 76 pages 200 through 207; drawn October 5, 2007 and recorded November 14, 2007.
- Affidavit or Correction and Warranty Deed, document 4257383, recorded 11/28/2006. This is the original deed and an amended property description "Corrected Exhibit A" for the purchase of the Ironworks property by the Kupfer Center LLC.
- Quit Claim Deed, document 4327615, recorded June 27, 2007. This deed includes the transfer of a strip the Union Pacific Railroad right of way at the north side of the former Ironworks to the Kupfer Center, LLC.
- Warranty Deed, document 44344089, recorded on May 23, 2008, transferring ownership of lot 2 from Kupfer Center, LLC to the Goodman Community Center.
- A legal description from the City of Madison assessors web site for the city-owned property that includes the portion of the bike path adjacent to the former Ironworks property.

If you need additional information, please contact my environmental consultant, Mr. Eric Oelkers, of BT², Inc. at (608) 216-7341.

Sincerely,




Goodman Community Center



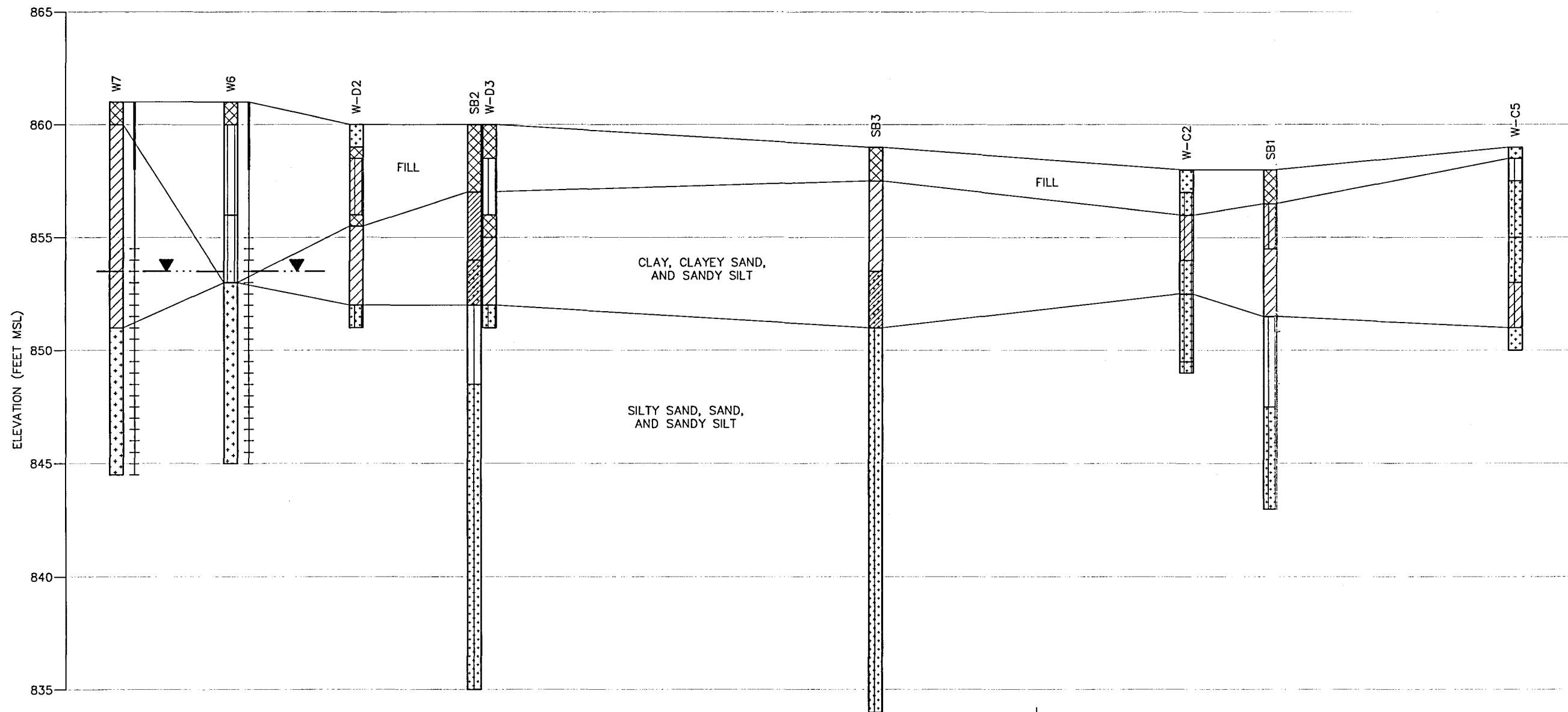
MADISON EAST QUADRANGLE
 WISCONSIN-DANE CO.
 7.5 MINUTE SERIES (TOPOGRAPHIC)
 SE/4 MADISON 15' QUADRANGLE
 1983
 SCALE: 1" = 2,000'



CLIENT GOODMAN COMMUNITY CENTER 149 WAUBESA STREET MADISON, WISCONSIN 53704 PHONE: (608) 241-1574	SITE GOODMAN COMMUNITY CENTER 149 WAUBESA STREET MADISON, WISCONSIN	SITE LOCATION MAP		
PROJECT NO. 3320	DRAWN BY: KP	ENGINEER 	2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830 FAX: (608) 224-2839	FIGURE A-2
DRAWN: 05/25/07	CHECKED BY: EN			
REVISED: 09/11/08	APPROVED BY:			

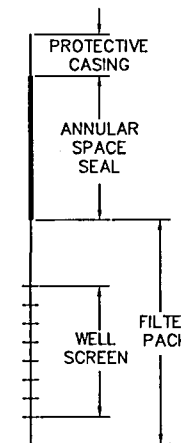
A
(WEST)

A'
(EAST)



LEGEND

	NON-GEOLOGIC MATERIAL (CINDERS, ETC.)		FAT CLAY (CH)
	SAND, WELL GRADED, LITTLE OR NO FINES (SW)		SILTY SAND (SM)
	SAND, POORLY GRADED, LITTLE OR NO FINES (SP)		SILTY, CLAYEY SAND (SC-SM)
	SILT (ML)		SILTY CLAY (CL-ML)
	LEAN CLAY (CL)		WATER LEVEL MEASURED ON 05/18/87

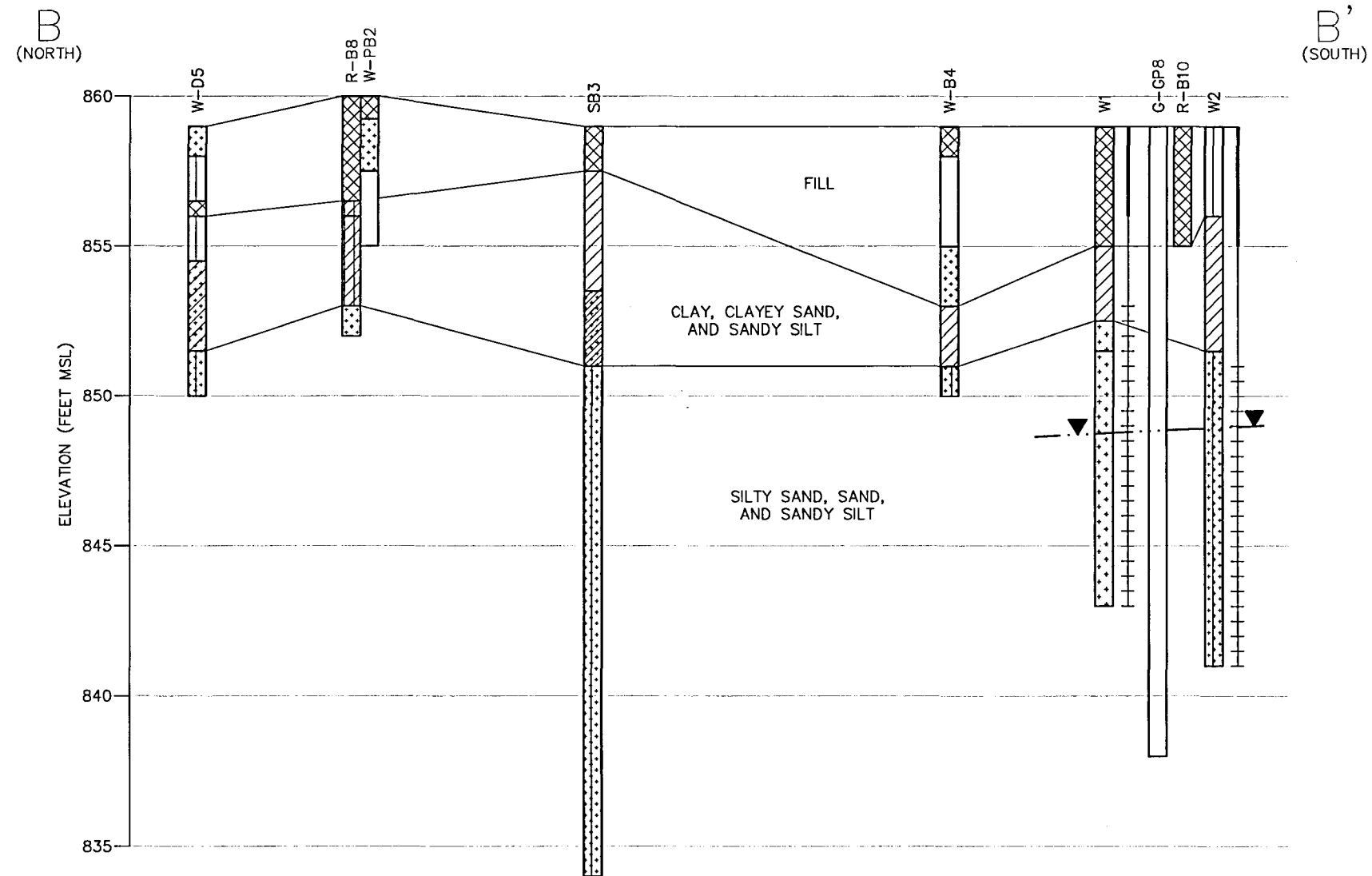


WELL DETAIL



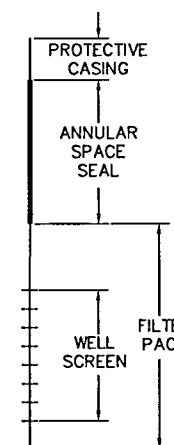
HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 5'
VERTICAL EXAGGERATION = 8X

PROJECT NO. 3320	DRAWN BY: KRG/KP		2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830 FAX: (608) 224-2839	CLIENT: GOODMAN COMMUNITY CENTER 149 WAUBESA STREET MADISON, WISCONSIN 53704 PHONE: (608) 241-1574	SITE: GOODMAN COMMUNITY CENTER 149 WAUBESA STREET MADISON, WISCONSIN	FIGURE C-3
DRAWN: 05/18/07	CHECKED BY: EO					
REVISED: 10/07/08	APPROVED BY:					



LEGEND

	NON-GEOLOGIC MATERIAL (CINDERS, ETC.)		FAT CLAY (CH)
	SAND, WELL GRADED, LITTLE OR NO FINES (SW)		SILTY SAND (SM)
	SAND, POORLY GRADED, LITTLE OR NO FINES (SP)		SILTY, CLAYEY SAND (SC-SM)
	SILT (ML)		SILTY CLAY (CL-ML)
	LEAN CLAY (CL)		WATER LEVEL MEASURED ON 10/31/86



WELL DETAIL



HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 5'
VERTICAL EXAGGERATION = 8X

PROJECT NO.	3320	DRAWN BY:	KRG/KP		2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830 FAX: (608) 224-2839	CLIENT	GOODMAN COMMUNITY CENTER 149 WAUBESA STREET MADISON, WISCONSIN 53704 PHONE: (608) 241-1574	SITE	GOODMAN COMMUNITY CENTER 149 WAUBESA STREET MADISON, WISCONSIN	PRE-REMEDIAL CROSS SECTION B-B'	FIGURE
DRAWN:	05/18/07	CHECKED BY:	EO								C-4
REVISED:	10/07/08	APPROVED BY:									

Figure E-3

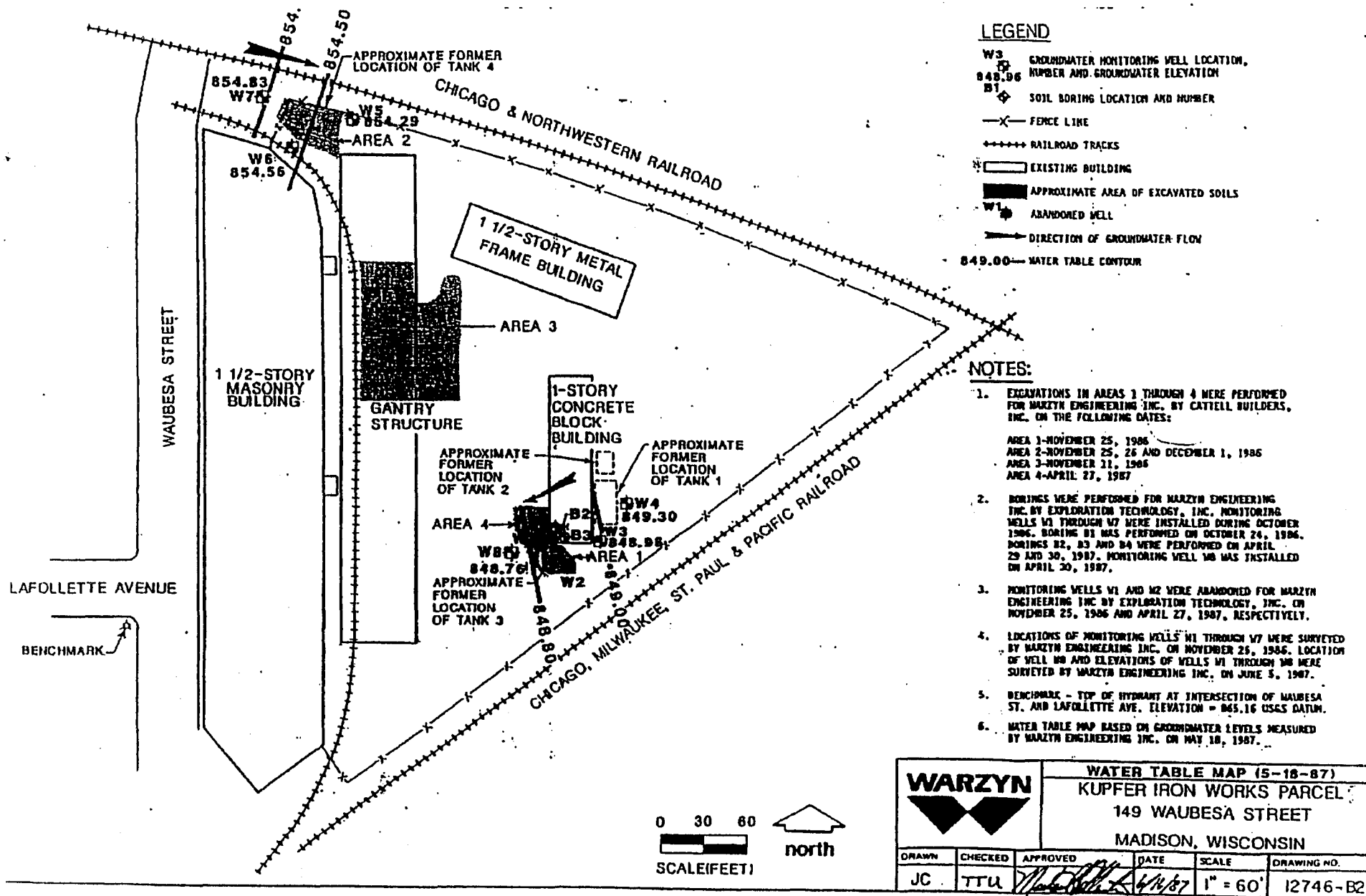


Table C-1A
Soil Analytical Results Summary - Metals
149 Waubesa / BT² Project #3320A
(Results are in mg/kg)

Sample	Date	Depth (feet)	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver	Zinc
B1 (Warzyn)	10/24/1986	0.5	<u>20.4</u>	4,000	3.13	1,180	<u>12,600</u>	0.111	<0.05	1.76	2,710
B1 (Warzyn)	10/24/1986	4	<u>15</u>	121	0.83	34.5	<19.8	0.052	<0.04	<0.80	43.6
B1 (Warzyn)	10/24/1986	6.5	<u>14.8</u>	192	0.56	41.5	<u>131</u>	0.049	<0.03	<0.50	61.1
B1 (REA)	11/17/2000	4	<u>4.8</u>	NA	<0.033	19	7.4	NA	NA	NA	NA
B1 (REA)	11/17/2000	8	<0.66	NA	<0.033	5.7	2.5	NA	NA	NA	NA
B2 (REA)	11/17/2000	4	<u>1.7</u>	NA	<0.043	20.5	5.9	NA	NA	NA	NA
B2 (REA)	11/17/2000	8	<u>2.2</u>	NA	<0.035	10.4	3.6	NA	NA	NA	NA
B3 (REA)	11/17/2000	4	<u>5.3</u>	NA	<0.041	20.4	9.6	NA	NA	NA	NA
B3 (REA)	11/17/2000	8	<0.63	NA	<0.032	16.5	5.5	NA	NA	NA	NA
B4 (REA)	11/17/2000	4	<u>3.7</u>	NA	<0.030	11.3	26.9	NA	NA	NA	NA
B4 (REA)	11/17/2000	8	<0.87	NA	<0.043	19.2	6.2	NA	NA	NA	NA
B5 (REA)	11/17/2000	4	<u>8.2</u>	NA	<0.037	21.7	12.6	NA	NA	NA	NA
B5 (REA)	11/17/2000	8	<0.082	NA	<0.041	15.7	4.6	NA	NA	NA	NA
B6 (REA)	11/17/2000	4	<u>4.4</u>	NA	<0.045	21	18.1	NA	NA	NA	NA
B6 (REA)	11/17/2000	8	<0.080	NA	<0.040	3	0.95	NA	NA	NA	NA
B7 (REA)	11/17/2000	4	<u>8.0</u>	NA	<0.052	21.4	19.2	NA	NA	NA	NA
B7 (REA)	11/17/2000	8	<u>2.3</u>	NA	<0.036	11.7	5.2	NA	NA	NA	NA
B8 (REA)	11/17/2000	4	<u>6.9</u>	NA	<0.032	46.8	<u>395</u>	NA	NA	NA	NA
B8 (REA)	11/17/2000	8	<u>5.4</u>	NA	<0.034	18	8.2	NA	NA	NA	NA
B9 (REA)	11/17/2000	4	<u>6.7</u>	NA	<0.033	14.8	<u>105</u>	NA	NA	NA	NA
B9 (REA)	11/17/2000	8	<u>4.5</u>	NA	<0.048	16.6	7.1	NA	NA	NA	NA

Table C-1A
Soil Analytical Results Summary - Metals
149 Waubesa / BT² Project #3320A
 (Results are in mg/kg)

Sample	Date	Depth (feet)	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver	Zinc
S0629.01 (WEA)	6/29/2005	surface	<u>18.4</u>	75.2	<u>11.9</u>	522	<u>76.5</u>	0.0019	<0.25	2.1	NA
0708A.01 (WEA)	7/8/2005	0 - 0.5	<u>9.9</u>	168	2.0	47.3	<u>705</u>	0.077	<0.35	<0.21	NA
0708A.02 (WEA)	7/8/2005	4.0 - 4.5	<u>4.5</u>	125	0.39	18.8	30.8	0.03	<0.44	0.45	NA
0708A.03 (WEA)	7/8/2005	8.0 - 8.5	<u>2.6</u>	97.3	0.47	12.1	7.8	0.032	<0.33	0.32	NA
0708B.01 (WEA)	7/8/2005	0 - 0.5	<u>9.0</u>	225	1.3	21.5	<u>327</u>	0.034	<0.30	<0.18	NA
0708B.02 (WEA)	7/8/2005	4.0 - 4.5	<u>4.5</u>	129	0.61	15.6	<u>51</u>	0.032	<0.46	0.84	NA
0708C.01 (WEA)	7/8/2005	0 - 0.5	<u>2.4</u>	84	1.0	52.6	<u>615</u>	0.024	<0.33	<0.20	NA
0708C.02 (WEA)	7/8/2005	4.0 - 4.5	<u>2.7</u>	103	0.4	19	<u>54.1</u>	0.02	<0.32	0.45	NA
0708D.01 (WEA)	7/8/2005	0 - 0.5	<u>5.8</u>	130	1.3	52.1	<u>3,410</u>	0.031	<0.42	<0.25	NA
0708D.02 (WEA)	7/8/2005	4.0 - 4.5	<u>3.5</u>	86.7	0.57	16	<u>95.4</u>	0.036	0.43	0.22	NA
0708PB.01 (WEA)	7/8/2005	0 - 0.5	<u>4.8</u>	16.4	0.86	28	<u>82.2</u>	0.0099	<0.30	<0.18	NA
0708PB.02 (WEA)	7/8/2005	4.0 - 4.5	<u>2.2</u>	122	0.84	60	<u>325</u>	0.022	<0.27	<0.16	NA
SB1 (BT ²)	3/19/2007	1-2.5	<u>6.9</u>	120	0.48	10	11	<0.012	<4.8	<0.13	NA
	3/19/2007	3.5-5	<u>5.7</u>	91	0.53	12	8.4	0.021	<5.0	<0.14	NA
HAB1 (BT ²)	7/6/2007	0.5-1.5	<u>5.4</u>	95	0.69	12	<u>320</u>	0.94	<0.51	<0.092	NA
HAB2 (BT ²)	7/6/2007	0.3-2.0	<u>4.7</u>	51	0.6	19	<u>110</u>	0.034 A	<1.0 C	<0.092	NA
HAB3 (BT ²)	7/6/2007	0.3-1.7	<u>7.8</u>	100	2.0	15	<u>430</u>	0.16	<0.53	0.14 Q	NA
NR 720 RCLs Non-Industrial			0.039	NE	8	(a)	50	NE	NE	NE	NE
NR 720 RCLs Industrial			1.6	NE	510	(a)	500	NE	NE	NE	NE

ABBREVIATIONS:

mg/kg = milligrams per kilogram or parts per million (ppm)
 REA = Resource Engineering Associates

-- = Not Applicable
 WEA = Williams Environmental Associates

NE = No Standard Established

Table C-1A
Soil Analytical Results Summary - Metals
149 Waubesa / BT² Project #3320A

NOTES:

(a) Chromium, hexavalent non-industrial = 14 mg/kg; industrial = 200 mg/kg. Chromium, trivalent non-industrial = 16,000 mg/kg; industrial = not applicable.

Bold+underlined values exceed NR 720 RCLs.

NR 720 RCLs Non-Industrial = NR 720 Table 2 Residual Contaminant Levels (RCLs) Based On Human Health Risk From Direct Contact Related To Land Use for Non-Industrial.

NR 720 RCLs Industrial = NR 720 RCLs Table 2 Based On Human Health Risk From Direct Contact Related To Land Use for Industrial.

LABORATORY NOTES/QUALIFIERS:

A = Analyte is detected in the method blank at a concentration of 0.0046 mg/kg.

C = Elevated detection limit due to matrix effect. The sample has high iron.

Q = The analyte has been detected between the limit of detection (LOD) and the limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.

Created by:	<u>EO</u>	Date:	<u>8/5/2008</u>
Last revision by:	<u>TLR</u>	Date:	<u>8/6/2008</u>
Checked by:	<u>EO</u>	Date:	<u>9/8/2008</u>

I:\3320\Tables-General\Soil_Metals1.xls\Notes

Table C-1B
Soil Analytical Results Summary - VOCs
149 Waubesa / BT² Project #3320A
(Results are in µg/kg, except where noted otherwise)

Sample	Date	Depth (feet)	Acetone	Benzene	Bromobenzene	Bromochloromethane	Bromodichloro-methane	Bromoform	Bromomethane	2-Butanone	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon Disulfide	Carbon Tetrachloride	Chlorobenzene	Chlorodibromo-methane	Chloroethane	2-Chloroethyl vinyl ether	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	Dibromochloromethane	1,2-Dibromo-3-chloropropane	Dibromomethane
B-1 (Warzyn)	10/24/86	6.5	NA	<10	NA	NA	<10	<20	NA	NA	NA	NA	NA	NA	<10	<10	<10	<10	<200	<10	<10	NA	NA	NA	NA	NA
B7 (REA)	11/17/00	4	NA	<140	<300	NA	<260	NA	NA	NA	13,000	4,200	2,400	NA	<460	<240	<240	<440	NA	<500	<400	<220	<180	<240	<340	NA
B7 (REA)	11/17/00	8	NA	<25	<25	NA	<25	NA	NA	NA	<25	<25	<25	NA	<25	<25	<25	<25	NA	<25	<25	<25	<25	<25	<25	NA
B9 (REA)	11/17/00	4	NA	<25	<25	NA	<25	NA	NA	NA	<25	<25	<25	NA	<25	<25	<25	<25	NA	<25	<25	<25	<25	<25	<25	NA
B10 (REA)	11/17/00	4	NA	<25	<25	NA	<25	NA	NA	NA	<25	<25	<25	NA	<25	<25	<25	<25	NA	<25	<25	<25	<25	<25	<25	NA
B13 (REA)	11/17/00	2	NA	<25	<25	NA	<25	NA	NA	NA	<25	<25	<25	NA	<25	<25	<25	<25	NA	<25	<25	<25	<25	<25	<25	NA
0708A.01 (WEA)	07/08/05	0 - 0.5	<350	<5.8	<15	<16	<16	<16	<25	<240	<9.2	<8.1	<9.2	<33	<10	<14	<6.9	<18	NA	<10	<13	<5.8	<12	<6.9	<16	<10
0708A.02 (WEA)	07/08/05	4.0 - 4.5	<370	<6.1	<16	<17	<17	<17	<27	<260	<9.7	<8.5	<9.7	<35	<11	<15	<7.3	<19	NA	<11	<13	<6.1	<12	<7.3	<17	<11
0708A.03 (WEA)	07/08/05	8.0 - 8.5	<360	<6.1	<16	<17	<17	<17	<27	<250	<9.7	<8.5	<9.7	<35	<11	<15	<7.3	<19	NA	<11	<13	<6.1	<12	<7.3	<17	<11
0708B.01 (WEA)	07/08/05	0 - 0.5	<330	<5.5	<14	<15	<15	<15	<24	<230	<8.8	<7.7	<8.8	<32	<9.9	<13	<6.6	<18	NA	<9.9	<12	<5.5	<11	<6.6	<15	<9.9
0708B.02 (WEA)	07/08/05	4.0 - 4.5	<360	<6.0	<16	<17	<17	<17	<27	<250	<9.7	<8.5	<9.7	<35	<11	<15	<7.3	<19	NA	<11	<13	<6.0	<12	<7.3	<17	<11
0708C.01 (WEA)	07/08/05	0 - 0.5	<320	<5.4	<14	<15	<15	<15	<24	<220	<8.6	<7.5	<8.6	<31	<9.6	<13	<6.4	<17	NA	<9.6	<12	<5.4	<11	<6.4	<15	<9.6
0708C.02 (WEA)	07/08/05	4.0 - 4.5	<330	<5.6	<14	<16	<16	<16	<24	<230	<8.9	<7.8	<8.9	<32	<10	<13	<6.7	<18	NA	<10	<12	<5.6	<11	<6.7	<16	<10
0708D.01 (WEA)	07/08/05	0 - 0.5	<360	<6.0	<15	<17	<17	<17	<26	<250	20	10	<9.5	<35	<11	<14	<7.2	<19	NA	<11	<13	<6.0	<12	<7.2	<17	<11
0708D.02 (WEA)	07/08/05	4.0 - 4.5	<350	<5.9	<15	<17	<17	<17	<26	<250	<9.4	<8.3	<9.4	<34	<11	<14	<7.1	<19	NA	<11	<13	<5.9	<12	<7.1	<17	<11
0708PB.01 (WEA)	07/08/05	0 - 0.5	<320	<5.3	<14	<15	<15	<15	<23	<220	<8.5	<7.5	<8.5	<31	<9.6	<13	<6.4	<17	NA	<9.6	<12	<5.3	<11	<6.4	<15	<9.6
0708PB.02 (WEA)	07/08/05	4.0 - 4.5	<320	<5.4	<14	<15	<15	<15	<24	<230	<8.6	<7.5	<8.6	<31	<9.7	<13	<6.4	<17	NA	<9.7	<12	<5.4	<11	<6.4	<15	<9.7
SB1 (BT ²)	03/19/07	1-2.5	NA	<30	<30	<42	<30	<30	<120	NA	<30	<30	<30	NA	<30	<30	<30	<59	NA	<30	<59	<59	<30	NA	<59	<30
	03/19/07	3.5-5	NA	<31	<31	<43	<31	<31	<120	NA	<31	<31	<31	NA	<31	<31	<31	<62	NA	<31	<62	<62	<31	NA	<62	<31
NR 720 Residual Contaminant Level (RCL)			NE	5.5	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
NR 746 Table 1			NE	8,500	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
NR 746 Table 2			NE	1,100	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE

ABBREVIATIONS:

µg/kg = micrograms per kilogram or parts per billion (ppb)
PID = Photo-Ionization Detector
NA = Not Analyzed
(Dup) = Duplicate

ppm = PID measured in ppm as isobutylene
GRO = Gasoline Range Organics
NE = Not Established

REA = Resource Engineering Associates
WEA = Williams Environmental Associates

NOTES:

NR 720 RCL - Wisconsin Administrative Code (WAC), Chapter NR 720 Residual Contaminant Level.
NR 746 Table 1 - WAC, Chapter NR 746.06(2)(b) Table 1 - Indicators of Residual Petroleum Product in Soil Pores.
NR 746 Table 2 - WAC, Chapter NR 746.06(2)(b) Table 2 - Protection of Human Health from Direct Contact with Contaminated Soil.
Bold+underlined values exceed NR 720 RCLs.

LABORATORY NOTES/QUALIFIERS:

LI = Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits.

Table C-1B
Soil Analytical Results Summary - VOCs
149 Waubesa / BT² Project #3320A
(Results are in µg/kg, except where noted otherwise)

Sample	Date	Depth (feet)	1,2-Dibromoethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoro- methane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethylene	cis-1,2-Dichloroethylene	trans-1,2- Dichloroethylene	1,2-Dichloropropane	1,3-Dichloropropane	1,1-Dichloropropene	cis-1,3-Dichloropropene	trans-1,3- Dichloropropene	2,2-Dichloropropane	Diisopropyl ether	Ethylbenzene	Hexachlorobutadiene	2-Hexanone	Isopropylbenzene	Isopropyl Ether	p-Isopropyltoluene
B-1 (Warzyn)	10/24/86	6.5	NA	<50	<50	<50	NA	<10	<10	<10	<10	<10	<10	NA	NA	NA	NA	NA	NA	<10	NA	NA	NA	NA	NA
B7 (REA)	11/17/00	4	<420	<240	<240	<240	<380	<420	<380	<300	<500	<380	<380	<440	NA	NA	NA	<420	<400	370	<400	NA	2,100	<400	4,400
B7 (REA)	11/17/00	8	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	NA	NA	NA	<25	<25	<25	<25	NA	<25	<25	<25
B9 (REA)	11/17/00	4	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	NA	NA	NA	<25	<25	<25	<25	NA	<25	<25	<25
B10 (REA)	11/17/00	4	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	NA	NA	NA	<25	<25	<25	<25	NA	<25	<25	<25
B13 (REA)	11/17/00	2	<25	<25	<25	<25	<25	<25	<25	<25	38	<25	<25	<25	NA	NA	NA	<25	<25	<25	<25	NA	<25	<25	<25
0708A.01 (WEA)	07/08/05	0 - 0.5	<15	<5.8	<13	<10	<15	<15	<9.2	<15	<13	<18	<8.1	<13	<15	<17	<10	<12	<9.2	12	<15	<220	<13	NA	<15
0708A.02 (WEA)	07/08/05	4.0 - 4.5	<16	<6.1	<13	<11	<16	<16	<9.7	<16	<13	<19	<8.5	<13	<16	<18	<11	<12	<9.7	<8.5	<16	<230	<13	NA	<16
0708A.03 (WEA)	07/08/05	8.0 - 8.5	<16	<6.1	<13	<11	<16	<16	<9.7	<16	<13	<19	<8.5	<13	<16	<18	<11	<12	<9.7	<8.5	<16	<230	<13	NA	<16
0708B.01 (WEA)	07/08/05	0 - 0.5	<14	<5.5	<12	<9.9	<14	<14	<8.8	<14	<12	<18	<7.7	<12	<14	<17	<9.9	<11	<8.8	16	<14	<210	<12	NA	<14
0708B.02 (WEA)	07/08/05	4.0 - 4.5	<16	<6.0	<13	<11	<16	<16	<9.7	<16	<13	<19	<8.5	<13	<16	<18	<11	<12	<9.7	<8.5	<16	<230	<13	NA	<16
0708C.01 (WEA)	07/08/05	0 - 0.5	<14	<5.4	<12	<9.6	<14	<14	<8.6	<14	<12	<17	<7.5	<12	<14	<16	<9.6	<11	<8.6	8.2	<14	<200	<12	NA	<14
0708C.02 (WEA)	07/08/05	4.0 - 4.5	<14	<5.6	<12	<10	<14	<14	<8.9	<14	<12	<18	<7.8	<12	<14	<17	<10	<11	<8.9	<7.8	<14	<210	<12	NA	<14
0708D.01 (WEA)	07/08/05	0 - 0.5	<15	<6.0	<13	<11	<15	<15	<9.5	<15	<13	<19	<8.3	<13	<15	<18	<11	<12	<9.5	28	<15	<230	<13	NA	<15
0708D.02 (WEA)	07/08/05	4.0 - 4.5	<15	<5.9	<13	<11	<15	<15	<9.4	<15	<13	<19	<8.3	<13	<15	<18	<11	<12	<9.4	<8.3	<15	<220	<13	NA	<15
0708PB.01 (WEA)	07/08/05	0 - 0.5	<14	<5.3	<12	<9.6	<14	<14	<8.5	<14	<12	<17	<7.5	<12	<14	<16	<9.6	<11	<8.5	<7.5	<14	<200	<12	NA	<14
0708PB.02 (WEA)	07/08/05	4.0 - 4.5	<14	<5.4	<12	<9.7	<14	<14	<8.6	<14	<12	<17	<7.5	<12	<14	<16	<9.7	<11	<8.6	16	<14	<200	<12	NA	<14
SBI (BT ²)	03/19/07	1-2.5	<30	<30	<30	<30	<59 LI	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	NA	<30	<42	NA	<30	<30	<30
	03/19/07	3.5-5	<31	<31	<31	<31	<62 LI	<31	<31	<31	<31	<31	<31	<31	<31	<31	<31	<31	NA	<31	<43	NA	<31	<31	<31
NR 720 Residual Contaminant Level (RCL)			NE	NE	NE	NE	NE	NE	4.9	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	2,900	NE	N	NE	NE	NE
NR 746 Table 1			NE	NE	NE	NE	NE	NE	600	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	4,600	NE	NE	NE	NE	NE
NR 746 Table 2			NE	NE	NE	NE	NE	NE	540	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE

ABBREVIATIONS:

µg/kg = micrograms per kilogram or parts per billion (ppb)
DRO = Diesel Range Organics
ND = Not Detected
-- = Not Applicable

mg/kg = milligrams per kilogram or parts per million (ppm)
GRO = Gasoline Range Organics
NE = Not Established

PID = Photo-Ionization Detector
NA = Not Analyzed
(Dup) = Duplicate

REA = Resource Engineering Associates
WEA = Williams Environmental Associates

NOTES:

NR 720 RCL - Wisconsin Administrative Code (WAC), Chapter NR 720 Residual Contaminant Level.
NR 746 Table 1 - WAC, Chapter NR 746.06(2)(b) Table 1 - Indicators of Residual Petroleum Product in Soil Pores.
NR 746 Table 2 - WAC, Chapter NR 746.06(2)(b) Table 2 - Protection of Human Health from Direct Contact with Contaminated Soil.
Bold-underline values exceed NR 720 RCLs.

LABORATORY NOTES/QUALIFIERS:

LI = Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits

Table C-1B
Soil Analytical Results Summary - VOCs
149 Waubesa / BT² Project #3320A
(Results are in µg/kg, except where noted otherwise)

Sample	Date	Depth (feet)	1,2-Dibromoethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethylene	cis-1,2-Dichloroethylene	trans-1,2-Dichloroethylene	1,2-Dichloropropane	1,3-Dichloropropane	1,1-Dichloropropene	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	2,2-Dichloropropane	Diisopropyl ether	Ethylbenzene	Hexachlorobutadiene	2-Hexanone	Isopropylbenzene	Isopropyl Ether	p-Isopropyltoluene
B-1 (Warzyn)	10/24/86	6.5	NA	<50	<50	<50	NA	<10	<10	<10	<10	<10	<10	NA	NA	NA	NA	NA	NA	<10	NA	NA	NA	NA	NA
B7 (REA)	11/17/00	4	<420	<240	<240	<240	<380	<420	<380	<300	<500	<380	<380	<440	NA	NA	NA	<420	<400	370	<400	NA	2,100	<400	4,400
B7 (REA)	11/17/00	8	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	NA	NA	NA	<25	<25	<25	<25	NA	<25	<25	<25
B9 (REA)	11/17/00	4	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	NA	NA	NA	<25	<25	<25	<25	NA	<25	<25	<25
B10 (REA)	11/17/00	4	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	NA	NA	NA	<25	<25	<25	<25	NA	<25	<25	<25
B13 (REA)	11/17/00	2	<25	<25	<25	<25	<25	<25	<25	<25	38	<25	<25	<25	NA	NA	NA	<25	<25	<25	<25	NA	<25	<25	<25
0708A.01 (WEA)	07/08/05	0 - 0.5	<15	<5.8	<13	<10	<15	<15	<9.2	<15	<13	<18	<8.1	<13	<15	<17	<10	<12	<9.2	12	<15	<220	<13	NA	<15
0708A.02 (WEA)	07/08/05	4.0 - 4.5	<16	<6.1	<13	<11	<16	<16	<9.7	<16	<13	<19	<8.5	<13	<16	<18	<11	<12	<9.7	<8.5	<16	<230	<13	NA	<16
0708A.03 (WEA)	07/08/05	8.0 - 8.5	<16	<6.1	<13	<11	<16	<16	<9.7	<16	<13	<19	<8.5	<13	<16	<18	<11	<12	<9.7	<8.5	<16	<230	<13	NA	<16
0708B.01 (WEA)	07/08/05	0 - 0.5	<14	<5.5	<12	<9.9	<14	<14	<8.8	<14	<12	<18	<7.7	<12	<14	<17	<9.9	<11	<8.8	16	<14	<210	<12	NA	<14
0708B.02 (WEA)	07/08/05	4.0 - 4.5	<16	<6.0	<13	<11	<16	<16	<9.7	<16	<13	<19	<8.5	<13	<16	<18	<11	<12	<9.7	<8.5	<16	<230	<13	NA	<16
0708C.01 (WEA)	07/08/05	0 - 0.5	<14	<5.4	<12	<9.6	<14	<14	<8.6	<14	<12	<17	<7.5	<12	<14	<16	<9.6	<11	<8.6	8.2	<14	<200	<12	NA	<14
0708C.02 (WEA)	07/08/05	4.0 - 4.5	<14	<5.6	<12	<10	<14	<14	<8.9	<14	<12	<18	<7.8	<12	<14	<17	<10	<11	<8.9	<7.8	<14	<210	<12	NA	<14
0708D.01 (WEA)	07/08/05	0 - 0.5	<15	<6.0	<13	<11	<15	<15	<9.5	<15	<13	<19	<8.3	<13	<15	<18	<11	<12	<9.5	28	<15	<230	<13	NA	<15
0708D.02 (WEA)	07/08/05	4.0 - 4.5	<15	<5.9	<13	<11	<15	<15	<9.4	<15	<13	<19	<8.3	<13	<15	<18	<11	<12	<9.4	<8.3	<15	<220	<13	NA	<15
0708PB.01 (WEA)	07/08/05	0 - 0.5	<14	<5.3	<12	<9.6	<14	<14	<8.5	<14	<12	<17	<7.5	<12	<14	<16	<9.6	<11	<8.5	<7.5	<14	<200	<12	NA	<14
0708PB.02 (WEA)	07/08/05	4.0 - 4.5	<14	<5.4	<12	<9.7	<14	<14	<8.6	<14	<12	<17	<7.5	<12	<14	<16	<9.7	<11	<8.6	16	<14	<200	<12	NA	<14
SB1 (BT ²)	03/19/07	1-2.5	<30	<30	<30	<30	<59 LI	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	NA	<30	<42	NA	<30	<30	<30
	03/19/07	3.5-5	<31	<31	<31	<31	<62 LI	<31	<31	<31	<31	<31	<31	<31	<31	<31	<31	<31	NA	<31	<43	NA	<31	<31	<31
NR 720 Residual Contaminant Level (RCL)			NE	NE	NE	NE	NE	NE	4.9	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	2,900	NE	N	NE	NE	NE
NR 746 Table 1			NE	NE	NE	NE	NE	NE	600	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	4,600	NE	NE	NE	NE	NE
NR 746 Table 2			NE	NE	NE	NE	NE	NE	540	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE

ABBREVIATIONS:

µg/kg = micrograms per kilogram or parts per billion (ppb)
DRO = Diesel Range Organics
ND = Not Detected
-- = Not Applicable

mg/kg = milligrams per kilogram or parts per million (ppm)
GRO = Gasoline Range Organics
NE = Not Established

PID = Photo-Ionization Detector
NA = Not Analyzed
(Dup) = Duplicate

REA = Resource Engineering Associates
WEA = Williams Environmental Associates

NOTES:

NR 720 RCL - Wisconsin Administrative Code (WAC), Chapter NR 720 Residual Contaminant Level.
NR 746 Table 1 - WAC, Chapter NR 746.06(2)(b) Table 1 - Indicators of Residual Petroleum Product in Soil Pores.
NR 746 Table 2 - WAC, Chapter NR 746.06(2)(b) Table 2 - Protection of Human Health from Direct Contact with Contaminated Soil.
Bold+underlined values exceed NR 720 RCLs.

LABORATORY NOTES/QUALIFIERS:

LI = Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits

Table C-1B
Soil Analytical Results Summary - VOCs
149 Waubesa / BT² Project #3320A
(Results are in µg/kg, except where noted otherwise)

Sample	Date	Depth (feet)	Methyl-tert-butyl ether	4-Methyl-2-pentanone	Methylene Chloride	Naphthalene	n-Propylbenzene	Styrene	Tetrachloroethylene	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	Tetrahydrofuran	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethylene	Trichlorofluoro-methane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl Chloride	Xylenes
B-1 (Warzyn)	10/24/86	6.5	NA	NA	<10	NA	NA	NA	<10	NA	NA	NA	<10	NA	NA	<10	NA	<10	NA	NA	NA	NA	<10	<10
B7 (REA)	11/17/00	4	<380	NA	<760	2,700	3,400	NA	<180	NA	<260	NA	<260	<480	<320	<400	<200	<440	<440	NA	14,000	5,200	<280	930
B7 (REA)	11/17/00	8	<0.028	NA	<0.038	<25	<25	NA	<25	NA	<25	NA	<25	<25	<25	<25	<25	<25	<25	NA	<25	<25	<25	<25
B9 (REA)	11/17/00	4	<0.028	NA	240 ^B	81	<25	NA	<25	NA	<25	NA	<25	<25	<25	<25	<25	<25	<25	NA	<25	<25	<25	<25
B10 (REA)	11/17/00	4	<0.028	NA	100 ^B	<25	<25	NA	<25	NA	<25	NA	<25	<25	<25	<25	<25	<25	<25	NA	<25	<25	<25	<25
B13 (REA)	11/17/00	2	<0.028	NA	230 ^B	<25	<25	NA	50	NA	<25	NA	<25	<25	<25	<25	<25	<25	<25	NA	<25	<25	<25	<25
0708A.01 (WEA)	07/08/05	0 - 0.5	<6.9	<140	<29	2,200	11	<9.2	<15	<14	<9.2	<180	<8.1	<15	<13	15	<14	<17	<12	<20	130	100	<13	145
0708A.02 (WEA)	07/08/05	4.0 - 4.5	<7.3	<150	<30	<15	<6.1	<9.7	<16	<15	<9.7	<190	<8.5	<16	<13	<11	<15	<18	<12	<21	<9.7	<9.7	<13	<38
0708A.03 (WEA)	07/08/05	8.0 - 8.5	<7.3	<150	<30	<15	<6.1	<9.7	<16	<15	<9.7	<190	<8.5	<16	<13	<11	<15	<18	<12	<21	<9.7	<9.7	<13	<38
0708B.01 (WEA)	07/08/05	0 - 0.5	<6.6	<130	<28	<13	<5.5	<8.8	<14	<13	<8.8	<180	9.2	<14	<12	<9.9	<13	<17	<11	<19	22	<8.8	<12	70
0708B.02 (WEA)	07/08/05	4.0 - 4.5	<7.3	<150	<30	<15	<6.0	<9.7	<16	<15	<9.7	<190	<8.5	<16	<13	<11	<15	<18	<12	<21	<9.7	<9.7	<13	<38
0708C.01 (WEA)	07/08/05	0 - 0.5	<6.4	<130	<27	180	5.6	<8.6	<14	<13	<8.6	<170	23	<14	<12	<9.6	<13	<16	<11	<18	24	<8.6	<12	71
0708C.02 (WEA)	07/08/05	4.0 - 4.5	<6.7	<130	<28	44	<5.6	<8.9	<14	<13	<8.9	<180	<7.8	<14	<12	<10	<13	<17	<11	<19	<8.9	<8.9	<12	<34
0708D.01 (WEA)	07/08/05	0 - 0.5	<7.2	<140	<30	220	21	<9.5	<15	<14	<9.5	<190	23	<15	<13	<11	<14	<18	<12	<20	46	26	<13	140
0708D.02 (WEA)	07/08/05	4.0 - 4.5	<7.1	<140	<29	84	<5.9	<9.4	<15	<14	<9.4	<190	9.6	<15	<13	<11	<14	<18	<12	<20	10	<9.4	<13	<36
0708PB.01 (WEA)	07/08/05	0 - 0.5	<6.4	<130	<27	540	<5.3	<8.5	<14	<13	<8.5	<170	11	<14	<12	<9.6	<13	<16	<11	<18	<8.5	<8.5	<12	<33
0708PB.02 (WEA)	07/08/05	4.0 - 4.5	<6.4	<130	<27	<13	13	<8.6	<14	<13	<8.6	<170	13	<14	<12	<9.7	<13	<16	<11	<18	33	22	<12	72
SB1 (BT ²)	03/19/07	1-2.5	<30	NA	<59	<59	<30	<30	<30	<30	<30	NA	<30	<30	<30	<30	<42	<30	<30	<59	<30	<30	<42	<100
	03/19/07	3.5-5	<31	NA	<62	<62	<31	<31	<31	<31	<31	NA	<31	<31	<31	<31	<43	<31	<31	<62	<31	<31	<43	<110
NR 720 Residual Contaminant Level (RCL)			NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	1,500	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	4,100
NR 746 Table 1			NE	NE	NE	2,700	NE	NE	NE	NE	NE	NE	38,000	NE	NE	NE	NE	NE	NE	NE	83,000	11,000	NE	42,000
NR 746 Table 2			NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE

ABBREVIATIONS:

µg/kg = micrograms per kilogram or parts per billion (ppb)
DRO = Diesel Range Organics
ND = Not Detected
-- = Not Applicable

mg/kg = milligrams per kilogram or parts per million (ppm)
GRO = Gasoline Range Organics
NE = Not Established

PID = Photo-Ionization Detector
NA = Not Analyzed
(Dup) = Duplicate

REA = Resource Engineering Associates
WEA = Williams Environmental Associates

NOTES:

NR 720 RCL - Wisconsin Administrative Code (WAC), Chapter NR 720 Residual Contaminant Level.
NR 746 Table 1 - WAC, Chapter NR 746.06(2)(b) Table 1 - Indicators of Residual Petroleum Product in Soil Pores.
NR 746 Table 2 - WAC, Chapter NR 746.06(2)(b) Table 2 - Protection of Human Health from Direct Contact with Contaminated Soil.
Bold+underlined values exceed NR 720 RCLs.

LABORATORY NOTES/QUALIFIERS

L1 = Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits

Created by: EO Date: 08/05/08
Last revision by: TLR Date: 08/06/08
Checked by: EO Date: 09/08/08

I:\3320\Tables-General\Soil_VOCs_Full_List_WH.xls\Soil VOCs

Table C-1C
Soil Analytical Results Summary - PAHs
Atwood Community Center / BT² Project #3320
(Results are in µg/kg, except where noted otherwise)

Sample	Date	Depth (feet)	Lab Notes	Acenaph-thene	Acenaph-thylene	Anthracene	Benzo(a) anthracene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(a) pyrene	Benzo(ghi) perylene	Chrysene	Dibenzo(a,h) anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd) pyrene	1-Methyl-naphthalene	2-Methyl-naphthalene	Naphthalene	Phenanthrene	Pyrene
0708A.01 (WEA)	7/8/2005	0 - 0.5	(1)	55,000	<5,800	8,800 P	24,000	31,000	12,000	28,000	27,000	37,000 P	<3,500	88,000 P	8,700 P	16,000	<6,900	<6,900	<13,000	50,000	88,000
0708A.02 (WEA)	7/8/2005	4.0 - 4.5	(1)	<120	<120	<24	370	620	230	540	530	430 P	<73	840 P	<49	320	<150	<150	<270	<24	680
0708A.03 (WEA)	7/8/2005	8.0 - 8.5	(1)	<6.1	<6.1	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<3.6	3.5 P	<2.4	<1.2	<7.3	<7.3	16	<1.2	<2.4
0708B.01 (WEA)	7/8/2005	0 - 0.5	(1)	3,900 P	<1,100	900 P	2,500	2,700	1,300	3,500	2,600	3,600 P	1,800 P	12,000	920 P	2,200	<1,300	<1,300	<2,400	9,000	11,000 P
0708B.02 (WEA)	7/8/2005	4.0 - 4.5	(1)	<61	<61	<12	43	170	72	160	140	24 P	<37	320 P	<24	130	<73	<73	<130	100	170
0708C.01 (WEA)	7/8/2005	0 - 0.5	(1)	7,400	<540	<110	2,000	3,300	1,300	3,900	3,600	2,800 P	<320	7,600 P	670 P	<110	<640	<640	<1,200	3,900	6,100
0708C.02 (WEA)	7/8/2005	4.0 - 4.5	--	2,500 P	<560	<110	1,600	2,600	<110	3,200	<110	2,100 P	<330	<110	<220	<110	<670	<670	<1,200	1,700	3,900
0708D.01 (WEA)	7/8/2005	0 - 0.5	(1)	<300	<300	<60	530	730	270	830	1,100	790 P	610 P	2,200 P	<120	<60	<360	<360	<660	1,300	2,100
0708D.02 (WEA)	7/8/2005	4.0 - 4.5	(1)	<300	<300	<60	390	520	230	650	760	500 P	390 P	1,600 P	<120	<60	<360	<360	<660	780	1,400
0708PB.01 (WEA)	7/8/2005	0 - 0.5	(1)	<110	<110	<22	42	84	<22	110	430	<22	76	470 P	<43	<22	<130	<130	<240	350	260 P
0708PB.02 (WEA)	7/8/2005	4.0 - 4.5	(1)	<110	<110	<21	340 P	430	<21	300	<21	<21	<64	420 P	<43	<21	<130	<130	<240	270 P	1,100 P
SB1 (BT ²)	3/19/2007	1-2.5	--	<59	<100	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<8.9	<12	<12	<5.9	<36	<30	<36	<5.9	<5.9
	3/19/2007	3.5-5	--	<62	<110	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<9.3	<12	<12	<6.2	<37	<31	<37	<6.2	<6.2
HAB1 (BT2)	7/6/2007	0.5-1.5	--	10 Q	7.7 Q	39	56	57	51	55	49	71	13	150	6.4 Q	27	60	72	30	190	110
HAB2 (BT2)	7/6/2007	0.3-2.0	--	6.5 Q	10 Q	51	84	83	67	81	66	110	27	160	6.8 Q	35	140	220	93	300	220
HAB3 (BT ²)	7/6/2007	0.3-1.7	--	1,300	570 Q	4,900	13,000	12,000	13,000	12,000	5,400	14,000	2,200	38,000	1,400	5,200	360 Q	300 Q	630 Q	22,000	23,000
WDNR PAH Soil Generic Residual Contaminant Levels (RCLs) (Interim Guidance - April 1997)																					
Groundwater Pathway				38,000	700	3,000,000	17,000	360,000	870,000	48,000	6,800,000	37,000	38,000	500,000	100,000	680,000	23,000	20,000	400	1,800	8,700,000
Non-Industrial Direct Contact				900,000	18,000	5,000,000	88	88	880	8.8	1,800	8,800	8.8	600,000	600,000	88	1,100,000	600,000	20,000	18,000	500,000
Industrial Direct Contact				60,000,000	360,000	300,000,000	3,900	3,900	39,000	390	39,000	390,000	390	40,000,000	40,000,000	3,900	70,000,000	40,000,000	110,000	390,000	30,000,000

ABBREVIATIONS:

µg/kg = micrograms per kilogram or parts per billion (ppb)
PAHs = Polynuclear Aromatic Hydrocarbons
REA = Resource Engineering Associates

-- = Not Applicable
WDNR = Wisconsin Department of Natural Resources
WEA = Williams Environmental Associates

NOTES:

Bold results exceed generic RCLs for non-industrial direct contact.

LABORATORY NOTES/QUALIFIERS:

P = Concentration of analyte differs more than 40% between primary and confirmation analysis.

Q = The analyte has been detected between the limit of detection (LOD) and the limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.

(1) All Analytes - Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference.

Created by: LMH Date: 4/6/2007
Last revision by: TLR Date: 8/6/2008
Checked by: EO Date: 9/8/2008

I:\3320\Tables-General\Soil_PAHs.xls\Soil PAHs

Table E-1A
Groundwater Analytical Results Summary - VOCs
Goodman Community Center / BT² Project #3320
(Results are in µg/l)

Sample	Date	DRO (mg/l)	GRO	Benzene	Bromobenzene	Bromodichloro- methane	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon Tetrachloride	Chlorobenzene	Chloroethane	2-Chloroethyl vinyl ether	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	Dibromochloro- methane	1,2-Dibromo-3- Chloropropane (DBCP)
Warzyn Monitoring Wells																			
W-1 Dup	10/31/86	NA	NA	<u>369</u>	NA	<1.0	NA	NA	NA	<1.0	28	<1.0	146	<1.0	<1.0	NA	NA	<1.0	NA
	03/25/87	NA	NA	<u>1220</u>	NA	<200	NA	NA	NA	<200	<200	<200	<4,000	<200	<200	NA	NA	NA	NA
	10/31/86	NA	NA	<u>379</u>	NA	<1.0	NA	NA	NA	<1.0	23	<1.0	190	<1.0	<1.0	NA	NA	<1.0	NA
W-2	10/31/86	NA	NA	<1.0	NA	<1.0	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	<1.0	NA
W-3	10/31/86	NA	NA	<1.0	NA	<1.0	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	<1.0	NA
	03/25/87	NA	NA	<u>3.4</u>	NA	<1.0	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA
	05/15/87	NA	NA	<u>1.93</u>	NA	<1.0	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA
W-4	10/31/86	NA	NA	<1.0	NA	<1.0	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA
W-5	10/31/86	NA	NA	<1.0	NA	<1.0	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA
	11/21/86	5.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/25/87	3.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/15/87	1.77	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
W-6	10/31/86	NA	NA	<1.0	NA	<1.0	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA
	11/21/86	0.036 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
W-7	10/31/86	NA	NA	<1.0	NA	<1.0	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA
	11/21/86	0.018 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
W-8	05/18/87	NA	NA	<1.0	NA	<1.0	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA
Gannett Fleming Geoprobe Borings																			
GP-1	04/28/01	NA	NA	<0.21	<0.21	<0.24	<0.13	<0.21	<0.20	<0.24	<0.19	<0.42	NA	<0.23	<0.63	<0.28	<0.28	<0.22	<0.62
GP-2	04/28/01	NA	NA	0.22 J	<0.21	<0.24	<0.13	<0.21	<0.20	<0.24	<0.19	<0.42	NA	<0.23	<0.63	<0.28	<0.28	<0.22	<0.62
GP-3	04/28/01	NA	NA	0.35 J	<0.21	<0.24	0.31 J	0.75	<0.20	<0.24	<0.19	<0.42	NA	<0.23	<0.63	<0.28	<0.28	<0.22	<0.62
GP-4	04/28/01	NA	NA	<0.21	<0.21	<0.24	<0.13	<0.21	<0.20	<0.24	<0.19	<0.42	NA	<0.23	<0.63	<0.28	<0.28	<0.22	<0.62
GP-5	04/28/01	NA	NA	<0.21	<0.21	<0.24	<0.13	0.63 J	<0.20	<0.24	<0.19	<0.42	NA	<0.23	<0.63	<0.28	<0.28	<0.22	<0.62

Table E-1A
Groundwater Analytical Results Summary - VOCs
Goodman Community Center / BT² Project #3320
(Results are in µg/l)

Sample	Date	DRO (mg/l)	GRO	Benzene	Bromobenzene	Bromodichloro- methane	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon Tetrachloride	Chlorobenzene	Chloroethane	2-Chloroethyl vinyl ether	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	Dibromochloro- methane	1,2-Dibromo-3- Chloropropane (DBCP)
GP-6	04/28/01	NA	NA	<0.21	<0.21	<0.24	<0.13	<0.21	<0.20	<0.24	<0.19	<0.42	NA	<0.23	<0.63	<0.28	<0.28	<0.22	<0.62
GP-7	04/28/01	NA	NA	<0.21	<0.21	<0.24	<0.13	<0.21	<0.20	<0.24	<0.19	<0.42	NA	<0.23	<0.63	<0.28	<0.28	<0.22	<0.62
GP-8	04/28/01	NA	NA	0.26 J	<0.21	<0.24	<0.13	<0.21	<0.20	<0.24	<0.19	<0.42	NA	<0.23	<0.63	<0.28	<0.28	<0.22	<0.62
Rinsate Blank	10/31/86	NA	NA	<1.0	NA	<1.0	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA
Field Blank	10/31/86	NA	NA	<1.0	NA	<1.0	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA
Trip Blank	10/31/86	NA	NA	<1.0	NA	<1.0	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA
	03/25/87	NA	NA	<1.0	NA	<1.0	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA
	05/15/87	NA	NA	<1.0	NA	<1.0	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA
	04/28/01	NA	NA	<0.21	<0.21	<0.24	<0.13	<0.21	<0.20	<0.24	<0.19	<0.42	NA	<0.23	<0.63	<0.28	<0.28	<0.22	<0.62
NR 140 Enforcement Standards		NE	NE	5	NE	0.6	NE	NE	NE	5	NE	400		6	3	NE	NE	60	0.2
NR 140 Preventive Action Limits		NE	NE	0.5	NE	0.06	NE	NE	NE	0.5	NE	80		0.6	0.3	NE	NE	6	0.02

ABBREVIATIONS:

µg/l = micrograms per liter or parts per billion (ppb)
TMBs = 1,2,4- and 1,3,5-trimethylbenzenes
VOCs = Volatile Organic Compounds
ND = Not Detected

DRO = Diesel Range Organics
MTBE = Methyl-tert-butyl ether
NA = Not Analyzed
(Dup) = Duplicate

GRO = Gasoline Range Organics
PVOCs = Petroleum Volatile Organic Compounds
NE = No Standard Established
-- = Not Applicable

NOTES:

NR 140 Enforcement Standards - Wisconsin Administrative Code (WAC), Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards.

NR 140 Preventive Action Limits - WAC, Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards.

Bold+underlined values meet or exceed NR 140 enforcement standards.

Italic+underlined values meet or exceed NR 140 preventive action limits.

I:\3320\Tables-General\GW_VOCs_Full_List1.xls\GW VOCs

Table E-1A
Groundwater Analytical Results Summary - VOCs
Goodman Community Center / BT² Project #3320
(Results are in µg/l)

Sample	Date	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoro- methane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethylene	cis-1,2- Dichloroethylene	trans-1,2- Dichloroethylene	1,2-Dichloropropane	1,3-Dichloropropane	2,2-Dichloropropane	Ethylbenzene	Hexachlorobutadiene	Isopropylbenzene	Isopropyl Ether
Warzyn Monitorin Wells																		
W-1	10/31/86	NA	<5.0	<5.0	<5.0	NA	<1.0	<u>2.4</u>	<1.0 J	<1.0	<1.0	<1.0	<1.0	NA	88	NA	NA	NA
	03/25/87	NA	<1,000	<1,000	<1,000	NA	<200	<200	<200	<200	<200	<200	<200	NA	<u>2,090</u>	NA	NA	NA
	10/31/86	NA	<5.0	<5.0	<5.0	NA	<1.0	<u>1.5</u>	<1.0	<1.0	<1.0	<1.0	<1.0	NA	69	NA	NA	NA
W-2	10/31/86	NA	<5.0	<5.0	<5.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA
W-3	10/31/86	NA	<5.0	<5.0	<5.0	NA	<1.0	<u>1.5</u>	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA
	03/25/87	NA	<5.0	<5.0	<5.0	NA	<1.0	<1.0 J	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA
	05/15/87	NA	<5.0	<5.0	<5.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA
W-4	10/31/86	NA	<5.0	<5.0	<5.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA
W-5	10/31/86	NA	<5.0	<5.0	<5.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA
	11/21/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/25/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/15/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
W-6	10/31/86	NA	<5.0	<5.0	<5.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA
	11/21/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
W-7	10/31/86	NA	<5.0	<5.0	<5.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA
	11/21/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
W-8	05/18/87	NA	<5.0	<5.0	<5.0	NA	<1.0	<1.0 J	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA
Gannett Fleming Geoprobe Borings																		
GP-1	04/28/01	<0.1	<0.19	<0.2	<0.2	<0.39	<0.24	<0.23	<0.27	<0.21	<0.25	<0.24	NA	<0.34	<0.22	<0.21	<0.19	<0.2
GP-2	04/28/01	<0.1	<0.19	<0.2	<0.2	<0.39	<0.24	<0.23	<0.27	<0.21	<0.25	<0.24	NA	<0.34	<0.22	<0.21	<0.19	<0.2
GP-3	04/28/01	<0.1	<0.2	<0.2	<0.2	<0.39	<0.24	<0.23	<0.27	<0.21	<0.25	<0.24	NA	<0.34	<0.22	<0.21	<0.19	<0.2
GP-4	04/28/01	<0.1	<0.2	<0.2	<0.2	<0.39	<0.24	<0.23	<0.27	<0.21	<0.25	<0.24	NA	<0.34	<0.22	<0.21	<0.19	<0.2
GP-5	04/28/01	<0.1	<0.2	<0.2	<0.2	<0.39	<0.24	<0.23	<0.27	<0.21	<0.25	<0.24	NA	<0.34	<0.22	<0.21	<0.19	<0.2

Table E-1A
Groundwater Analytical Results Summary - VOCs
Goodman Community Center / BT² Project #3320
(Results are in µg/l)

Sample	Date	1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoro- methane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethylene	cis-1,2- Dichloroethylene	trans-1,2- Dichloroethylene	1,2-Dichloropropane	1,3-Dichloropropane	2,2-Dichloropropane	Ethylbenzene	Hexachlorobutadiene	Isopropylbenzene	Isopropyl Ether
GP-6	04/28/01	<0.1	<0.2	<0.2	<0.2	<0.39	<0.24	<0.23	<0.27	<0.21	<0.25	<0.24	NA	<0.34	<0.22	<0.21	<0.19	<0.2
GP-7	04/28/01	<0.1	<0.2	<0.2	<0.2	<0.39	<0.24	<0.23	<0.27	<0.21	<0.25	<0.24	NA	<0.34	<0.22	<0.21	<0.19	<0.2
GP-8	04/28/01	<0.1	<0.2	<0.2	<0.2	<0.39	<0.24	<0.23	<0.27	<0.21	<0.25	<0.24	NA	<0.34	<0.22	<0.21	<0.19	<0.2
Rinsate Blank	10/31/86	NA	<5.0	<5.0	<5.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA
Field Blank	10/31/86	NA	<5.0	<5.0	<5.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA
Trip Blank	10/31/86	NA	<5.0	<5.0	<5.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA
	03/25/87	NA	<5.0	<5.0	<5.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA
	05/15/87	NA	<5.0	<5.0	<5.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA
	04/28/01	<0.1	<0.2	<0.2	<0.2	<0.39	<0.24	<0.23	<0.27	<0.21	<0.25	<0.24	NA	<0.34	<0.22	<0.21	<0.19	<0.2
NR 140 Enforcement Standards		0.05	600	1,250	75	1,000	850	5	7	70	100	5	NE	NE	700	NE	NE	NE
NR 140 Preventive Action Limits		0.005	60	125	15	200	85	0.5	0.7	7	20	0.5	NE	NE	140	NE	NE	NE

ABBREVIATIONS:

µg/l = micrograms per liter or parts per billion (ppb)
TMBs = 1,2,4- and 1,3,5-trimethylbenzenes
VOCs = Volatile Organic Compounds
ND = Not Detected

DRO = Diesel Range Organics
MTBE = Methyl-tert-butyl ether
NA = Not Analyzed
(Dup) = Duplicate

GRO = Gasoline Range Organics
PVOCs = Petroleum Volatile Organic Compounds
NE = No Standard Established
-- = Not Applicable

NOTES:

NR 140 Enforcement Standards - Wisconsin Administrative Code (WAC), Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards.

NR 140 Preventive Action Limits - WAC, Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards.

Bold+underlined values meet or exceed NR 140 enforcement standards.

Italic+underlined values meet or exceed NR 140 preventive action limits.

I:\3320\Tables-General\GW_VOCs_Full_List1.xls\GW VOCs

Table E-1A
Groundwater Analytical Results Summary - VOCs
Goodman Community Center / BT² Project #3320
(Results are in µg/l)

Sample	Date	p-Isopropyltoluene	MTBE	Methylene Chloride	Naphthalene	n-Propylbenzene	Tetrachloroethylene (PCE)	1,1,2,2-Tetrachloroethane	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethylene (TCE)	Trichlorofluoromethane	TMBs	Vinyl Chloride	Xylenes
Warzyn Monitorin Wells																		
W-1	10/31/86	NA	NA	<20	NA	NA	<1.0 J	<1.0	<u>1,340</u>	NA	NA	<1.0 J	<1.0	<1.0	NA	NA	<1.0	<u>2,890</u>
	03/25/87	NA	NA	<4,000	NA	NA	<200	<200	<u>8,430</u>	NA	NA	NA	<200	<200	NA	NA	<200	<u>7,820</u>
Dup	10/31/86	NA	NA	<20	NA	NA	<1.0	<1.0	<u>1,240</u>	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<u>3,070</u>
W-2	10/31/86	NA	NA	<20	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0
W-3	10/31/86	NA	NA	<20	NA	NA	<1.0 J	<1.0	<1.0	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0
	03/25/87	NA	NA	<20	NA	NA	<1.0	<1.0	1.8	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0
	05/15/87	NA	NA	<20	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0
W-4	10/31/86	NA	NA	<20	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0	<u>1.6</u>	NA	NA	<1.0	<1.0
W-5	10/31/86	NA	NA	<20	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0
	11/21/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/25/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/15/87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
W-6	10/31/86	NA	NA	<20	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0
	11/21/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
W-7	10/31/86	NA	NA	<20	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0
	11/21/86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
W-8	05/18/87	NA	NA	<20	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0
Gannett Fleming Geoprobe Borings																		
GP-1	04/28/01	<0.16	<0.46	<0.22	<0.69	<0.18	<u>14</u>	<0.25	<0.41	<0.13	<0.15	0.4 J	<0.22	<0.24	<0.42	<0.60	<0.25	<0.69
GP-2	04/28/01	<0.16	<0.46	<0.22	<0.69	<0.18	<0.22	<0.25	<0.41	<0.13	<0.15	<0.26	<0.22	<0.24	<0.42	<0.60	<0.25	<0.69
GP-3	04/28/01	<0.16	<0.46	<0.22	<0.69	0.2 J	<0.22	<0.25	1.2 J	<0.13	<0.15	<0.26	<0.22	<0.24	<0.42	0.49 J	<0.25	1.88 J
GP-4	04/28/01	<0.16	<0.46	<0.22	<0.69	<0.18	<0.22	<0.25	<0.41	<0.13	<0.15	<0.26	<0.22	<0.24	<0.42	<0.60	<0.25	<0.69
GP-5	04/28/01	<0.16	<0.46	<0.22	<0.69	<0.18	<u>1.4</u>	<0.25	<0.41	<0.13	<0.15	<0.26	<0.22	<u>0.55</u> J	<0.42	<0.60	<0.25	<0.69

Table E-1A
Groundwater Analytical Results Summary - VOCs
Goodman Community Center / BT² Project #3320
(Results are in µg/l)

Sample	Date	p-Isopropyltoluene	MTBE	Methylene Chloride	Naphthalene	n-Propylbenzene	Tetrachloroethylene (PCE)	1,1,2,2-Tetrachloroethane	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethylene (TCE)	Trichlorofluoromethane	TMBs	Vinyl Chloride	Xylenes
GP-6	04/28/01	<0.16	<0.46	<0.22	<0.69	<0.18	<0.22	<0.25	<0.41	<0.13	<0.15	<0.26	<0.22	<0.24	<0.42	<0.60	<0.25	<0.69
GP-7	04/28/01	<0.16	<0.46	<0.22	<0.69	<0.18	<u>3.8</u>	<0.25	<0.41	<0.13	<0.15	<0.26	<0.22	<0.24	<0.42	<0.60	<0.25	<0.69
GP-8	04/28/01	<0.16	<0.46	<0.22	<0.69	<0.18	<u>1.3</u>	<0.25	<0.41	<0.13	<0.15	<0.26	<0.22	<0.24	<0.42	<0.60	<0.25	<0.69
Rinsate Blank	10/31/86	NA	NA	<20	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0
Field Blank	10/31/86	NA	NA	<20	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0
Trip Blank	10/31/86	NA	NA	<20	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0
	03/25/87	NA	NA	<20	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0
	05/15/87	NA	NA	<20	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0	<1.0	NA	NA	<1.0	<1.0
	04/28/01	<0.16	<0.46	<0.22	<0.69	<0.18	<0.22	<0.25	<0.41	<0.13	<0.15	<0.26	<0.22	<0.24	<0.42	<0.60	<0.25	<0.69
NR 140 Enforcement Standards		NE	60	5	100	NE	5	0.2	1,000	NE	70	200	5	5	3,490	480	0.2	10,000
NR 140 Preventive Action Limits		NE	12	0.5	10	NE	0.5	0.02	200	NE	14	40	0.5	0.5	698	96	0.02	1,000

ABBREVIATIONS:

µg/l - micrograms per liter or parts per billion (ppb)
TMBs = 1,2,4- and 1,3,5-trimethylbenzenes
VOCs = Volatile Organic Compounds
ND = Not Detected

DRO = Diesel Range Organics
MTBE = Methyl-tert-butyl ether
NA = Not Analyzed
(Dup) = Duplicate

GRO = Gasoline Range Organics
PVOCs = Petroleum Volatile Organic Compounds
NE = No Standard Established
-- = Not Applicable

Created by: EO Date: 08/04/08
Last revision by: TLR Date: 09/11/08
Checked by: EO Date: 09/08/08

I:\3320\Tables-General\GW_VOCs_Full_List1.xls\GW VOCs

NOTES:

NR 140 Enforcement Standards - Wisconsin Administrative Code (WAC), Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards.
NR 140 Preventive Action Limits - WAC, Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards.

Bold+underlined values meet or exceed NR 140 enforcement standards.

Italic+underlined values meet or exceed NR 140 preventive action limits.

LABORATORY NOTES/QUALIFIERS:

J = J = Results reported between the Method Detection Limit (MDL) and Limit of Quantitation (LOQ) are less certain than results at or above the LOQ.

Table E-1B
Groundwater Analytical Results Summary - Metals
Atwood Community Center / BT² Project #3320
(Results are in µg/l)

Sample	Date	Lab Notes	Arsenic	Lead
GP-1	4/28/2001	--	2.8 J	<u>7.3</u>
GP-2	4/28/2001	--	<1	<1
GP-3	4/28/2001	--	1.7 J	<u>1.9</u> J
GP-4	4/28/2001	--	1.2 J	<u>6.4</u>
GP-5	4/28/2001	--	<1	<u>1.6</u> J
GP-6	4/28/2001	--	2.2 J	<u>13</u>
GP-7	4/28/2001	--	<1	1.4 J
GP-8	4/28/2001	--	<1	<1
NR 140.10 Enforcement Standards (ES)			10	15
NR 140.10 Preventive Action Limits (PAL)			1	1.5

ABBREVIATIONS:

µg/l = micrograms per liter or parts per billion (ppb)

NE = No Standard Established

-- = Not Applicable

NOTES:

NR 140.10 ES - Wisconsin Administrative Code (WAC), Chapter NR 140.10
Table 1 - Public Health Groundwater Quality Standards.

NR 140.10 PAL - WAC, Chapter NR 140.10 Table 1 - Public Health
Groundwater Quality Standards.

Italic+underlined values meet or exceed NR 140 preventive action limits.

Created by:	EO	Date:	8/4/2008
Last revision by:	EO	Date:	8/4/2008
Checked by:	EO	Date:	8/8/2008

I:\3320\Tables-General\[GW_Metals1.xls]GW Metals

Table E-4

TABLE 4

WATER LEVEL MEASUREMENTS
MONITORING WELLS W-1 THROUGH W-8
OCTOBER 1986 TO MAY 1987,
KUPFER IRON WORKS PARCEL, 149 WAUBESA STREET, MADISON, WISCONSIN

<u>Date</u>	<u>Monitoring Well No.</u>	<u>PVC Casing Elevation</u>	<u>Water Level Elevation</u>
10-24-86	W-1	863.69	852.1
10-29-86	W-1	863.69	850.84
10-31-86	W-1	863.69	850.89
10-22-86	W-2	862.68	851.9
10-23-86	W-2	862.68	851.0
10-29-86	W-2	862.68	850.96
10-31-86	W-2	862.68	850.87
10-17-86	W-3	861.91	848.9
10-29-86	W-3	861.91	851.19
10-31-86	W-3	861.91	850.98
05-18-87	W-3	861.91	848.96
10-22-86	W-4	863.11	851.6
10-23-86	W-4	863.11	851.4
10-29-86	W-4	863.11	852.40
10-31-86	W-4	863.11	851.19
05-18-87	W-4	863.11	849.30
10-23-86	W-5	864.21	852.7
10-29-86	W-5	864.21	855.00
10-31-86	W-5	864.21	854.95
11-21-86	W-5	864.21	853.72
05-18-87	W-5	864.21	854.29
10-23-86	W-6	864.27	853.3
10-29-86	W-6	864.27	855.00
10-31-86	W-6	864.27	854.91
11-21-86	W-6	864.27	853.69
05-18-87	W-6	864.27	854.56
10-23-86	W-7	864.59	852.8
10-29-86	W-7	864.59	855.41
10-31-86	W-7	864.59	855.36
11-21-86	W-7	864.59	855.25
05-18-87	W-7	864.59	854.83
05-18-87	W-8	863.41	848.76

NOTES

Elevations given in tenths of a foot were measured in open borehole from ground surface.

Monitoring Wells W-1 and W-2 were abandoned prior to May 18, 1987 water level monitoring (see text).

Monitoring Well W-8 was installed on April 30, 1987.

[jap-400-28c]

Table 3
Soil Analytical Results Summary - PAHs
Atwood Community Center / BT² Project #3320
(Results are in µg/kg, except where noted otherwise)

Sample	Date	Depth (feet)	Lab Notes	Acenaph-thene	Acenaph-thylene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)pyrene	Benzo(ghi)perylene	Chrysene	Dibenzo(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd) pyrene	1-Methyl-naphthalene	2-Methyl-naphthalene	Naphthalene	Phenanthrene	Pyrene
SB1	3/19/2007	1-2.5	--	<59	<100	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<8.9	<12	<12	<5.9	<36	<30	<36	<5.9	<5.9
	3/19/2007	3.5-5	--	<62	<110	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<9.3	<12	<12	<6.2	<37	<31	<37	<6.2	<6.2
WDNR PAH Soil Generic Residual Contaminant Levels (RCLs) (Interim Guidance - April 1997)																					
Groundwater Pathway				38,000	700	3,000,000	17,000	360,000	870,000	48,000	6,800,000	37,000	38,000	500,000	100,000	680,000	23,000	20,000	400	1,800	8,700,000
Non-Industrial Direct Contact				900,000	18,000	5,000,000	88	88	880	8.8	1,800	8,800	8.8	600,000	600,000	88	1,100,000	600,000	20,000	18,000	500,000
Industrial Direct Contact				60,000,000	360,000	300,000,000	3,900	3,900	39,000	390	39,000	390,000	390	40,000,000	40,000,000	3,900	70,000,000	40,000,000	110,000	390,000	30,000,000

ABBREVIATIONS:
µg/kg = micrograms per kilogram or parts per billion (ppb)
PAHs = Polynuclear Aromatic Hydrocarbons

-- = Not Applicable
WDNR = Wisconsin Department of Natural Resources

LABORATORY NOTES/QUALIFIERS:
None.

Created by: LMH Date: 4/6/2007
Last revision by: LMH Date: 4/6/2007
Checked by: _____ Date: _____

I:\3320\Tables-General\Soil_PAHs.xls]Soil PAHs



FILE COPY

Madison, WI | Lake Delton, WI | Chicago, IL

September 23, 2008

Ms. Salli Martyniak
Kupfer Center, LLC
c/o Forward Community Investments
211 South Patterson Street #160
Madison, WI 53703

**SUBJECT: Request for Closure of Department of Natural Resources Case File
Goodman Community Center (former Kupfer Ironworks)
149 Waubesa Street, Madison
WDNR BRRTS #02-13-262205
BT² Project #3320**

Dear Ms. Martyniak:

The Goodman Community Center is requesting closure of the Department of Natural Resources (DNR) case file for the former Kupfer Ironworks site at 149 Waubesa Street. As part of the closure process, DNR requires that property owners be notified of closure requests when such requests are made by parties other than the property owner. Deed documents indicate that Kupfer Center, LLC is the owner of Lot 1, parcel 071005305018, a portion of the property that is now the location of the Goodman Community Center.

The results of previous environmental investigations indicate that concentrations of some contaminants greater than ch. NR 720 residual contaminant levels remain in soil at the site. If this case is closed, all properties within the site boundaries where soil contamination exceeds chapter NR 720 RCLs will be listed on the DNR's geographic information system (GIS) Registry of Closed Remediation Sites. The information on the GIS Registry includes maps showing the location of properties in Wisconsin where soil contamination above chapter NR 720 RCLs was found at the time that the case was closed. This GIS Registry will be available to the general public on the Department of Natural Resources' internet web site.

A likely condition of case closure will be the maintenance of a barrier or cap on the site to prevent direct contact with the residual soil contamination. The cap consists of buildings, asphalt and concrete pavement, and 2 feet of clean soil in landscaped areas.

Once the DNR makes a decision on the closure request, it will be documented in a letter. If the DNR grants closure, you may obtain a copy of this letter requesting a copy from me, by writing to the DNR or by accessing the DNR GIS Registry of Closed Remediation Sites on the Internet at www.dnr.wi.gov/org/aw/rr/gis/index.htm. A copy of the closure letter is included as part of the site file on the GIS Registry of Closed Remediation Sites.

Ms. Salli Martyniak
September 23, 2008
Page 2

If you need more information, you may contact me at 216-7341 or you may contact Mr. Michael Schmoller of the DNR at 3911 Fish Hatchery Road, Fitchburg, Wisconsin 53711, phone number (608) 275-3303.

Sincerely,
BT², Inc.



Eric Oelkers, P.G.
Project Manager

i:\3320\correspondence - other\martyniak_closure notification_080923_ltr.doc

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

5all, Martyniak
Kupfer Center LLC
40 Forward Community
Investments
211 So. Patterson St #160
Madison WI 53703

COMPLETE THIS SECTION ON DELIVERY

A. Received by (Please Print Clearly) B. Date of Delivery

Juanita Anthony 9-26-08

C. Signature

X *Juanita Anthony* ☒ Agent ☐ Addressee

D. Is delivery address different from item 1? ☐ Yes

If YES, enter delivery address below: ☐ No

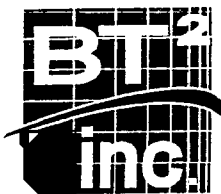
3. Service Type

☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Copy from service label)

7002 0510 0000 1686 1427



October 3, 2008

Mr. Garry Malmberg
Sr. Manager - Real Estate
Union Pacific Railroad
1400 Douglas St. STOP 1690
Omaha NE 68179-1690

**SUBJECT: Notification of Potential Soil Contamination in Right-of-Way
Union Pacific Railroad adjacent to 149 Waubesa Street
Madison, Wisconsin
WDNR BRRTS #02-13-262205
BT² Project #3320A**

Dear Mr. Malmberg:

On behalf of the Goodman Community Center, BT², Inc., is providing you with notification of potential soil contamination in the Union Pacific Railroad (UPRR) right-of-way (ROW). This letter is being sent as a requirement of site closure under Wis. Admin. Code NR 726.05(2)(a)(4).

The Wisconsin Department of Natural Resources (WDNR) will be reviewing the former Theo Kupfer Ironworks case to determine if it can be closed. The Kupfer site is now owned by the Goodman Community Center and has been redeveloped for use as a community center. A condition of case closure is that the site will be added to the WDNR geographical information system (GIS) Registry of Closed Remediation Sites.

The soil on the former Kupfer property is contaminated with concentrations of polycyclic aromatic hydrocarbons (PAHs) and lead greater than WDNR generic residual contaminant levels for non-industrial sites. Soil samples collected adjacent to the southern edge of the UPRR ROW indicate that the same contaminants are likely present within the railroad ROW at depths ranging from the ground surface to more than 4 feet. The soil contamination appears to be at least partly related to historical fill materials located on both the former Kupfer property and the railroad property.

After the site is closed, a summary of the soil sample results will be available on the WDNR GIS website at <http://dnrmaps.wisconsin.gov/imf/imf.jsp?site=brrts2>. If you need more information, please contact me at (608) 216-7341.

Sincerely,

A handwritten signature in black ink, appearing to read 'Eric Oelkers', is written over a horizontal line.

Eric Oelkers, P.G.
Project Hydrogeologist

cc: Ms. Becky Steinhoff, Goodman Community Center

EO/SMS

I:\3320-2008 closure\Madison_row_notification_080915_ltr.doc



October 3, 2008

Mr. Larry Nelson
City Engineer
City of Madison Engineering Division
210 Martin Luther King, Jr. Boulevard, Room 115
Madison, WI 53710

**SUBJECT: Notification of Soil Contamination in Right-of-Way
City of Madison Bike Path/Waubesa Court
Adjacent To 149 Waubesa Street, Madison Wisconsin
WDNR BRRTS #02-13-262205
BT² Project #3320A**

Dear Mr. Nelson:

On behalf of the Goodman Community Center, BT², Inc., is providing you with notification of residual soil contamination in the City of Madison Bike Path/Waubesa Court right-of-way. This letter is being sent as a requirement of site closure under Wis. Admin. Code NR 726.05(2)(a)(4).

The Wisconsin Department of Natural Resources (WDNR) will be reviewing the former Theo Kupfer Ironworks case to determine if it can be closed. The Kupfer site is now owned by the Goodman Community Center and has been redeveloped for use as a community center. A condition of case closure is that the site will be added to the WDNR geographical information system (GIS) Registry of Closed Remediation Sites.

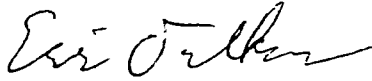
The soil on the former Kupfer property is contaminated with concentrations of polycyclic aromatic hydrocarbons (PAHs) and lead greater than WDNR generic residual contaminant levels (RCLs) for non-industrial sites. The same soil contaminants have also been detected in the former railroad corridor adjacent to south side of the former Kupfer property. The former railroad corridor is now owned by the city of Madison and is used as a bicycle path. The contamination appears to be at least partly related to historical fill materials located on both the former Kupfer property and the city property.

During the redevelopment of the Kupfer site, the Goodman Community center removed the uppermost layer of soil on both the former Kupfer property and the portion of city-owned land between the south Kupfer property line and the north edge of the bike path pavement. This area has now been capped with pavement or 2 feet of clean soil to prevent direct contact with residual soil contamination. It is likely that some soil contamination greater than RCLs remains in place on the city-owned property below the bike path pavement or below the clean soil cap.

Mr. Larry Nelson
October 3, 2008
Page 2

We will send you a complete copy of the closure request when we submit the request to WDNR. After the site is closed, a summary of the soil sample results will be available on the WDNR geographical information system website at <http://dnrmapping.wisconsin.gov/imf/imf.jsp?site=brts2>. If you need more information, please contact me at (608) 216-7341.

Sincerely,



Eric Oelkers, P.G.
Project Hydrogeologist

cc: Ms. Becky Steinhoff, Goodman Community Center

EO/SMS

I:\3320\2008 closure\Madison_row_notification_080915_ltr.doc

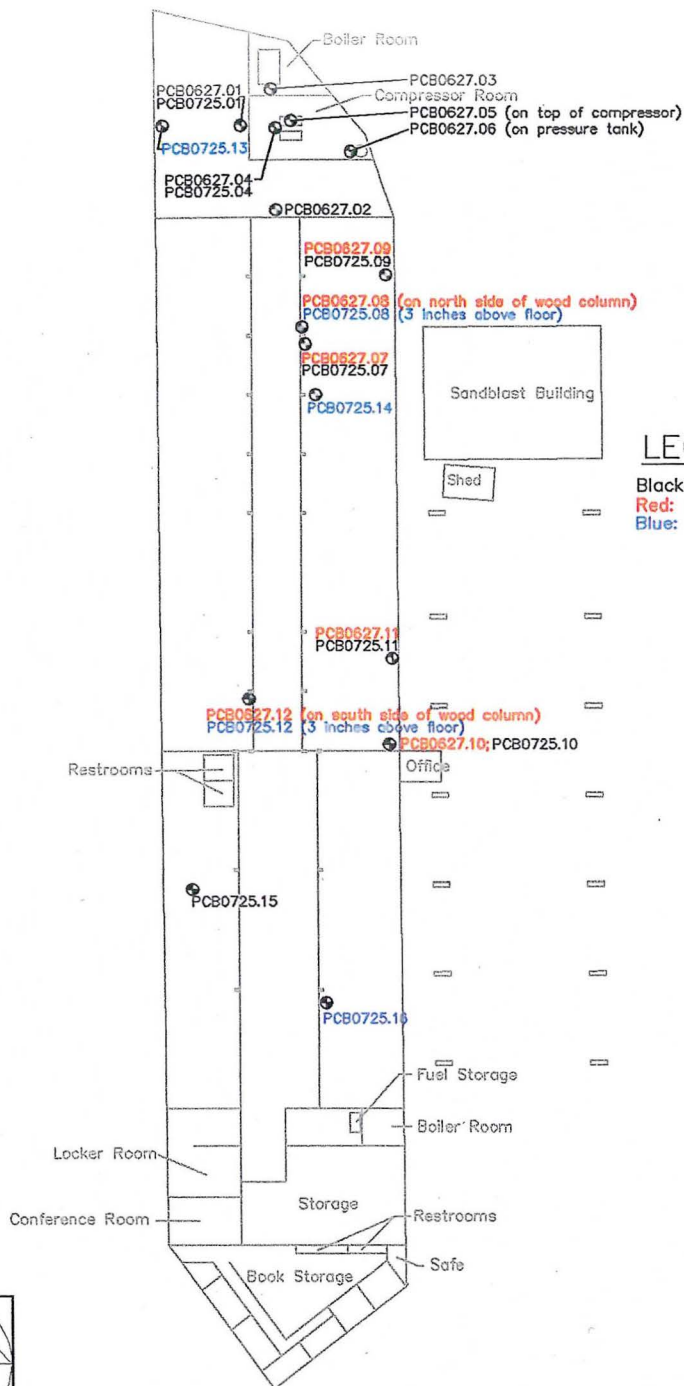
ATTACHMENT I

GIS Registry Information on CD-ROM



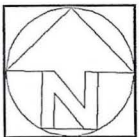
PROJECT NO. 3320	DRAWN BY: KRG/KP	ENGINEER: BT ² Inc.	2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830 FAX: (608) 224-2839	CLIENT: GOODMAN COMMUNITY CENTER 149 WAUBESA STREET MADISON, WISCONSIN 53704 PHONE: (608) 241-1574	SITE: GOODMAN COMMUNITY CENTER 149 WAUBESA STREET MADISON, WISCONSIN	POST-DEVELOPMENT SITE MAP WITH CAP	FIGURE: G-1
DRAWN: 09/15/08	CHECKED BY: EN/EO						
REVISED: 10/07/08	APPROVED BY:						

1:\3320\Drawings\General\CLOSURE\SITE-CAP.dwg, 10/8/2008 10:08:17 AM



LEGEND

Black: No detectable PCBs in Sample
 Red: PCBs in wipe sample > 1ug/100cm²
 Blue: PCBs detected in core sample > 1 mg/kg



WILLIAMS
ENVIRONMENTAL
ASSOCIATES inc.

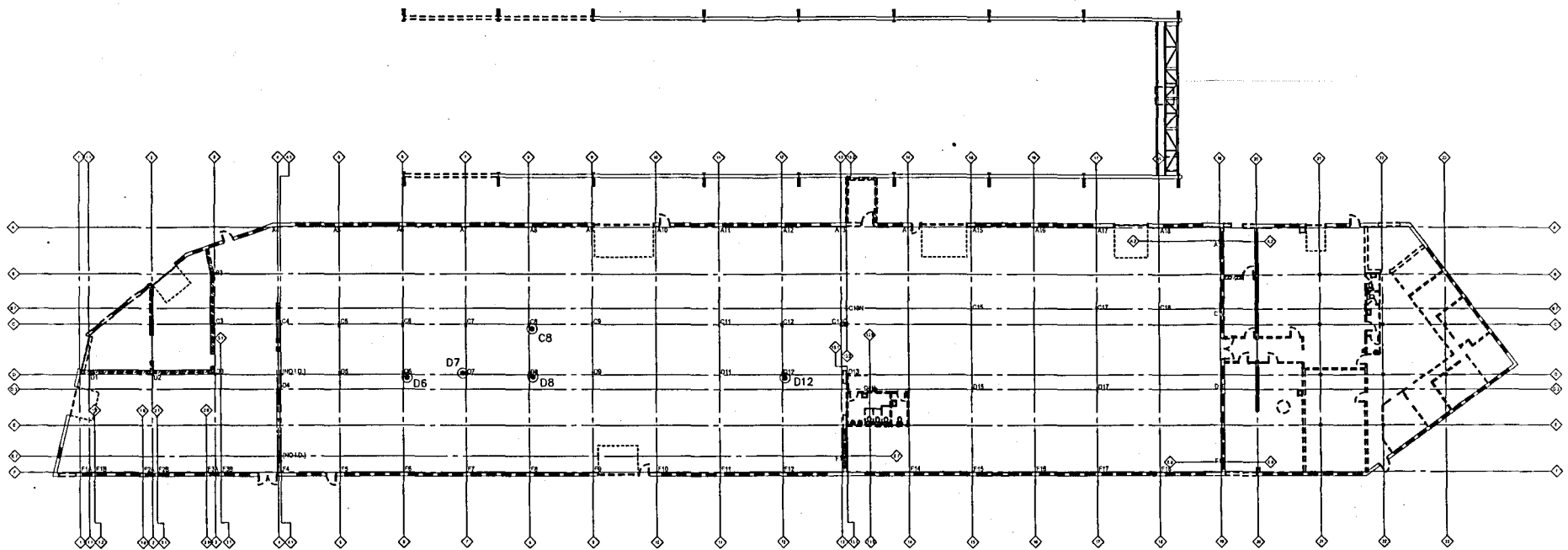
Client: Atwood Community Center

Environmental Sampling

**Ironworks Property
149 Waubesa Street
Madison, Wisconsin**

Figure 3

**PCB Sampling
Locations**
(Approx. Scale: 1" = 65')



FIRST FLOOR DEMOLITION PLAN

1/32" = 1'-0"

NOTES:

1. BUILDING PLAN FROM FIRST FLOOR DEMOLITION PLAN PREPARED BY EPPSTEIN UHEN ARCHITECTS.
2. COLUMNS C6 AND D6 ARE ENCASED IN CONCRETE BLOCK.
3. COLUMN D12 IS WRAPPED WITH WOOD TRIM.

LEGEND

- PCB SAMPLE LOCATION

PROJECT NO. 3320	DRAWN BY: KRG/KP	ENGINEER BT ² inc	2830 DAIRY DRIVE MADISON, WI 53716-6751 PHONE: (608) 224-2830 FAX: (608) 224-2839	CLIENT GOODMAN COMMUNITY CENTER 149 WAUBESA STREET MADISON, WISCONSIN 53704 PHONE: (608) 241-1574	GOODMAN COMMUNITY CENTER 149 WAUBESA STREET MADISON, WISCONSIN	BT ² PCB SAMPLE LOCATIONS	FIGURE F-3
DRAWN: 08/15/08	CHECKED BY: EO						
REVISED: 10/07/08	APPROVED BY:						

I:\3320\Drawings\General\CLOSURE\BLDG-SAMPLE.dwg, 10/8/2008 10:07:17 AM

ATTACHMENT J

Laboratory Analytical Reports

TestAmerica

ANALYTICAL TESTING CORPORATION

Watertown Division
602 Commerce Drive
Watertown, WI 53094

Phone 920-261-1660 or 800-833-7036
Fax 920-261-8120

To assist us in using the proper analytical methods,
is this work being conducted for regulatory purposes?
Compliance Monitoring _____

Client Name: BT, Inc Client #: _____

Address: 2830 Perry Drive

City/State/Zip Code: Madison WI

Project Manager: Eric Oelkers

Telephone Number: 261 608 216 7341 Fax: 608 224-2839

Sampler Name: (Print Name) Eric Oelkers

Sampler Signature: Eric Oelkers

Project Name: Goodman Community Center

Project #: 3320

Site/Location ID: Madison State: WI

Report To: Eric Oelkers

Invoice To: Same

Quote #: _____ PO#: _____

TAT ____ Standard ____ Rush (surcharges may apply)		Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix SL - Sludge DW - Drinking Water GW - Groundwater S - Soil/Solid WW - Wastewater Specify Other	Preservation & # of Containers								Analyze For:												QC Deliverables		REMARKS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
Date Needed: _____ Fax Results: Y N							HNO ₃	HCl	NaOH	H ₂ SO ₄	Methanol	None	Other (Specify)	VOC	PAH	RCRA Metals (Pb, Cr, Cu, Ni, Zn, Mn, Fe, Al, Ag, As, Ba, Be, Bi, Br, Ca, Co, Cs, Hg, K, Li, Mg, Mo, Na, Se, Sn, Sr, Tl, U, V, W)	DRO	____ None ____ Level 2 ____ (Batch QC) ____ Level 3 ____ Level 4 Other: _____																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
SAMPLE ID																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		</

Special Instructions: Delete DRO on SBI 3.5-5' per Eric 3/23

Relinquished By: <u>K. Lowe</u>	Date: <u>3/22/07</u>	Time: _____	Received By: <u>Roy Wynn</u>	Date: <u>3/22/07</u>	Time: <u>10:00</u>
Relinquished By: <u>Roy Wynn</u>	Date: <u>3/22/07</u>	Time: <u>1:30</u>	Received By: <u>Tracy Spence</u>	Date: <u>3/22/07</u>	Time: <u>1:43</u>
Relinquished By: _____	Date: _____	Time: _____	Received By: _____	Date: _____	Time: _____

LABORATORY COMMENTS:

Init Lab Temp: Ice

Rec Lab Temp: _____

Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N

Method of Shipment: TH

April 02, 2007

Client: BT2, INC.
2830 Dairy Drive
Madison, WI 53718

Work Order: WQC0725
Project Name: 3320 Goodman Comm. Center
Project Number: 3320

Attn: Mr. Eric Oelkers

Date Received: 03/22/07

An executed copy of the chain of custody is also included as an addendum to this report.

If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-833-7036

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
SB1 1-2.5'	WQC0725-01	03/19/07 08:25
SB1 3.5-5'	WQC0725-02	03/19/07 08:30

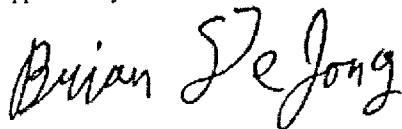
Samples were received into laboratory on ice.

Wisconsin Certification Number: 128053530

The Chain of Custody, 1 page, is included and is an integral part of this report.

Unless subcontracted, volatiles analyses (including VOC, P/VOC, GRO, BTEX, and TPH gasoline) performed by TestAmerica Watertown at 1101 Industrial Drive, Units 9&10. All other analyses performed at the address shown in the heading of this report.

Approved By:



TestAmerica - Watertown, WI
Brian DeJong For Dan F. Milewsky
Project Manager

BT2, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Eric Oelkers

Work Order: WQC0725
Project: 3320 Goodman Comm. Center
Project Number: 3320

Received: 03/22/07
Reported: 04/02/07 15:19

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WQC0725-01 (SB1 1-2.5' - Soil)						Sampled: 03/19/07 08:25			
General Chemistry Parameters									
% Solids	84		%	NA	1	03/28/07 00:00	PXM	7030744	SW 5035
Metals									
Arsenic	6.9		mg/kg dry	2.2	1	03/27/07 17:55	gaf	7030679	SW 6010B
Barium	120		mg/kg dry	0.11	1	03/27/07 17:54	gaf	7030679	SW 6010B
Cadmium	0.48		mg/kg dry	0.10	1	03/27/07 17:55	gaf	7030679	SW 6010B
Chromium	10		mg/kg dry	0.18	1	03/27/07 17:55	gaf	7030679	SW 6010B
Lead	11		mg/kg dry	1.2	1	03/27/07 17:55	gaf	7030679	SW 6010B
Mercury	<0.012		mg/kg dry	0.0100	1	03/28/07 13:14	tdc	7030768	EPA 245.5
Selenium	<4.8		mg/kg dry	4.0	1	03/27/07 17:55	gaf	7030679	SW 6010B
Silver	<0.13		mg/kg dry	0.11	1	03/27/07 17:54	gaf	7030679	SW 6010B
UST ANALYSIS PARAMETERS									
Diesel Range Organics	<4.9		mg/kg dry	5.0	0.831	03/28/07 14:10	JTS	7030749	WDNR DRO
VOCs by SW8260B									
Benzene	<30		ug/kg dry	25	1	03/23/07 21:44	aba	7030656	SW 8260B
Bromobenzene	<30		ug/kg dry	25	1	03/23/07 21:44	aba	7030656	SW 8260B
Bromochloromethane	<42		ug/kg dry	35	1	03/23/07 21:44	aba	7030656	SW 8260B
Bromodichloromethane	<30		ug/kg dry	25	1	03/23/07 21:44	aba	7030656	SW 8260B
Bromoform	<30		ug/kg dry	25	1	03/23/07 21:44	aba	7030656	SW 8260B
Bromomethane	<120		ug/kg dry	100	1	03/23/07 21:44	aba	7030656	SW 8260B
n-Butylbenzene	<30		ug/kg dry	25	1	03/23/07 21:44	aba	7030656	SW 8260B
sec-Butylbenzene	<30		ug/kg dry	25	1	03/23/07 21:44	aba	7030656	SW 8260B
tert-Butylbenzene	<30		ug/kg dry	25	1	03/23/07 21:44	aba	7030656	SW 8260B
Carbon Tetrachloride	<30		ug/kg dry	25	1	03/23/07 21:44	aba	7030656	SW 8260B
Chlorobenzene	<30		ug/kg dry	25	1	03/23/07 21:44	aba	7030656	SW 8260B
Chlorodibromomethane	<30		ug/kg dry	25	1	03/23/07 21:44	aba	7030656	SW 8260B
Chloroethane	<59		ug/kg dry	50	1	03/23/07 21:44	aba	7030656	SW 8260B
Chloroform	<30		ug/kg dry	25	1	03/23/07 21:44	aba	7030656	SW 8260B
Chloromethane	<59		ug/kg dry	50	1	03/23/07 21:44	aba	7030656	SW 8260B
2-Chlorotoluene	<59		ug/kg dry	50	1	03/23/07 21:44	aba	7030656	SW 8260B
4-Chlorotoluene	<30		ug/kg dry	25	1	03/23/07 21:44	aba	7030656	SW 8260B
1,2-Dibromo-3-chloropropane	<59		ug/kg dry	50	1	03/23/07 21:44	aba	7030656	SW 8260B
1,2-Dibromoethane (EDB)	<30		ug/kg dry	25	1	03/23/07 21:44	aba	7030656	SW 8260B
Dibromomethane	<30		ug/kg dry	25	1	03/23/07 21:44	aba	7030656	SW 8260B
1,2-Dichlorobenzene	<30		ug/kg dry	25	1	03/23/07 21:44	aba	7030656	SW 8260B
1,3-Dichlorobenzene	<30		ug/kg dry	25	1	03/23/07 21:44	aba	7030656	SW 8260B
1,4-Dichlorobenzene	<30		ug/kg dry	25	1	03/23/07 21:44	aba	7030656	SW 8260B
Dichlorodifluoromethane	<59	LI	ug/kg dry	50	1	03/23/07 21:44	aba	7030656	SW 8260B
1,1-Dichloroethane	<30		ug/kg dry	25	1	03/23/07 21:44	aba	7030656	SW 8260B
1,2-Dichloroethane	<30		ug/kg dry	25	1	03/23/07 21:44	aba	7030656	SW 8260B
1,1-Dichloroethene	<30		ug/kg dry	25	1	03/23/07 21:44	aba	7030656	SW 8260B
cis-1,2-Dichloroethene	<30		ug/kg dry	25	1	03/23/07 21:44	aba	7030656	SW 8260B
trans-1,2-Dichloroethene	<30		ug/kg dry	25	1	03/23/07 21:44	aba	7030656	SW 8260B
1,2-Dichloropropane	<30		ug/kg dry	25	1	03/23/07 21:44	aba	7030656	SW 8260B
1,3-Dichloropropane	<30		ug/kg dry	25	1	03/23/07 21:44	aba	7030656	SW 8260B
2,2-Dichloropropane	<30		ug/kg dry	25	1	03/23/07 21:44	aba	7030656	SW 8260B
1,1-Dichloropropene	<30		ug/kg dry	25	1	03/23/07 21:44	aba	7030656	SW 8260B
cis-1,3-Dichloropropene	<30		ug/kg dry	25	1	03/23/07 21:44	aba	7030656	SW 8260B
trans-1,3-Dichloropropene	<30		ug/kg dry	25	1	03/23/07 21:44	aba	7030656	SW 8260B
2,3-Dichloropropene	<30		ug/kg dry	25	1	03/23/07 21:44	aba	7030656	SW 8260B

BT2, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Eric Oelkers

Work Order: WQC0725
Project: 3320 Goodman Comm. Center
Project Number: 3320

Received: 03/22/07
Reported: 04/02/07 15:19

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WQC0725-01 (SB1 1-2.5' - Soil) - cont.						Sampled: 03/19/07 08:25			
VOCs by SW8260B - cont.									
Isopropyl Ether	<30		ug/kg dry	25	1	03/23/07 21:44	aba	7030656	SW 8260B
Ethylbenzene	<30		ug/kg dry	25	1	03/23/07 21:44	aba	7030656	SW 8260B
Hexachlorobutadiene	<42		ug/kg dry	35	1	03/23/07 21:44	aba	7030656	SW 8260B
Isopropylbenzene	<30		ug/kg dry	25	1	03/23/07 21:44	aba	7030656	SW 8260B
p-Isopropyltoluene	<30		ug/kg dry	25	1	03/23/07 21:44	aba	7030656	SW 8260B
Methylene Chloride	<59		ug/kg dry	50	1	03/23/07 21:44	aba	7030656	SW 8260B
Methyl tert-Butyl Ether	<30		ug/kg dry	25	1	03/23/07 21:44	aba	7030656	SW 8260B
Naphthalene	<59		ug/kg dry	50	1	03/23/07 21:44	aba	7030656	SW 8260B
n-Propylbenzene	<30		ug/kg dry	25	1	03/23/07 21:44	aba	7030656	SW 8260B
Styrene	<30		ug/kg dry	25	1	03/23/07 21:44	aba	7030656	SW 8260B
1,1,1,2-Tetrachloroethane	<30		ug/kg dry	25	1	03/23/07 21:44	aba	7030656	SW 8260B
1,1,2,2-Tetrachloroethane	<30		ug/kg dry	25	1	03/23/07 21:44	aba	7030656	SW 8260B
Tetrachloroethene	<30		ug/kg dry	25	1	03/23/07 21:44	aba	7030656	SW 8260B
Toluene	<30		ug/kg dry	25	1	03/23/07 21:44	aba	7030656	SW 8260B
1,2,3-Trichlorobenzene	<30		ug/kg dry	25	1	03/23/07 21:44	aba	7030656	SW 8260B
1,2,4-Trichlorobenzene	<30		ug/kg dry	25	1	03/23/07 21:44	aba	7030656	SW 8260B
1,1,1-Trichloroethane	<30		ug/kg dry	25	1	03/23/07 21:44	aba	7030656	SW 8260B
1,1,2-Trichloroethane	<42		ug/kg dry	35	1	03/23/07 21:44	aba	7030656	SW 8260B
Trichloroethene	<30		ug/kg dry	25	1	03/23/07 21:44	aba	7030656	SW 8260B
Trichlorofluoromethane	<30		ug/kg dry	25	1	03/23/07 21:44	aba	7030656	SW 8260B
1,2,3-Trichloropropane	<59		ug/kg dry	50	1	03/23/07 21:44	aba	7030656	SW 8260B
1,2,4-Trimethylbenzene	<30		ug/kg dry	25	1	03/23/07 21:44	aba	7030656	SW 8260B
1,3,5-Trimethylbenzene	<30		ug/kg dry	25	1	03/23/07 21:44	aba	7030656	SW 8260B
Vinyl chloride	<42		ug/kg dry	35	1	03/23/07 21:44	aba	7030656	SW 8260B
Xylenes, total	<100		ug/kg dry	85	1	03/23/07 21:44	aba	7030656	SW 8260B
Surr: Dibromofluoromethane (82-112%)	96 %								
Surr: Toluene-d8 (91-106%)	93 %								
Surr: 4-Bromofluorobenzene (89-110%)	93 %								
PNAs by SW8310									
Acenaphthene	<59		ug/kg dry	50	1	03/29/07 20:52	CYNTH	7030709	SW 8310
Acenaphthylene	<100		ug/kg dry	85	1	03/29/07 20:52	CYNTH	7030709	SW 8310
Anthracene	<5.9		ug/kg dry	5.0	1	03/29/07 20:52	CYNTH	7030709	SW 8310
Benzo (a) anthracene	<5.9		ug/kg dry	5.0	1	03/29/07 20:52	CYNTH	7030709	SW 8310
Benzo (b) fluoranthene	<5.9		ug/kg dry	5.0	1	03/29/07 20:52	CYNTH	7030709	SW 8310
Benzo (k) fluoranthene	<5.9		ug/kg dry	5.0	1	03/29/07 20:52	CYNTH	7030709	SW 8310
Benzo (a) pyrene	<5.9		ug/kg dry	5.0	1	03/29/07 20:52	CYNTH	7030709	SW 8310
Benzo (g,h,i) perylene	<5.9		ug/kg dry	5.0	1	03/29/07 20:52	CYNTH	7030709	SW 8310
Chrysene	<5.9		ug/kg dry	5.0	1	03/29/07 20:52	CYNTH	7030709	SW 8310
Dibenzo (a,h) anthracene	<8.9		ug/kg dry	7.5	1	03/29/07 20:52	CYNTH	7030709	SW 8310
Fluoranthene	<12		ug/kg dry	10	1	03/29/07 20:52	CYNTH	7030709	SW 8310
Fluorene	<12		ug/kg dry	10	1	03/29/07 20:52	CYNTH	7030709	SW 8310
Indeno (1,2,3-cd) pyrene	<5.9		ug/kg dry	5.0	1	03/29/07 20:52	CYNTH	7030709	SW 8310
1-Methylnaphthalene	<36		ug/kg dry	30	1	03/29/07 20:52	CYNTH	7030709	SW 8310
2-Methylnaphthalene	<30		ug/kg dry	25	1	03/29/07 20:52	CYNTH	7030709	SW 8310
Naphthalene	<36		ug/kg dry	30	1	03/29/07 20:52	CYNTH	7030709	SW 8310
Phenanthrene	<5.9		ug/kg dry	5.0	1	03/29/07 20:52	CYNTH	7030709	SW 8310
Pyrene	<5.9		ug/kg dry	5.0	1	03/29/07 20:52	CYNTH	7030709	SW 8310
Surr: 2-Fluorobiphenyl (62-124%)	95 %								

BT2, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Eric Oelkers

Work Order: WQC0725
Project: 3320 Goodman Comm. Center
Project Number: 3320

Received: 03/22/07
Reported: 04/02/07 15:19

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WQC0725-02 (SB1 3.5-5' - Soil)						Sampled: 03/19/07 08:30			
General Chemistry Parameters									
% Solids	80		%	NA	1	03/28/07 00:00	PXM	7030744	SW 5035
Metals									
Arsenic	5.7		mg/kg dry	2.2	1	03/27/07 18:00	gaf	7030679	SW 6010B
Barium	91		mg/kg dry	0.11	1	03/27/07 18:00	gaf	7030679	SW 6010B
Cadmium	0.53		mg/kg dry	0.10	1	03/27/07 18:00	gaf	7030679	SW 6010B
Chromium	12		mg/kg dry	0.18	1	03/27/07 18:00	gaf	7030679	SW 6010B
Lead	8.4		mg/kg dry	1.2	1	03/27/07 18:00	gaf	7030679	SW 6010B
Mercury	0.021		mg/kg dry	0.0100	1	03/28/07 13:19	tdc	7030768	EPA 245.5
Selenium	<5.0		mg/kg dry	4.0	1	03/27/07 18:00	gaf	7030679	SW 6010B
Silver	<0.14		mg/kg dry	0.11	1	03/27/07 18:00	gaf	7030679	SW 6010B
VOCs by SW8260B									
Benzene	<31		ug/kg dry	25	1	03/23/07 22:14	aba	7030656	SW 8260B
Bromobenzene	<31		ug/kg dry	25	1	03/23/07 22:14	aba	7030656	SW 8260B
Bromochloromethane	<43		ug/kg dry	35	1	03/23/07 22:14	aba	7030656	SW 8260B
Bromodichloromethane	<31		ug/kg dry	25	1	03/23/07 22:14	aba	7030656	SW 8260B
Bromoform	<31		ug/kg dry	25	1	03/23/07 22:14	aba	7030656	SW 8260B
Bromomethane	<120		ug/kg dry	100	1	03/23/07 22:14	aba	7030656	SW 8260B
n-Butylbenzene	<31		ug/kg dry	25	1	03/23/07 22:14	aba	7030656	SW 8260B
sec-Butylbenzene	<31		ug/kg dry	25	1	03/23/07 22:14	aba	7030656	SW 8260B
tert-Butylbenzene	<31		ug/kg dry	25	1	03/23/07 22:14	aba	7030656	SW 8260B
Carbon Tetrachloride	<31		ug/kg dry	25	1	03/23/07 22:14	aba	7030656	SW 8260B
Chlorobenzene	<31		ug/kg dry	25	1	03/23/07 22:14	aba	7030656	SW 8260B
Chlorodibromomethane	<31		ug/kg dry	25	1	03/23/07 22:14	aba	7030656	SW 8260B
Chloroethane	<62		ug/kg dry	50	1	03/23/07 22:14	aba	7030656	SW 8260B
Chloroform	<31		ug/kg dry	25	1	03/23/07 22:14	aba	7030656	SW 8260B
Chloromethane	<62		ug/kg dry	50	1	03/23/07 22:14	aba	7030656	SW 8260B
2-Chlorotoluene	<62		ug/kg dry	50	1	03/23/07 22:14	aba	7030656	SW 8260B
4-Chlorotoluene	<31		ug/kg dry	25	1	03/23/07 22:14	aba	7030656	SW 8260B
1,2-Dibromo-3-chloropropane	<62		ug/kg dry	50	1	03/23/07 22:14	aba	7030656	SW 8260B
1,2-Dibromoethane (EDB)	<31		ug/kg dry	25	1	03/23/07 22:14	aba	7030656	SW 8260B
Dibromomethane	<31		ug/kg dry	25	1	03/23/07 22:14	aba	7030656	SW 8260B
1,2-Dichlorobenzene	<31		ug/kg dry	25	1	03/23/07 22:14	aba	7030656	SW 8260B
1,3-Dichlorobenzene	<31		ug/kg dry	25	1	03/23/07 22:14	aba	7030656	SW 8260B
1,4-Dichlorobenzene	<31		ug/kg dry	25	1	03/23/07 22:14	aba	7030656	SW 8260B
Dichlorodifluoromethane	<62	L1	ug/kg dry	50	1	03/23/07 22:14	aba	7030656	SW 8260B
1,1-Dichloroethane	<31		ug/kg dry	25	1	03/23/07 22:14	aba	7030656	SW 8260B
1,2-Dichloroethane	<31		ug/kg dry	25	1	03/23/07 22:14	aba	7030656	SW 8260B
1,1-Dichloroethene	<31		ug/kg dry	25	1	03/23/07 22:14	aba	7030656	SW 8260B
cis-1,2-Dichloroethene	<31		ug/kg dry	25	1	03/23/07 22:14	aba	7030656	SW 8260B
trans-1,2-Dichloroethene	<31		ug/kg dry	25	1	03/23/07 22:14	aba	7030656	SW 8260B
1,2-Dichloropropane	<31		ug/kg dry	25	1	03/23/07 22:14	aba	7030656	SW 8260B
1,3-Dichloropropane	<31		ug/kg dry	25	1	03/23/07 22:14	aba	7030656	SW 8260B
2,2-Dichloropropane	<31		ug/kg dry	25	1	03/23/07 22:14	aba	7030656	SW 8260B
1,1-Dichloropropene	<31		ug/kg dry	25	1	03/23/07 22:14	aba	7030656	SW 8260B
cis-1,3-Dichloropropene	<31		ug/kg dry	25	1	03/23/07 22:14	aba	7030656	SW 8260B
trans-1,3-Dichloropropene	<31		ug/kg dry	25	1	03/23/07 22:14	aba	7030656	SW 8260B
2,3-Dichloropropene	<31		ug/kg dry	25	1	03/23/07 22:14	aba	7030656	SW 8260B
Isopropyl Ether	<31		ug/kg dry	25	1	03/23/07 22:14	aba	7030656	SW 8260B
Ethylbenzene	<31		ug/kg dry	25	1	03/23/07 22:14	aba	7030656	SW 8260B
Hexachlorobutadiene	<43		ug/kg dry	35	1	03/23/07 22:14	aba	7030656	SW 8260B
Isopropylbenzene	<31		ug/kg dry	25	1	03/23/07 22:14	aba	7030656	SW 8260B
p-Isopropyltoluene	<31		ug/kg dry	25	1	03/23/07 22:14	aba	7030656	SW 8260B

BT2, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Eric Oelkers

Work Order: WQC0725
Project: 3320 Goodman Comm. Center
Project Number: 3320

Received: 03/22/07
Reported: 04/02/07 15:19

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WQC0725-02 (SB1 3.5-5' - Soil) - cont.						Sampled: 03/19/07 08:30			
VOCs by SW8260B - cont.									
Methylene Chloride	<62		ug/kg dry	50	1	03/23/07 22:14	aba	7030656	SW 8260B
Methyl tert-Butyl Ether	<31		ug/kg dry	25	1	03/23/07 22:14	aba	7030656	SW 8260B
Naphthalene	<62		ug/kg dry	50	1	03/23/07 22:14	aba	7030656	SW 8260B
n-Propylbenzene	<31		ug/kg dry	25	1	03/23/07 22:14	aba	7030656	SW 8260B
Styrene	<31		ug/kg dry	25	1	03/23/07 22:14	aba	7030656	SW 8260B
1,1,1,2-Tetrachloroethane	<31		ug/kg dry	25	1	03/23/07 22:14	aba	7030656	SW 8260B
1,1,2,2-Tetrachloroethane	<31		ug/kg dry	25	1	03/23/07 22:14	aba	7030656	SW 8260B
Tetrachloroethene	<31		ug/kg dry	25	1	03/23/07 22:14	aba	7030656	SW 8260B
Toluene	<31		ug/kg dry	25	1	03/23/07 22:14	aba	7030656	SW 8260B
1,2,3-Trichlorobenzene	<31		ug/kg dry	25	1	03/23/07 22:14	aba	7030656	SW 8260B
1,2,4-Trichlorobenzene	<31		ug/kg dry	25	1	03/23/07 22:14	aba	7030656	SW 8260B
1,1,1-Trichloroethane	<31		ug/kg dry	25	1	03/23/07 22:14	aba	7030656	SW 8260B
1,1,2-Trichloroethane	<43		ug/kg dry	35	1	03/23/07 22:14	aba	7030656	SW 8260B
Trichloroethene	<31		ug/kg dry	25	1	03/23/07 22:14	aba	7030656	SW 8260B
Trichlorofluoromethane	<31		ug/kg dry	25	1	03/23/07 22:14	aba	7030656	SW 8260B
1,2,3-Trichloropropane	<62		ug/kg dry	50	1	03/23/07 22:14	aba	7030656	SW 8260B
1,2,4-Trimethylbenzene	<31		ug/kg dry	25	1	03/23/07 22:14	aba	7030656	SW 8260B
1,3,5-Trimethylbenzene	<31		ug/kg dry	25	1	03/23/07 22:14	aba	7030656	SW 8260B
Vinyl chloride	<43		ug/kg dry	35	1	03/23/07 22:14	aba	7030656	SW 8260B
Xylenes, total	<110		ug/kg dry	85	1	03/23/07 22:14	aba	7030656	SW 8260B
Surr: Dibromofluoromethane (82-112%)	95 %								
Surr: Toluene-d8 (91-106%)	94 %								
Surr: 4-Bromofluorobenzene (89-110%)	98 %								
PNAs by SW8310									
Acenaphthene	<62		ug/kg dry	50	1	03/29/07 21:50	CYNTH	7030709	SW 8310
Acenaphthylene	<110		ug/kg dry	85	1	03/29/07 21:50	CYNTH	7030709	SW 8310
Anthracene	<6.2		ug/kg dry	5.0	1	03/29/07 21:50	CYNTH	7030709	SW 8310
Benzo (a) anthracene	<6.2		ug/kg dry	5.0	1	03/29/07 21:50	CYNTH	7030709	SW 8310
Benzo (b) fluoranthene	<6.2		ug/kg dry	5.0	1	03/29/07 21:50	CYNTH	7030709	SW 8310
Benzo (k) fluoranthene	<6.2		ug/kg dry	5.0	1	03/29/07 21:50	CYNTH	7030709	SW 8310
Benzo (a) pyrene	<6.2		ug/kg dry	5.0	1	03/29/07 21:50	CYNTH	7030709	SW 8310
Benzo (g,h,i) perylene	<6.2		ug/kg dry	5.0	1	03/29/07 21:50	CYNTH	7030709	SW 8310
Chrysene	<6.2		ug/kg dry	5.0	1	03/29/07 21:50	CYNTH	7030709	SW 8310
Dibenzo (a,h) anthracene	<9.3		ug/kg dry	7.5	1	03/29/07 21:50	CYNTH	7030709	SW 8310
Fluoranthene	<12		ug/kg dry	10	1	03/29/07 21:50	CYNTH	7030709	SW 8310
Fluorene	<12		ug/kg dry	10	1	03/29/07 21:50	CYNTH	7030709	SW 8310
Indeno (1,2,3-cd) pyrene	<6.2		ug/kg dry	5.0	1	03/29/07 21:50	CYNTH	7030709	SW 8310
1-Methylnaphthalene	<37		ug/kg dry	30	1	03/29/07 21:50	CYNTH	7030709	SW 8310
2-Methylnaphthalene	<31		ug/kg dry	25	1	03/29/07 21:50	CYNTH	7030709	SW 8310
Naphthalene	<37		ug/kg dry	30	1	03/29/07 21:50	CYNTH	7030709	SW 8310
Phenanthrene	<6.2		ug/kg dry	5.0	1	03/29/07 21:50	CYNTH	7030709	SW 8310
Pyrene	<6.2		ug/kg dry	5.0	1	03/29/07 21:50	CYNTH	7030709	SW 8310
Surr: 2-Fluorobiphenyl (62-124%)	98 %								

BT2, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Eric Oelkers

Work Order: WQC0725
Project: 3320 Goodman Comm. Center
Project Number: 3320

Received: 03/22/07
Reported: 04/02/07 15:19

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
PNAs by SW8310							
SW 8310	7030709	WQC0725-01	25	2	03/27/07 06:49	JTS	SW 3550B
SW 8310	7030709	WQC0725-02	25	2	03/27/07 06:49	JTS	SW 3550B
UST ANALYSIS PARAMETERS							
WDNR DRO	7030749	WQC0725-01	30	2	03/23/07 12:00	JTS	Default Prep GC-Sen

BT2, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Eric Oelkers

Work Order: WQC0725
Project: 3320 Goodman Comm. Center
Project Number: 3320

Received: 03/22/07
Reported: 04/02/07 15:19

LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD RPD	RPD Limit	Q
Metals														
Arsenic	7030679			mg/kg wet	N/A	2.2	<2.2							
Barium	7030679			mg/kg wet	N/A	0.11	<0.11							
Cadmium	7030679			mg/kg wet	N/A	0.10	<0.10							
Chromium	7030679			mg/kg wet	N/A	0.18	<0.18							
Lead	7030679			mg/kg wet	N/A	1.2	<1.2							
Selenium	7030679			mg/kg wet	N/A	4.0	<4.0							
Silver	7030679			mg/kg wet	N/A	0.11	<0.11							
Mercury	7030768			mg/kg wet	N/A	0.010	<0.010							
UST ANALYSIS PARAMETERS														
Diesel Range Organics	7030749			mg/kg wet	N/A	5.0	<5.0							
VOCs by SW8260B														
Benzene	7030656			ug/kg wet	N/A	25	<25							
Bromobenzene	7030656			ug/kg wet	N/A	25	<25							
Bromochloromethane	7030656			ug/kg wet	N/A	35	<35							
Bromodichloromethane	7030656			ug/kg wet	N/A	25	<25							
Bromoform	7030656			ug/kg wet	N/A	25	<25							
Bromomethane	7030656			ug/kg wet	N/A	100	<100							
n-Butylbenzene	7030656			ug/kg wet	N/A	25	<25							
sec-Butylbenzene	7030656			ug/kg wet	N/A	25	<25							
tert-Butylbenzene	7030656			ug/kg wet	N/A	25	<25							
Carbon Tetrachloride	7030656			ug/kg wet	N/A	25	<25							
Chlorobenzene	7030656			ug/kg wet	N/A	25	<25							
Chlorodibromomethane	7030656			ug/kg wet	N/A	25	<25							
Chloroethane	7030656			ug/kg wet	N/A	50	<50							
Chloroform	7030656			ug/kg wet	N/A	25	<25							
Chloromethane	7030656			ug/kg wet	N/A	50	<50							
2-Chlorotoluene	7030656			ug/kg wet	N/A	50	<50							
4-Chlorotoluene	7030656			ug/kg wet	N/A	25	<25							
1,2-Dibromo-3-chloropropane	7030656			ug/kg wet	N/A	50	<50							
1,2-Dibromoethane (EDB)	7030656			ug/kg wet	N/A	25	<25							
Dibromomethane	7030656			ug/kg wet	N/A	25	<25							
1,2-Dichlorobenzene	7030656			ug/kg wet	N/A	25	<25							
1,3-Dichlorobenzene	7030656			ug/kg wet	N/A	25	<25							
1,4-Dichlorobenzene	7030656			ug/kg wet	N/A	25	<25							
Dichlorodifluoromethane	7030656			ug/kg wet	N/A	50	<50							LI
1,1-Dichloroethane	7030656			ug/kg wet	N/A	25	<25							
1,2-Dichloroethane	7030656			ug/kg wet	N/A	25	<25							
1,1-Dichloroethene	7030656			ug/kg wet	N/A	25	<25							
cis-1,2-Dichloroethene	7030656			ug/kg wet	N/A	25	<25							
trans-1,2-Dichloroethene	7030656			ug/kg wet	N/A	25	<25							
1,2-Dichloropropane	7030656			ug/kg wet	N/A	25	<25							
1,3-Dichloropropane	7030656			ug/kg wet	N/A	25	<25							
2,2-Dichloropropane	7030656			ug/kg wet	N/A	25	<25							
1,1-Dichloropropene	7030656			ug/kg wet	N/A	25	<25							
cis-1,3-Dichloropropene	7030656			ug/kg wet	N/A	25	<25							

BT2, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Eric Oelkers

Work Order: WQC0725
Project: 3320 Goodman Comm. Center
Project Number: 3320

Received: 03/22/07
Reported: 04/02/07 15:19

LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD RPD	RPD Limit	Q
VOCs by SW8260B														
trans-1,3-Dichloropropene	7030656			ug/kg wet	N/A	25	<25							
2,3-Dichloropropene	7030656			ug/kg wet	N/A	25	<25							
Isopropyl Ether	7030656			ug/kg wet	N/A	25	<25							
Ethylbenzene	7030656			ug/kg wet	N/A	25	<25							
Hexachlorobutadiene	7030656			ug/kg wet	N/A	35	<35							
Isopropylbenzene	7030656			ug/kg wet	N/A	25	<25							
p-Isopropyltoluene	7030656			ug/kg wet	N/A	25	<25							
Methylene Chloride	7030656			ug/kg wet	N/A	50	<50							
Methyl tert-Butyl Ether	7030656			ug/kg wet	N/A	25	<25							
Naphthalene	7030656			ug/kg wet	N/A	50	<50							
n-Propylbenzene	7030656			ug/kg wet	N/A	25	<25							
Styrene	7030656			ug/kg wet	N/A	25	<25							
1,1,1,2-Tetrachloroethane	7030656			ug/kg wet	N/A	25	<25							
1,1,2,2-Tetrachloroethane	7030656			ug/kg wet	N/A	25	<25							
Tetrachloroethene	7030656			ug/kg wet	N/A	25	<25							
Toluene	7030656			ug/kg wet	N/A	25	<25							
1,2,3-Trichlorobenzene	7030656			ug/kg wet	N/A	25	<25							
1,2,4-Trichlorobenzene	7030656			ug/kg wet	N/A	25	<25							
1,1,1-Trichloroethane	7030656			ug/kg wet	N/A	25	<25							
1,1,2-Trichloroethane	7030656			ug/kg wet	N/A	35	<35							
Trichloroethene	7030656			ug/kg wet	N/A	25	<25							
Trichlorofluoromethane	7030656			ug/kg wet	N/A	25	<25							
1,2,3-Trichloropropane	7030656			ug/kg wet	N/A	50	<50							
1,2,4-Trimethylbenzene	7030656			ug/kg wet	N/A	25	<25							
1,3,5-Trimethylbenzene	7030656			ug/kg wet	N/A	25	<25							
Vinyl chloride	7030656			ug/kg wet	N/A	35	<35							
Xylenes, total	7030656			ug/kg wet	N/A	85	<85							
Surrogate: Dibromofluoromethane	7030656			ug/kg wet					95		82-112			
Surrogate: Toluene-d8	7030656			ug/kg wet					91		91-106			
Surrogate: 4-Bromofluorobenzene	7030656			ug/kg wet					96		89-110			
PNAs by SW8310														
Acenaphthene	7030709			ug/kg wet	N/A	50	<50							
Acenaphthylene	7030709			ug/kg wet	N/A	85	<85							
Anthracene	7030709			ug/kg wet	N/A	5.0	<5.0							
Benzo (a) anthracene	7030709			ug/kg wet	N/A	5.0	<5.0							
Benzo (b) fluoranthene	7030709			ug/kg wet	N/A	5.0	<5.0							
Benzo (k) fluoranthene	7030709			ug/kg wet	N/A	5.0	<5.0							
Benzo (a) pyrene	7030709			ug/kg wet	N/A	5.0	<5.0							
Benzo (g,h,i) perylene	7030709			ug/kg wet	N/A	5.0	<5.0							
Chrysene	7030709			ug/kg wet	N/A	5.0	<5.0							
Dibenzo (a,h) anthracene	7030709			ug/kg wet	N/A	7.5	<7.5							
Fluoranthene	7030709			ug/kg wet	N/A	10	<10							
Fluorene	7030709			ug/kg wet	N/A	10	<10							
Indeno (1,2,3-cd) pyrene	7030709			ug/kg wet	N/A	5.0	<5.0							

BT2, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Eric Oelkers

Work Order: WQC0725
Project: 3320 Goodman Comm. Center
Project Number: 3320

Received: 03/22/07
Reported: 04/02/07 15:19

LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD RPD	RPD Limit	Q
PNAs by SW8310														
1-Methylnaphthalene	7030709			ug/kg wet	N/A	30	<30							
2-Methylnaphthalene	7030709			ug/kg wet	N/A	25	<25							
Naphthalene	7030709			ug/kg wet	N/A	30	<30							
Phenanthrene	7030709			ug/kg wet	N/A	5.0	<5.0							
Pyrene	7030709			ug/kg wet	N/A	5.0	<5.0							
Surrogate: 2-Fluorobiphenyl	7030709			ug/kg wet					98		62-124			

BT2, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Eric Oelkers

Work Order: WQC0725
Project: 3320 Goodman Comm. Center
Project Number: 3320

Received: 03/22/07
Reported: 04/02/07 15:19

CCV QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD RPD	RPD Limit	Q
Metals														
Arsenic	7C27009		5.0000	mg/L	N/A	N/A	5.13		103		90-110			
Cadmium	7C27009		5.0000	mg/L	N/A	N/A	5.23		105		90-110			
Chromium	7C27009		5.0000	mg/L	N/A	N/A	5.24		105		90-110			
Lead	7C27009		5.0000	mg/L	N/A	N/A	5.22		104		90-110			
Selenium	7C27009		5.0000	mg/L	N/A	N/A	5.11		102		90-110			
Mercury	7C28017		5.0000	mg/kg wet	N/A	N/A	4.71		94		90-110			
Mercury	7C28017		5.0000	mg/kg wet	N/A	N/A	4.88		98		90-110			
UST ANALYSIS PARAMETERS														
Diesel Range Organics	7C28014		1000.0	mg/kg wet	N/A	N/A	905		90		80-120			
Diesel Range Organics	7C28014		1000.0	mg/kg wet	N/A	N/A	1100		110		80-120			
VOCs by SW8260B														
Benzene	7C23011		2500.0	ug/kg wet	N/A	N/A	2410		96		80-120			
Bromobenzene	7C23011		2500.0	ug/kg wet	N/A	N/A	2410		96		80-120			
Bromochloromethane	7C23011		2500.0	ug/kg wet	N/A	N/A	2460		98		80-120			
Bromodichloromethane	7C23011		2500.0	ug/kg wet	N/A	N/A	2490		100		80-120			
Bromoform	7C23011		2500.0	ug/kg wet	N/A	N/A	2710		108		80-120			
Bromomethane	7C23011		2500.0	ug/kg wet	N/A	N/A	2340		94		80-120			
n-Butylbenzene	7C23011		2500.0	ug/kg wet	N/A	N/A	2460		98		80-120			
sec-Butylbenzene	7C23011		2500.0	ug/kg wet	N/A	N/A	2440		98		80-120			
tert-Butylbenzene	7C23011		2500.0	ug/kg wet	N/A	N/A	2440		98		80-120			
Carbon Tetrachloride	7C23011		2500.0	ug/kg wet	N/A	N/A	2270		91		80-120			
Chlorobenzene	7C23011		2500.0	ug/kg wet	N/A	N/A	2360		94		80-120			
Chlorodibromomethane	7C23011		2500.0	ug/kg wet	N/A	N/A	2690		108		80-120			
Chloroethane	7C23011		2500.0	ug/kg wet	N/A	N/A	2330		93		80-120			
Chloroform	7C23011		2500.0	ug/kg wet	N/A	N/A	2390		96		80-120			
Chloromethane	7C23011		2500.0	ug/kg wet	N/A	N/A	2240		90		80-120			
2-Chlorotoluene	7C23011		2500.0	ug/kg wet	N/A	N/A	2520		101		80-120			
4-Chlorotoluene	7C23011		2500.0	ug/kg wet	N/A	N/A	2690		108		80-120			
1,2-Dibromo-3-chloropropane	7C23011		2500.0	ug/kg wet	N/A	N/A	2670		107		80-120			
1,2-Dibromoethane (EDB)	7C23011		2500.0	ug/kg wet	N/A	N/A	2490		100		80-120			
Dibromomethane	7C23011		2500.0	ug/kg wet	N/A	N/A	2510		100		80-120			
1,2-Dichlorobenzene	7C23011		2500.0	ug/kg wet	N/A	N/A	2410		96		80-120			
1,3-Dichlorobenzene	7C23011		2500.0	ug/kg wet	N/A	N/A	2420		97		80-120			
1,4-Dichlorobenzene	7C23011		2500.0	ug/kg wet	N/A	N/A	2430		97		80-120			
Dichlorodifluoromethane	7C23011		2500.0	ug/kg wet	N/A	N/A	2330		93		80-120			L1
1,1-Dichloroethane	7C23011		2500.0	ug/kg wet	N/A	N/A	2320		93		80-120			
1,2-Dichloroethane	7C23011		2500.0	ug/kg wet	N/A	N/A	2410		96		80-120			
1,1-Dichloroethene	7C23011		2500.0	ug/kg wet	N/A	N/A	2350		94		80-120			
cis-1,2-Dichloroethene	7C23011		2500.0	ug/kg wet	N/A	N/A	2410		96		80-120			
trans-1,2-Dichloroethene	7C23011		2500.0	ug/kg wet	N/A	N/A	2390		96		80-120			
1,2-Dichloropropane	7C23011		2500.0	ug/kg wet	N/A	N/A	2370		95		80-120			
1,3-Dichloropropane	7C23011		2500.0	ug/kg wet	N/A	N/A	2460		98		80-120			
2,2-Dichloropropane	7C23011		2500.0	ug/kg wet	N/A	N/A	2370		95		80-120			

BT2, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Eric Oelkers

Work Order: WQC0725
Project: 3320 Goodman Comm. Center
Project Number: 3320

Received: 03/22/07
Reported: 04/02/07 15:19

CCV QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
VOCs by SW8260B														
1,1-Dichloropropene	7C23011		2500.0	ug/kg wet	N/A	N/A	2350		94		80-120			
cis-1,3-Dichloropropene	7C23011		2500.0	ug/kg wet	N/A	N/A	2490		100		80-120			
trans-1,3-Dichloropropene	7C23011		2500.0	ug/kg wet	N/A	N/A	2510		100		80-120			
2,3-Dichloropropene	7C23011		2500.0	ug/kg wet	N/A	N/A	2460		98		80-120			
Isopropyl Ether	7C23011		2500.0	ug/kg wet	N/A	N/A	2300		92		80-120			
Ethylbenzene	7C23011		2500.0	ug/kg wet	N/A	N/A	2260		90		80-120			
Hexachlorobutadiene	7C23011		2500.0	ug/kg wet	N/A	N/A	2480		99		80-120			
Isopropylbenzene	7C23011		2500.0	ug/kg wet	N/A	N/A	2400		96		80-120			
p-Isopropyltoluene	7C23011		2500.0	ug/kg wet	N/A	N/A	2500		100		80-120			
Methylene Chloride	7C23011		2500.0	ug/kg wet	N/A	N/A	2360		94		80-120			
Methyl tert-Butyl Ether	7C23011		2500.0	ug/kg wet	N/A	N/A	2380		95		80-120			
Naphthalene	7C23011		2500.0	ug/kg wet	N/A	N/A	2420		97		80-120			
n-Propylbenzene	7C23011		2500.0	ug/kg wet	N/A	N/A	2420		97		80-120			
Styrene	7C23011		2500.0	ug/kg wet	N/A	N/A	2390		96		80-120			
1,1,1,2-Tetrachloroethane	7C23011		2500.0	ug/kg wet	N/A	N/A	2440		98		80-120			
1,1,2,2-Tetrachloroethane	7C23011		2500.0	ug/kg wet	N/A	N/A	2360		94		80-120			
Tetrachloroethene	7C23011		2500.0	ug/kg wet	N/A	N/A	2400		96		80-120			
Toluene	7C23011		2500.0	ug/kg wet	N/A	N/A	2330		93		80-120			
1,2,3-Trichlorobenzene	7C23011		2500.0	ug/kg wet	N/A	N/A	2500		100		80-120			
1,2,4-Trichlorobenzene	7C23011		2500.0	ug/kg wet	N/A	N/A	2490		100		80-120			
1,1,1-Trichloroethane	7C23011		2500.0	ug/kg wet	N/A	N/A	2450		98		80-120			
1,1,2-Trichloroethane	7C23011		2500.0	ug/kg wet	N/A	N/A	2500		100		80-120			
Trichloroethene	7C23011		2500.0	ug/kg wet	N/A	N/A	2470		99		80-120			
Trichlorofluoromethane	7C23011		2500.0	ug/kg wet	N/A	N/A	2260		90		80-120			
1,2,3-Trichloropropane	7C23011		2500.0	ug/kg wet	N/A	N/A	2350		94		80-120			
1,2,4-Trimethylbenzene	7C23011		2500.0	ug/kg wet	N/A	N/A	2400		96		80-120			
1,3,5-Trimethylbenzene	7C23011		2500.0	ug/kg wet	N/A	N/A	2390		96		80-120			
Vinyl chloride	7C23011		2500.0	ug/kg wet	N/A	N/A	2360		94		80-120			
Xylenes, total	7C23011		7500.0	ug/kg wet	N/A	N/A	7240		97		80-120			
Surrogate: Dibromofluoromethane	7C23011			ug/kg wet					98		80-120			
Surrogate: Toluene-d8	7C23011			ug/kg wet					96		80-120			
Surrogate: 4-Bromofluorobenzene	7C23011			ug/kg wet					99		80-120			
PNAs by SW8310														
Acenaphthene	7C29007		5.0000	ug/L	N/A	N/A	5.00		100		85-115			
Acenaphthylene	7C29007		10.0000	ug/L	N/A	N/A	10.2		102		85-115			
Anthracene	7C29007		0.5000	ug/L	N/A	N/A	0.518		104		85-115			
			0											
Benzo (a) anthracene	7C29007		0.5000	ug/L	N/A	N/A	0.486		97		85-115			
			0											
Benzo (b) fluoranthene	7C29007		1.0000	ug/L	N/A	N/A	1.07		107		85-115			
Benzo (k) fluoranthene	7C29007		0.5000	ug/L	N/A	N/A	0.531		106		85-115			
			0											
Benzo (a) pyrene	7C29007		0.5000	ug/L	N/A	N/A	0.539		108		85-115			
			0											
Benzo (g,h,i) perylene	7C29007		1.0000	ug/L	N/A	N/A	1.04		104		85-115			
Chrysene	7C29007		0.5000	ug/L	N/A	N/A	0.496		99		85-115			
			0											
Dibenzo (a,h) anthracene	7C29007		1.0000	ug/L	N/A	N/A	1.06		106		85-115			
Fluoranthene	7C29007		1.0000	ug/L	N/A	N/A	0.994		99		85-115			

BT2, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Eric Oelkers

Work Order: WQC0725
Project: 3320 Goodman Comm. Center
Project Number: 3320

Received: 03/22/07
Reported: 04/02/07 15:19

CCV QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD RPD	Limit	Q
PNAs by SW8310														
Fluorene	7C29007		1.0000	ug/L	N/A	N/A	1.04		104		85-115			
Indeno (1,2,3-cd) pyrene	7C29007		0.5000	ug/L	N/A	N/A	0.498		100		85-115			
			0											
1-Methylnaphthalene	7C29007		5.0000	ug/L	N/A	N/A	4.97		99		85-115			
2-Methylnaphthalene	7C29007		5.0000	ug/L	N/A	N/A	4.66		93		85-115			
Naphthalene	7C29007		5.0000	ug/L	N/A	N/A	4.99		100		85-115			
Phenanthrene	7C29007		0.5000	ug/L	N/A	N/A	0.513		103		85-115			
			0											
Pyrene	7C29007		0.5000	ug/L	N/A	N/A	0.498		100		85-115			
			0											
Surrogate: 2-Fluorobiphenyl	7C29007			ug/L					100		85-115			

BT2, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Eric Oelkers

Work Order: WQC0725
Project: 3320 Goodman Comm. Center
Project Number: 3320

Received: 03/22/07
Reported: 04/02/07 15:19

LABORATORY DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	% REC	Dup %REC	% REC Limits	RPD RPD	RPD Limit	Q
General Chemistry Parameters													
QC Source Sample: WQC0770-06													
% Solids	7030744	86		%	N/A	N/A	85.7				0	20	
QC Source Sample: WQC0772-05													
% Solids	7030744	88		%	N/A	N/A	87.6				1	20	
Metals													
QC Source Sample: WQC0725-01													
Mercury	7030768	0.011		mg/kg dry	N/A	0.012	0.0118				7	24	

BT2, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Eric Oelkers

Work Order: WQC0725
Project: 3320 Goodman Comm. Center
Project Number: 3320

Received: 03/22/07
Reported: 04/02/07 15:19

LCS/LCS DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
Metals														
Arsenic	7030679		50.000	mg/kg wet	N/A	2.2	47.4		95		85-112			
Barium	7030679		25.000	mg/kg wet	N/A	0.11	23.7		95		78-110			
Cadmium	7030679		25.000	mg/kg wet	N/A	0.10	23.7		95		83-109			
Chromium	7030679		25.000	mg/kg wet	N/A	0.18	23.9		96		84-110			
Lead	7030679		50.000	mg/kg wet	N/A	1.2	48.2		96		84-110			
Selenium	7030679		100.00	mg/kg wet	N/A	4.0	93.6		94		79-104			
Silver	7030679		25.000	mg/kg wet	N/A	0.11	25.1		100		74-116			
Mercury	7030768		0.2500	mg/kg wet	N/A	0.010	0.235		94		76-133			
			0											

UST ANALYSIS PARAMETERS

Diesel Range Organics	7030749		80.000	mg/kg wet	N/A	5.0	64.6	62.0	81	78	70-120	4	20	
VOCs by SW8260B														
Benzene	7030656		2500.0	ug/kg wet	N/A	N/A	2370	2470	95	99	64-124	4	29	
Bromobenzene	7030656		2500.0	ug/kg wet	N/A	N/A	2300	2330	92	93	70-130	1	20	
Bromochloromethane	7030656		2500.0	ug/kg wet	N/A	N/A	2340	2500	94	100	70-130	7	20	
Bromodichloromethane	7030656		2500.0	ug/kg wet	N/A	N/A	2490	2430	100	97	70-130	2	20	
Bromoform	7030656		2500.0	ug/kg wet	N/A	N/A	2670	2570	107	103	70-130	4	20	
Bromomethane	7030656		2500.0	ug/kg wet	N/A	N/A	2850	2700	114	108	70-130	5	20	
n-Butylbenzene	7030656		2500.0	ug/kg wet	N/A	N/A	2210	2220	88	89	70-130	1	20	
sec-Butylbenzene	7030656		2500.0	ug/kg wet	N/A	N/A	2220	2500	89	100	70-130	12	20	
tert-Butylbenzene	7030656		2500.0	ug/kg wet	N/A	N/A	2240	2570	90	103	70-130	14	20	
Carbon Tetrachloride	7030656		2500.0	ug/kg wet	N/A	N/A	2110	2160	84	86	70-130	2	20	
Chlorobenzene	7030656		2500.0	ug/kg wet	N/A	N/A	2400	2260	96	90	80-123	6	17	
Chlorodibromomethane	7030656		2500.0	ug/kg wet	N/A	N/A	2430	2630	97	105	70-130	8	20	
Chloroethane	7030656		2500.0	ug/kg wet	N/A	N/A	2720	2910	109	116	70-130	7	20	
Chloroform	7030656		2500.0	ug/kg wet	N/A	N/A	2460	2440	98	98	70-130	1	20	
Chloromethane	7030656		2500.0	ug/kg wet	N/A	N/A	3050	2720	122	109	70-130	11	20	
2-Chlorotoluene	7030656		2500.0	ug/kg wet	N/A	N/A	2550	2390	102	96	70-130	6	20	
4-Chlorotoluene	7030656		2500.0	ug/kg wet	N/A	N/A	2660	2380	106	95	70-130	11	20	
1,2-Dibromo-3-chloropropane	7030656		2500.0	ug/kg wet	N/A	N/A	2480	2660	99	106	70-130	7	20	
1,2-Dibromoethane (EDB)	7030656		2500.0	ug/kg wet	N/A	N/A	2450	2440	98	98	70-130	0	20	
Dibromomethane	7030656		2500.0	ug/kg wet	N/A	N/A	2440	2420	98	97	70-130	1	20	
1,2-Dichlorobenzene	7030656		2500.0	ug/kg wet	N/A	N/A	2280	2280	91	91	70-130	0	20	
1,3-Dichlorobenzene	7030656		2500.0	ug/kg wet	N/A	N/A	2270	2210	91	88	70-130	3	20	
1,4-Dichlorobenzene	7030656		2500.0	ug/kg wet	N/A	N/A	2270	2200	91	88	70-130	3	20	
Dichlorodifluoromethane	7030656		2500.0	ug/kg wet	N/A	N/A	3250	3380	130	135	70-130	4	20	L1
1,1-Dichloroethane	7030656		2500.0	ug/kg wet	N/A	N/A	2440	2380	98	95	70-130	2	20	
1,2-Dichloroethane	7030656		2500.0	ug/kg wet	N/A	N/A	2440	2410	98	96	70-130	1	20	
1,1-Dichloroethene	7030656		2500.0	ug/kg wet	N/A	N/A	2510	2500	100	100	43-141	0	44	
cis-1,2-Dichloroethene	7030656		2500.0	ug/kg wet	N/A	N/A	2420	2380	97	95	70-130	2	20	
trans-1,2-Dichloroethene	7030656		2500.0	ug/kg wet	N/A	N/A	2450	2410	98	96	70-130	2	20	
1,2-Dichloropropane	7030656		2500.0	ug/kg wet	N/A	N/A	2300	2310	92	92	70-130	0	20	
1,3-Dichloropropane	7030656		2500.0	ug/kg wet	N/A	N/A	2420	2380	97	95	70-130	2	20	
2,2-Dichloropropane	7030656		2500.0	ug/kg wet	N/A	N/A	2380	2240	95	90	70-130	6	20	
1,1-Dichloropropene	7030656		2500.0	ug/kg wet	N/A	N/A	2370	2360	95	94	70-130	0	20	
cis-1,3-Dichloropropene	7030656		2500.0	ug/kg wet	N/A	N/A	2510	2370	100	95	70-130	6	20	
trans-1,3-Dichloropropene	7030656		2500.0	ug/kg wet	N/A	N/A	2480	2360	99	94	70-130	5	20	

BT2, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Eric Oelkers

Work Order: WQC0725
Project: 3320 Goodman Comm. Center
Project Number: 3320

Received: 03/22/07
Reported: 04/02/07 15:19

LCS/LCS DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
VOCs by SW8260B														
Ethylbenzene	7030656		2500.0	ug/kg wet	N/A	N/A	2240	2280	90	91	79-122	2	17	
Hexachlorobutadiene	7030656		2500.0	ug/kg wet	N/A	N/A	2310	2380	92	95	70-130	3	20	
Isopropylbenzene	7030656		2500.0	ug/kg wet	N/A	N/A	2320	2370	93	95	70-130	2	20	
p-Isopropyltoluene	7030656		2500.0	ug/kg wet	N/A	N/A	2350	2430	94	97	70-130	3	20	
Methylene Chloride	7030656		2500.0	ug/kg wet	N/A	N/A	2470	2430	99	97	70-130	2	20	
Methyl tert-Butyl Ether	7030656		2406.2	ug/kg wet	N/A	N/A	2450	2370	102	98	55-137	3	36	
Naphthalene	7030656		2500.0	ug/kg wet	N/A	N/A	2390	2270	96	91	70-130	5	20	
n-Propylbenzene	7030656		2500.0	ug/kg wet	N/A	N/A	2400	2280	96	91	70-130	5	20	
Styrene	7030656		2500.0	ug/kg wet	N/A	N/A	2320	2350	93	94	70-130	1	20	
1,1,1,2-Tetrachloroethane	7030656		2500.0	ug/kg wet	N/A	N/A	2430	2430	97	97	70-130	0	20	
1,1,2,2-Tetrachloroethane	7030656		2500.0	ug/kg wet	N/A	N/A	2370	2280	95	91	70-130	4	20	
Tetrachloroethene	7030656		2500.0	ug/kg wet	N/A	N/A	2370	2300	95	92	70-130	3	20	
Toluene	7030656		2500.0	ug/kg wet	N/A	N/A	2390	2350	96	94	78-120	2	18	
1,2,3-Trichlorobenzene	7030656		2500.0	ug/kg wet	N/A	N/A	2240	2220	90	89	70-130	1	20	
1,2,4-Trichlorobenzene	7030656		2500.0	ug/kg wet	N/A	N/A	2160	2050	86	82	70-130	5	20	
1,1,1-Trichloroethane	7030656		2500.0	ug/kg wet	N/A	N/A	2420	2520	97	101	70-130	4	20	
1,1,2-Trichloroethane	7030656		2500.0	ug/kg wet	N/A	N/A	2400	2410	96	96	70-130	0	20	
Trichloroethene	7030656		2500.0	ug/kg wet	N/A	N/A	2380	2520	95	101	78-124	6	20	
Trichlorofluoromethane	7030656		2500.0	ug/kg wet	N/A	N/A	2590	2580	104	103	70-130	0	20	
1,2,3-Trichloropropane	7030656		2500.0	ug/kg wet	N/A	N/A	2340	2280	94	91	70-130	3	20	
1,2,4-Trimethylbenzene	7030656		2500.0	ug/kg wet	N/A	N/A	2340	2210	94	88	75-128	6	20	
1,3,5-Trimethylbenzene	7030656		2500.0	ug/kg wet	N/A	N/A	2290	2280	92	91	76-127	0	19	
Vinyl chloride	7030656		2500.0	ug/kg wet	N/A	N/A	2800	2690	112	108	70-130	4	20	
Xylenes, total	7030656		7500.0	ug/kg wet	N/A	N/A	6960	7100	93	95	79-122	2	17	
Surrogate: Dibromofluoromethane	7030656			ug/kg wet					100	99	82-112			
Surrogate: Toluene-d8	7030656			ug/kg wet					101	96	91-106			
Surrogate: 4-Bromofluorobenzene	7030656			ug/kg wet					101	96	89-110			
PNAs by SW8310														
Acenaphthene	7030709		400.00	ug/kg wet	N/A	50	380		95		68-111			
Acenaphthylene	7030709		800.00	ug/kg wet	N/A	85	760		95		70-110			
Anthracene	7030709		40.000	ug/kg wet	N/A	5.0	39.1		98		69-119			
Benzo (a) anthracene	7030709		40.000	ug/kg wet	N/A	5.0	38.9		97		64-122			
Benzo (b) fluoranthene	7030709		80.000	ug/kg wet	N/A	5.0	84.9		106		78-127			
Benzo (k) fluoranthene	7030709		40.000	ug/kg wet	N/A	5.0	43.4		108		81-127			
Benzo (a) pyrene	7030709		40.000	ug/kg wet	N/A	5.0	36.7		92		71-121			
Benzo (g,h,i) perylene	7030709		80.000	ug/kg wet	N/A	5.0	82.7		103		66-132			
Chrysene	7030709		40.000	ug/kg wet	N/A	5.0	40.0		100		72-119			
Dibenzo (a,h) anthracene	7030709		80.000	ug/kg wet	N/A	7.5	84.7		106		65-136			
Fluoranthene	7030709		80.000	ug/kg wet	N/A	10	77.7		97		68-129			
Fluorene	7030709		80.000	ug/kg wet	N/A	10	78.3		98		64-120			
Indeno (1,2,3-cd) pyrene	7030709		40.000	ug/kg wet	N/A	5.0	41.1		103		64-131			
1-Methylnaphthalene	7030709		400.00	ug/kg wet	N/A	30	374		94		69-106			
2-Methylnaphthalene	7030709		400.00	ug/kg wet	N/A	25	348		87		62-105			
Naphthalene	7030709		400.00	ug/kg wet	N/A	30	365		91		68-109			

BT2, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Eric Oelkers

Work Order: WQC0725
Project: 3320 Goodman Comm. Center
Project Number: 3320

Received: 03/22/07
Reported: 04/02/07 15:19

LCS/LCS DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD RPD	Limit	Q
PNAs by SW8310														
Phenanthrene	7030709		40.000	ug/kg wet	N/A	5.0	40.9		102		73-125			
Pyrene	7030709		40.000	ug/kg wet	N/A	5.0	39.2		98		74-125			
Surrogate: 2-Fluorobiphenyl	7030709			ug/kg wet					92		61-115			

BT2, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Eric Oelkers

Work Order: WQC0725
Project: 3320 Goodman Comm. Center
Project Number: 3320

Received: 03/22/07
Reported: 04/02/07 15:19

MATRIX SPIKE/MATRIX SPIKE DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD RPD	RPD Limit	Q
Metals														
QC Source Sample: WQC0707-01														
Arsenic	7030679	5.0	282.49	mg/kg dry	N/A	12	270	276	94	96	67-127	2	21	
Barium	7030679	520	141.24	mg/kg dry	N/A	0.62	662	653	101	94	57-124	1	32	
Cadmium	7030679	1.7	141.24	mg/kg dry	N/A	0.56	132	132	92	92	65-118	0	18	
Chromium	7030679	45	141.24	mg/kg dry	N/A	1.0	177	178	93	94	63-122	1	21	
Lead	7030679	36	282.49	mg/kg dry	N/A	6.8	296	296	92	92	67-120	0	18	
Selenium	7030679	2.4	564.97	mg/kg dry	N/A	23	554	539	98	95	63-120	3	21	
Silver	7030679	5.8	141.24	mg/kg dry	N/A	0.62	146	143	99	97	65-121	2	30	
QC Source Sample: WQC0673-08														
Mercury	7030768	1.4	6.8120	mg/kg dry	N/A	0.27	6.33	6.73	72	78	56-140	6	24	

BT2, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Eric Oelkers

Work Order: WQC0725
Project: 3320 Goodman Comm. Center
Project Number: 3320

Received: 03/22/07
Reported: 04/02/07 15:19

CERTIFICATION SUMMARY

TestAmerica - Watertown, WI

Method	Matrix	Nelac	Wisconsin
EPA 245.5	Solid/Soil		X
SW 5035	Solid/Soil	X	X
SW 6010B	Solid/Soil	X	X
SW 8260B	Solid/Soil	X	X
SW 8310	Solid/Soil	X	X
WDNR DRO	Solid/Soil	X	X

DATA QUALIFIERS AND DEFINITIONS

L1 Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits.

ADDITIONAL COMMENTS

Results are reported on a wet weight basis unless otherwise noted.

ANALYTICAL TESTING CORPORATION

Phone 920-261-1660 or 800-833-7036
Fax 920-261-8120

To assist us in using the proper analytical methods,
is this work being conducted for regulatory purposes?
Compliance Monitoring

Sampler Signature: Eric O. Khan

Quote #: PO#:

[illegible]

1. 1. 1.

June 18, 2007

Client: BT2, INC.
2830 Dairy Drive
Madison, WI 53718

Work Order: WQF0228
Project Name: 3320 Goodman Comm. Center
Project Number: 3320

Attn: Mr. Eric Oelkers

Date Received: 06/06/07

An executed copy of the chain of custody is also included as an addendum to this report.

If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-833-7036

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
D-8	WQF0228-01	06/04/07 11:35
C-8	WQF0228-02	06/04/07 11:45
D-7	WQF0228-03	06/04/07 11:55
D-6	WQF0228-04	06/04/07 12:02

SW 8082 analysis performed at Lab ID: 999917270

Samples were received into laboratory on ice.

Wisconsin Certification Number: 128053530

The Chain of Custody, 1 page, is included and is an integral part of this report.

Unless subcontracted, volatiles analyses (including VOC, PVOC, GRO, BTEX, and TPH gasoline) performed by TestAmerica Watertown at 1101 Industrial Drive, Units 9&10. All other analyses performed at the address shown in the heading of this report.

Approved By:



BT2, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Eric Oelkers

Work Order: WQF0228
Project: 3320 Goodman Comm. Center
Project Number: 3320

Received: 06/06/07
Reported: 06/18/07 15:13

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WQF0228-01 (D-8 - Soil)						Sampled: 06/04/07 11:35			
Organochlorine Pesticides/PCBs									
PCB-1016	<0.283		mg/kg wet	0.050	5.66	06/12/07 22:38	kkp	7060434	SW 8082
PCB-1221	<0.283		mg/kg wet	0.050	5.66	06/12/07 22:38	kkp	7060434	SW 8082
PCB-1232	<0.283		mg/kg wet	0.050	5.66	06/12/07 22:38	kkp	7060434	SW 8082
PCB-1242	<0.283		mg/kg wet	0.050	5.66	06/12/07 22:38	kkp	7060434	SW 8082
PCB-1248	<0.283		mg/kg wet	0.050	5.66	06/12/07 22:38	kkp	7060434	SW 8082
PCB-1254	9.85		mg/kg wet	0.050	56.6	06/13/07 18:15	dlk	7060434	SW 8082
PCB-1260	<0.283		mg/kg wet	0.050	5.66	06/12/07 22:38	kkp	7060434	SW 8082
PCB-1268	<0.283		mg/kg wet	0.050	5.66	06/12/07 22:38	kkp	7060434	SW 8082
Surr: Decachlorobiphenyl (59-140%)	24 %	Z6							
Surr: Tetrachloro-meta-xylene (46-136%)	81 %								
Sample ID: WQF0228-02 (C-8 - Soil)						Sampled: 06/04/07 11:45			
Organochlorine Pesticides/PCBs									
PCB-1016	<0.299		mg/kg wet	0.050	5.98	06/12/07 23:19	kkp	7060434	SW 8082
PCB-1221	<0.299		mg/kg wet	0.050	5.98	06/12/07 23:19	kkp	7060434	SW 8082
PCB-1232	<0.299		mg/kg wet	0.050	5.98	06/12/07 23:19	kkp	7060434	SW 8082
PCB-1242	<0.299		mg/kg wet	0.050	5.98	06/12/07 23:19	kkp	7060434	SW 8082
PCB-1248	<0.299		mg/kg wet	0.050	5.98	06/12/07 23:19	kkp	7060434	SW 8082
PCB-1254	2.52		mg/kg wet	0.050	5.98	06/13/07 18:58	dlk	7060434	SW 8082
PCB-1260	<0.299		mg/kg wet	0.050	5.98	06/12/07 23:19	kkp	7060434	SW 8082
PCB-1268	<0.299		mg/kg wet	0.050	5.98	06/12/07 23:19	kkp	7060434	SW 8082
Surr: Decachlorobiphenyl (59-140%)	39 %	Z6							
Surr: Tetrachloro-meta-xylene (46-136%)	87 %								
Sample ID: WQF0228-03 (D-7 - Soil)						Sampled: 06/04/07 11:55			
Organochlorine Pesticides/PCBs									
PCB-1016	<0.299		mg/kg wet	0.050	5.99	06/13/07 00:00	kkp	7060434	SW 8082
PCB-1221	<0.299		mg/kg wet	0.050	5.99	06/13/07 00:00	kkp	7060434	SW 8082
PCB-1232	<0.299		mg/kg wet	0.050	5.99	06/13/07 00:00	kkp	7060434	SW 8082
PCB-1242	<0.299		mg/kg wet	0.050	5.99	06/13/07 00:00	kkp	7060434	SW 8082
PCB-1248	<0.299		mg/kg wet	0.050	5.99	06/13/07 00:00	kkp	7060434	SW 8082
PCB-1254	1.52		mg/kg wet	0.050	5.99	06/13/07 19:40	dlk	7060434	SW 8082
PCB-1260	<0.299		mg/kg wet	0.050	5.99	06/13/07 00:00	kkp	7060434	SW 8082
PCB-1268	<0.299		mg/kg wet	0.050	5.99	06/13/07 00:00	kkp	7060434	SW 8082
Surr: Decachlorobiphenyl (59-140%)	46 %	Z6							
Surr: Tetrachloro-meta-xylene (46-136%)	75 %								
Sample ID: WQF0228-04 (D-6 - Soil)						Sampled: 06/04/07 12:02			
Organochlorine Pesticides/PCBs									
PCB-1016	<0.298		mg/kg wet	0.050	5.97	06/13/07 00:40	kkp	7060434	SW 8082
PCB-1221	<0.298		mg/kg wet	0.050	5.97	06/13/07 00:40	kkp	7060434	SW 8082
PCB-1232	<0.298		mg/kg wet	0.050	5.97	06/13/07 00:40	kkp	7060434	SW 8082
PCB-1242	<0.298		mg/kg wet	0.050	5.97	06/13/07 00:40	kkp	7060434	SW 8082
PCB-1248	<0.298		mg/kg wet	0.050	5.97	06/13/07 00:40	kkp	7060434	SW 8082
PCB-1254	1.47		mg/kg wet	0.050	5.97	06/13/07 20:23	dlk	7060434	SW 8082
PCB-1260	<0.298		mg/kg wet	0.050	5.97	06/13/07 00:40	kkp	7060434	SW 8082
PCB-1268	<0.298		mg/kg wet	0.050	5.97	06/13/07 00:40	kkp	7060434	SW 8082
Surr: Decachlorobiphenyl (59-140%)	35 %	Z6							
Surr: Tetrachloro-meta-xylene (46-136%)	90 %								

BT2, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Eric Oelkers

Work Order: WQF0228
Project: 3320 Goodman Comm. Center
Project Number: 3320

Received: 06/06/07
Reported: 06/18/07 15:13

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Organochlorine Pesticides/PCBs							
SW 8082	7060434	WQF0228-01	5	10	06/11/07 10:48	SLT	SW 3550B GC
SW 8082	7060434	WQF0228-02	5	10	06/11/07 10:48	SLT	SW 3550B GC
SW 8082	7060434	WQF0228-03	5	10	06/11/07 10:48	SLT	SW 3550B GC
SW 8082	7060434	WQF0228-04	5	10	06/11/07 10:48	SLT	SW 3550B GC

BT2. INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Eric Oelkers

Work Order: WQF0228
Project: 3320 Goodman Comm. Center
Project Number: 3320

Received: 06/06/07
Reported: 06/18/07 15:13

LCS/LCS DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	Limit	Q
Organochlorine Pesticides/PCBs														
PCB-1248	7060434		0.167	mg/kg wet	N/A	0.0500	0.122	0.108	73	65	41-131	12	20	
Surrogate: Decachlorobiphenyl	7060434			mg/kg wet					102	101	59-140			
Surrogate: Tetrachloro-meta-xylene	7060434			mg/kg wet					74	62	46-136			

BT2, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Eric Oelkers

Work Order: WQF0228
Project: 3320 Goodman Comm. Center
Project Number: 3320

Received: 06/06/07
Reported: 06/18/07 15:13

CERTIFICATION SUMMARY

Subcontracted Laboratories

TestAmerica Analytical - Cedar Falls NELAC Cert #000668, Wisconsin Cert #999917270, Illinois Cert #000668, Minnesota Cert #019-999-319, Iowa Cert #007

704 Enterprise Drive - Cedar Falls, IA 50613

Method Performed: SW 8082

Samples: WQF0228-01, WQF0228-01 RE1, WQF0228-02, WQF0228-02RE1, WQF0228-03, WQF0228-03RE1,
WQF0228-04, WQF0228-04 RE1

DATA QUALIFIERS AND DEFINITIONS

Z6 Surrogate recovery was outside control limits.

ADDITIONAL COMMENTS

Results are reported on a wet weight basis unless otherwise noted.



1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 885818

Client: CITY OF MADISON - DEPT OF ENG.

Lab Contact: Brian Basten

Project Name: 149 WAUBESA

Project Number:

Lab Sample Number	Field ID	Matrix	Collection Date
885818-001	HAB1	SOIL	07/06/07 09:40
885818-002	HAB2	SOIL	07/06/07 10:05
885818-003	HAB3	SOIL	07/06/07 10:25

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Results reported herein conform to the most current NELAP standards, where applicable, unless otherwise narrated in the body of the report.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc..



Approval Signature

Date

7-18-07

Page 1 of 12

**Pace Analytical
Services, Inc.**

Analytical Report Number: 885818

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : CITY OF MADISON - DEPT OF ENG.

Project Name : 149 WAUBESA

Project Number :

Field ID : HAB1

Matrix Type : SOIL

Collection Date : 07/06/07

Report Date : 07/18/07

Lab Sample Number : 885818-001

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Arsenic	5.4	0.31	1.0		1	mg/Kg		07/13/07 02:56 PM	SW846 3050B	SW846 6010B
								Prep Date/Time: 07/12/07 08:10 AM	Anl By: DLB	
Barium	95	0.055	0.18		1	mg/Kg		07/13/07 02:56 PM	SW846 3050B	SW846 6010B
								Prep Date/Time: 07/12/07 08:10 AM	Anl By: DLB	
Cadmium	0.69	0.022	0.074		1	mg/Kg		07/13/07 02:56 PM	SW846 3050B	SW846 6010B
								Prep Date/Time: 07/12/07 08:10 AM	Anl By: DLB	
Chromium	12	0.050	0.17		1	mg/Kg		07/13/07 02:56 PM	SW846 3050B	SW846 6010B
								Prep Date/Time: 07/12/07 08:10 AM	Anl By: DLB	
Lead	320	0.22	0.72		1	mg/Kg		07/13/07 02:56 PM	SW846 3050B	SW846 6010B
								Prep Date/Time: 07/12/07 08:10 AM	Anl By: DLB	
Mercury	0.94	0.0091	0.030		5	mg/Kg		07/11/07 10:09 PM	SW846 7471A	SW846 7471A
								Prep Date/Time: 07/11/07 03:07 PM	Anl By: MSB	
Selenium	< 0.51	0.51	1.7		1	mg/Kg		07/17/07 03:04 PM	SW846 3050B	SW846 6010B
								Prep Date/Time: 07/12/07 08:10 AM	Anl By: DLB	
Silver	< 0.092	0.092	0.31		1	mg/Kg		07/13/07 02:56 PM	SW846 3050B	SW846 6010B
								Prep Date/Time: 07/12/07 08:10 AM	Anl By: DLB	
Percent Solids	90.3				1	%		07/11/07	SM M2540G	SM M2540G
								Prep Date/Time:	Anl By: KJL	

PAH/PNA

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
1-Methylnaphthalene	60	3.3	11		1	ug/Kg		07/17/07 9:40 AM	SW846 3545	8270C-SIM
2-Methylnaphthalene	72	3.5	12		1	ug/Kg		07/17/07 9:40 AM	SW846 3545	8270C-SIM
Acenaphthene	10	3.3	11		1	ug/Kg	Q	07/17/07 9:40 AM	SW846 3545	8270C-SIM
Acenaphthylene	7.7	3.2	11		1	ug/Kg	Q	07/17/07 9:40 AM	SW846 3545	8270C-SIM
Anthracene	39	3.9	13		1	ug/Kg		07/17/07 9:40 AM	SW846 3545	8270C-SIM
Benzo(a)anthracene	56	5.9	20		1	ug/Kg		07/17/07 9:40 AM	SW846 3545	8270C-SIM
Benzo(a)pyrene	55	3.2	11		1	ug/Kg		07/17/07 9:40 AM	SW846 3545	8270C-SIM
Benzo(b)fluoranthene	57	3.1	10		1	ug/Kg		07/17/07 9:40 AM	SW846 3545	8270C-SIM
Benzo(ghi)perylene	49	3.9	13		1	ug/Kg		07/17/07 9:40 AM	SW846 3545	8270C-SIM
Benzo(k)fluoranthene	51	3.4	11		1	ug/Kg		07/17/07 9:40 AM	SW846 3545	8270C-SIM
Chrysene	71	4.8	16		1	ug/Kg		07/17/07 9:40 AM	SW846 3545	8270C-SIM
Dibenz(a,h)anthracene	13	3.0	10		1	ug/Kg		07/17/07 9:40 AM	SW846 3545	8270C-SIM
Fluoranthene	150	3.2	11		1	ug/Kg		07/17/07 9:40 AM	SW846 3545	8270C-SIM
Fluorene	6.4	3.8	13		1	ug/Kg	Q	07/17/07 9:40 AM	SW846 3545	8270C-SIM
Indeno(1,2,3-cd)pyrene	27	2.8	9.3		1	ug/Kg		07/17/07 9:40 AM	SW846 3545	8270C-SIM
Naphthalene	30	4.4	15		1	ug/Kg		07/17/07 9:40 AM	SW846 3545	8270C-SIM
Phenanthrene	190	3.3	11		1	ug/Kg		07/17/07 9:40 AM	SW846 3545	8270C-SIM
Pyrene	110	2.7	9.1		1	ug/Kg		07/17/07 9:40 AM	SW846 3545	8270C-SIM
Surrogate		LCL	UCL							
Nitrobenzene-d5	40	10	141		1	%		07/17/07	SW846 3545	8270C-SIM
2-Fluorobiphenyl	39	10	161		1	%		07/17/07	SW846 3545	8270C-SIM
Terphenyl-d14	36	29	150		1	%		07/17/07	SW846 3545	8270C-SIM

**Pace Analytical
Services, Inc.**

Analytical Report Number: 885818

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : CITY OF MADISON - DEPT OF ENG.
Project Name : 149 WAUBESA
Project Number :
Field ID : HAB2

Matrix Type : SOIL
Collection Date : 07/06/07
Report Date : 07/18/07
Lab Sample Number : 885818-002

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Arsenic	4.7	0.61	2.0		2	mg/Kg		07/14/07 02:59 AM	SW846 3050B	SW846 6010B
								Prep Date/Time: 07/12/07 08:10 AM	Anl By: DLB	
Barium	51	0.055	0.18		1	mg/Kg		07/13/07 03:01 PM	SW846 3050B	SW846 6010B
								Prep Date/Time: 07/12/07 08:10 AM	Anl By: DLB	
Cadmium	0.60	0.044	0.15		2	mg/Kg		07/17/07 03:09 PM	SW846 3050B	SW846 6010B
								Prep Date/Time: 07/12/07 08:10 AM	Anl By: DLB	
Chromium	19	0.050	0.17		1	mg/Kg		07/13/07 03:01 PM	SW846 3050B	SW846 6010B
								Prep Date/Time: 07/12/07 08:10 AM	Anl By: DLB	
Lead	110	0.43	1.4		2	mg/Kg		07/14/07 02:59 AM	SW846 3050B	SW846 6010B
								Prep Date/Time: 07/12/07 08:10 AM	Anl By: DLB	
Mercury	0.034	0.0018	0.0060		1	mg/Kg	A	07/11/07 09:55 PM	SW846 7471A	SW846 7471A
								Prep Date/Time: 07/11/07 03:07 PM	Anl By: MSB	
Selenium	< 1.0	1.0	3.4		2	mg/Kg	C	07/17/07 03:09 PM	SW846 3050B	SW846 6010B
								Prep Date/Time: 07/12/07 08:10 AM	Anl By: DLB	
Silver	< 0.092	0.092	0.31		1	mg/Kg		07/13/07 03:01 PM	SW846 3050B	SW846 6010B
								Prep Date/Time: 07/12/07 08:10 AM	Anl By: DLB	
Percent Solids	91.0				1	%		07/11/07	SM M2540G	SM M2540G
								Prep Date/Time:	Anl By: KJL	

PAH/PNA

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
1-Methylnaphthalene	140	3.3	11		1	ug/Kg		07/17/07 11:13 AM	SW846 3545	8270C-SIM
2-Methylnaphthalene	220	3.4	11		1	ug/Kg		07/17/07 11:13 AM	SW846 3545	8270C-SIM
Acenaphthene	6.5	3.3	11		1	ug/Kg	Q	07/17/07 11:13 AM	SW846 3545	8270C-SIM
Acenaphthylene	10	3.2	11		1	ug/Kg	Q	07/17/07 11:13 AM	SW846 3545	8270C-SIM
Anthracene	51	3.9	13		1	ug/Kg		07/17/07 11:13 AM	SW846 3545	8270C-SIM
Benzo(a)anthracene	84	5.8	19		1	ug/Kg		07/17/07 11:13 AM	SW846 3545	8270C-SIM
Benzo(a)pyrene	81	3.2	11		1	ug/Kg		07/17/07 11:13 AM	SW846 3545	8270C-SIM
Benzo(b)fluoranthene	83	3.1	10		1	ug/Kg		07/17/07 11:13 AM	SW846 3545	8270C-SIM
Benzo(ghi)perylene	66	3.9	13		1	ug/Kg		07/17/07 11:13 AM	SW846 3545	8270C-SIM
Benzo(k)fluoranthene	67	3.4	11		1	ug/Kg		07/17/07 11:13 AM	SW846 3545	8270C-SIM
Chrysene	110	4.8	16		1	ug/Kg		07/17/07 11:13 AM	SW846 3545	8270C-SIM
Dibenz(a,h)anthracene	27	3.0	10		1	ug/Kg		07/17/07 11:13 AM	SW846 3545	8270C-SIM
Fluoranthene	160	3.2	11		1	ug/Kg		07/17/07 11:13 AM	SW846 3545	8270C-SIM
Fluorene	6.8	3.8	13		1	ug/Kg	Q	07/17/07 11:13 AM	SW846 3545	8270C-SIM
Indeno(1,2,3-cd)pyrene	35	2.8	9.2		1	ug/Kg		07/17/07 11:13 AM	SW846 3545	8270C-SIM
Naphthalene	93	4.4	15		1	ug/Kg		07/17/07 11:13 AM	SW846 3545	8270C-SIM
Phenanthrene	300	3.2	11		1	ug/Kg		07/17/07 11:13 AM	SW846 3545	8270C-SIM
Pyrene	220	2.7	9.0		1	ug/Kg		07/17/07 11:13 AM	SW846 3545	8270C-SIM
Surrogate		LCL	UCL							
Nitrobenzene-d5	73	10	141		1	%		07/17/07	SW846 3545	8270C-SIM
2-Fluorobiphenyl	73	10	161		1	%		07/17/07	SW846 3545	8270C-SIM
Terphenyl-d14	64	29	150		1	%		07/17/07	SW846 3545	8270C-SIM

**Pace Analytical
Services, Inc.**

Analytical Report Number: 885818

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : CITY OF MADISON - DEPT OF ENG.

Project Name : 149 WAUBESA

Project Number :

Field ID : HAB3

Matrix Type : SOIL

Collection Date : 07/06/07

Report Date : 07/18/07

Lab Sample Number : 885818-003

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Arsenic	7.8	0.32	1.1		1	mg/Kg		07/13/07 03:06 PM	SW846 3050B	SW846 6010B
								Prep Date/Time: 07/12/07 08:10 AM	Anl By: DLB	
Barium	100	0.058	0.19		1	mg/Kg		07/13/07 03:06 PM	SW846 3050B	SW846 6010B
								Prep Date/Time: 07/12/07 08:10 AM	Anl By: DLB	
Cadmium	2.0	0.023	0.077		1	mg/Kg		07/13/07 03:06 PM	SW846 3050B	SW846 6010B
								Prep Date/Time: 07/12/07 08:10 AM	Anl By: DLB	
Chromium	15	0.052	0.17		1	mg/Kg		07/13/07 03:06 PM	SW846 3050B	SW846 6010B
								Prep Date/Time: 07/12/07 08:10 AM	Anl By: DLB	
Lead	430	0.23	0.75		1	mg/Kg		07/13/07 03:06 PM	SW846 3050B	SW846 6010B
								Prep Date/Time: 07/12/07 08:10 AM	Anl By: DLB	
Mercury	0.16	0.0019	0.0063		1	mg/Kg		07/11/07 09:56 PM	SW846 7471A	SW846 7471A
								Prep Date/Time: 07/11/07 03:07 PM	Anl By: MSB	
Selenium	< 0.53	0.53	1.8		1	mg/Kg		07/17/07 03:13 PM	SW846 3050B	SW846 6010B
								Prep Date/Time: 07/12/07 08:10 AM	Anl By: DLB	
Silver	0.14	0.096	0.32		1	mg/Kg	Q	07/13/07 03:06 PM	SW846 3050B	SW846 6010B
								Prep Date/Time: 07/12/07 08:10 AM	Anl By: DLB	
Percent Solids	86.8				1	%		07/11/07	SM M2540G	SM M2540G
								Prep Date/Time:	Anl By: KJL	

PAH/PNA

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
1-Methylnaphthalene	360	230	770		66.6	ug/Kg	Q	07/17/07 10:50 AM	SW846 3545	8270C-SIM
2-Methylnaphthalene	300	240	800		66.6	ug/Kg	Q	07/17/07 10:50 AM	SW846 3545	8270C-SIM
Acenaphthene	1300	230	760		66.6	ug/Kg		07/17/07 10:50 AM	SW846 3545	8270C-SIM
Acenaphthylene	570	220	740		66.6	ug/Kg	Q	07/17/07 10:50 AM	SW846 3545	8270C-SIM
Anthracene	4900	270	910		66.6	ug/Kg		07/17/07 10:50 AM	SW846 3545	8270C-SIM
Benzo(a)anthracene	13000	410	1400		66.6	ug/Kg		07/17/07 10:50 AM	SW846 3545	8270C-SIM
Benzo(a)pyrene	12000	220	730		66.6	ug/Kg		07/17/07 10:50 AM	SW846 3545	8270C-SIM
Benzo(b)fluoranthene	12000	220	720		66.6	ug/Kg		07/17/07 10:50 AM	SW846 3545	8270C-SIM
Benzo(ghi)perylene	5400	270	910		66.6	ug/Kg		07/17/07 10:50 AM	SW846 3545	8270C-SIM
Benzo(k)fluoranthene	13000	230	780		66.6	ug/Kg		07/17/07 10:50 AM	SW846 3545	8270C-SIM
Chrysene	14000	330	1100		66.6	ug/Kg		07/17/07 10:50 AM	SW846 3545	8270C-SIM
Dibenz(a,h)anthracene	2200	210	700		66.6	ug/Kg		07/17/07 10:50 AM	SW846 3545	8270C-SIM
Fluoranthene	38000	220	740		66.6	ug/Kg		07/17/07 10:50 AM	SW846 3545	8270C-SIM
Fluorene	1400	260	870		66.6	ug/Kg		07/17/07 10:50 AM	SW846 3545	8270C-SIM
Indeno(1,2,3-cd)pyrene	5200	190	640		66.6	ug/Kg		07/17/07 10:50 AM	SW846 3545	8270C-SIM
Naphthalene	630	310	1000		66.6	ug/Kg	Q	07/17/07 10:50 AM	SW846 3545	8270C-SIM
Phenanthrene	22000	230	750		66.6	ug/Kg		07/17/07 10:50 AM	SW846 3545	8270C-SIM
Pyrene	23000	190	630		66.6	ug/Kg		07/17/07 10:50 AM	SW846 3545	8270C-SIM
Surrogate		LCL	UCL							
Nitrobenzene-d5	0	10	141		66.6	%	D	07/17/07	SW846 3545	8270C-SIM
2-Fluorobiphenyl	0	10	161		66.6	%	D	07/17/07	SW846 3545	8270C-SIM
Terphenyl-d14	0	29	150		66.6	%	D	07/17/07	SW846 3545	8270C-SIM

Lab Number	TestGroupID	Field ID	Comment
885818-002	M-HG-S	HAB2	A - Analyte is detected in the method blank at a concentration of 0.0046 mg/Kg.
885818-002	M-SE-S	HAB2	C - Elevated detection limit due to matrix effect. The sample has high iron.

Qualifier Codes

Flag Applies To Explanation

A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the CCV standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level: therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
8	Inorganic	Sample was received unpreserved. Sample was preserved either at the time of receipt or at the time of sample preparation.
9	Inorganic	Sample was received with insufficient preservation. Acid was added either at the time of receipt or at the time of sample preparation.

Test Group Name	885818-001	885818-002	885818-003
ARSENIC	B	B	B
BARIUM	B	B	B
CADMIUM	B	B	B
CHROMIUM	B	B	B
LEAD	B	B	B
MERCURY	B	B	B
PAH/PNA	B	B	B
PERCENT SOLIDS	B	B	B
SELENIUM	B	B	B
SILVER	B	B	B

Code	WI Certification
B	405132750 / DATCP: 105-444

Pace Analytical
Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Batch: 885818
Lab Section: BNASIM
QC Batch Number: 22854
Prep Method: SW846 3545
Analytical Method: 8270C-SIM

QC Type	Client Sample ID	Lab Sample ID
MB	2182-97 PAHMB	2182-97 PAHMB
LCS	2182-97 PAHLCS	2182-97 PAHLCS
MS	HAB1MS	885818-001MS
MSD	HAB1MSD	885818-001MSD

Client Sample ID	Lab Sample ID	MB ID
HAB1	885818-001	MB
HAB3	885818-003	MB

Client Sample ID	Lab Sample ID	MB ID
HAB2	885818-002	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCS Spiked Conc	LCS Recovery			LCS/LCSD RPD % C	LCS/LCSD Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD % C	MS/MSD Control Limits		
			Conc	%	C		Conc	%	C		LCL	UCL	RPD				Conc	%	C		Conc	%	C		LCL	UCL	RPD
											%	%	%												%	%	%
1-Methylnaphthalene	<	3	500.0	456.7	91	—	—	—	—	—	56	136	21	885818-001	59.50	554.0	514.3	82	—	554.0	474.6	75	—	8.0	38	136	35
2-Methylnaphthalene	<	3.1	500.0	438.9	88	—	—	—	—	—	55	134	32	885818-001	72.32	554.0	525.2	82	—	554.0	489.3	75	—	7.1	29	140	22
Acenaphthene	<	3	500.0	421.6	84	—	—	—	—	—	47	143	20	885818-001	9.975	554.0	412.4	73	—	554.0	361.9	64	—	13.0	44	123	27
Acenaphthylene	<	2.9	500.0	413.8	83	—	—	—	—	—	56	134	20	885818-001	7.672	554.0	401	71	—	554.0	363.5	64	—	9.8	45	128	20
Anthracene	<	3.6	500.0	457.6	92	—	—	—	—	—	45	147	23	885818-001	38.78	554.0	470	78	—	554.0	429.2	70	—	9.1	27	152	57
Benzo(a)anthracene	<	5.3	500.0	399.1	80	—	—	—	—	—	50	140	20	885818-001	56.08	554.0	507.1	81	—	554.0	460	73	—	9.7	36	139	46
Benzo(a)pyrene	<	2.9	500.0	423.2	85	—	—	—	—	—	61	141	20	885818-001	54.70	554.0	540.1	88	—	554.0	472.4	75	—	13.4	34	147	28
Benzo(b)fluoranthene	<	2.8	500.0	414.5	83	—	—	—	—	—	55	141	20	885818-001	57.42	554.0	541.5	87	—	554.0	553.4	90	—	2.2	34	152	32
Benzo(ghi)perylene	<	3.6	500.0	368.9	74	—	—	—	—	—	42	142	20	885818-001	49.21	554.0	374.1	59	—	554.0	320.8	49	—	15.4	10	142	26
Benzo(k)fluoranthene	<	3.1	500.0	515.8	103	—	—	—	—	—	53	155	20	885818-001	50.75	554.0	609.7	101	—	554.0	490.7	79	—	21.6	25	159	27
Chrysene	<	4.4	500.0	434.1	87	—	—	—	—	—	57	135	20	885818-001	70.60	554.0	525.8	82	—	554.0	467.9	72	—	11.7	35	139	35
Dibenz(a,h)anthracene	<	2.8	500.0	370.5	74	—	—	—	—	—	54	148	20	885818-001	13.14	554.0	362.6	63	—	554.0	328.4	57	—	9.9	26	147	26
Fluoranthene	<	2.9	500.0	462.9	93	—	—	—	—	—	54	139	20	885818-001	154.0	554.0	792.2	115	—	554.0	628.9	86	—	23.0	18	169	43
Fluorene	<	3.4	500.0	410.9	82	—	—	—	—	—	48	139	21	885818-001	6.438	554.0	424.5	75	—	554.0	384.8	68	—	9.8	41	131	26
Indeno(1,2,3-cd)pyrene	<	2.5	500.0	380	76	—	—	—	—	—	49	147	21	885818-001	26.51	554.0	381.2	64	—	554.0	333.7	55	—	13.3	17	145	29
Naphthalene	<	4	500.0	406.1	81	—	—	—	—	—	48	131	27	885818-001	30.14	554.0	433.2	73	—	554.0	387.8	65	—	11.1	30	131	29
Phenanthrene	<	2.9	500.0	414.7	83	—	—	—	—	—	52	134	20	885818-001	188.2	554.0	770.5	105	—	554.0	675.6	88	—	13.1	21	151	36
Pyrene	<	2.5	500.0	404	81	—	—	—	—	—	49	144	20	885818-001	111.1	554.0	568.3	83	—	554.0	464.8	64	—	20.0	10	206	46
Nitrobenzene-d5		61%	—	—	67	—	—	—	—	—	10	141	—	885818-001	40%	—	—	68	—	—	—	60	—	—	10	141	—
2-Fluorobiphenyl		65%	—	—	73	—	—	—	—	—	10	161	—	885818-001	39%	—	—	66	—	—	—	56	—	—	10	161	—
Terphenyl-d14		64%	—	—	67	—	—	—	—	—	29	150	—	885818-001	36%	—	—	53	—	—	—	48	—	—	29	150	—

Conc = ug/Kg unless otherwise noted

C = QC Code, see Qualifer Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 7/18/2007

QC Batch Number: 22854

QC Summary

Batch: 885818
Lab Section: METALS
QC Batch Number: 22753
Prep Method: SW846 7471A
Analytical Method: SW846 7471A

QC Type	Client Sample ID	Lab Sample ID
MB	MBSMTG2216-44	MBSMTG2216-44
LCS	LCSSMTG2216-44	LCSSMTG2216-44
MS	885874-001MS	885874-001MS
MS	885804-008MS	885804-008MS
MSD	885874-001MSD	885874-001MSD
MSD	885804-008MSD	885804-008MSD

Client Sample ID	Lab Sample ID	MB ID
HAB1	885818-001	MB
HAB3	885818-003	MB

Client Sample ID	Lab Sample ID	MB ID
HAB2	885818-002	MB

Test Name	Method	Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCSD Spiked Conc	LCSD Recovery			LCS/ LCSD RPD % C	LCS/LCSD Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/ MSD RPD % C		MS/MSD Control Limits			
				Conc	%	C		Conc	%	C		LCL %	UCL %	RPD %				Conc	%	C		Conc	%	C	Conc	%	C	LCL %	UCL %	RPD %
Mercury	J	0.0046	0.25	0.27	109.8		—	—	—	—	85	115	20	885804-008	1.9	0.28	1.9	13.0	+	0.28	1.1	-284.0	+	55.7	*	85	115	20		
Mercury	J	0.0046	0.25	0.27	109.8		—	—	—	—	85	115	20	885874-001	1.5	3.1	4.5	95.5		3.1	4.9	107.1		7.8		85	115	20		

Conc = mg/Kg unless otherwise noted

C = QC Code, see Qualifier Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 7/18/2007

QC Batch Number: 22753

**Pace Analytical
Services, Inc.**

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Batch: 885818
Lab Section: METALS
QC Batch Number: 22790
Prep Method: SW846 3050B
Analytical Method: SW846 6010B

QC Type	Client Sample ID	Lab Sample ID
MB	MBSMTG2217-56	MBSMTG2217-56
LCS	LCSSMTG2217-56	LCSSMTG2217-56
MS	885804-001MS	885804-001MS
MSD	885804-001MSD	885804-001MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
HAB1	885818-001	MB	HAB2	885818-002	MB
HAB3	885818-003	MB			

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCSD Spiked Conc	LCSD Recovery			LCS/LCSD RPD % C	LCS/LCSD Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD % C	MS/MSD Control Limits		
			Conc	%	C		Conc	%	C		LCL	UCL	RPD				Conc	%	C		Conc	%	C		LCL	UCL	RPD
Arsenic	<	0.28	25.0	27.9	111.4	—	—	—	—	—	80	120	20	885804-001	8.62	28.3	35.9	96.5	+	28.3	41.1	114.9	+	13.5	75	125	20
Barium	<	0.05	25.00	26.1	104.3	—	—	—	—	—	80	120	20	885804-001	182.0	28.28	226.7	158.3	+	28.28	212.8	109.1	+	6.3	75	125	20
Cadmium	<	0.02	25.0	27.5	109.8	—	—	—	—	—	80	120	20	885804-001	2.96	28.3	29.5	93.8	+	28.3	28.7	91.1	+	2.6	75	125	20
Chromium	J	0.1	25.00	29.3	117.0	—	—	—	—	—	80	120	20	885804-001	196.5	28.28	98.2	-347.9	+	28.28	206.7	36.0	+	71.2	75	125	20
Lead	<	0.2	25.00	28.2	113.0	—	—	—	—	—	80	120	20	885804-001	441.7	28.28	320	-430.3	+	28.28	379.6	-219.7	+	17.0	75	125	20
Selenium	<	0.46	25.0	29	116.1	—	—	—	—	—	80	120	20	885804-001	< 2.6	28.3	26.7	94.5	+	28.3	26.6	94.1	+	0.4	75	125	20
Silver	<	0.083	12.5	13.1	104.8	—	—	—	—	—	80	120	20	885804-001	0.0957	14.1	13.6	95.3	+	14.1	12.3	86.4	+	9.7	75	125	20

Conc = mg/Kg unless otherwise noted

C = QC Code, see Qualifier Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 7/18/2007

QC Batch Number: 22790



Sample Condition Upon Receipt

Client Name: City of Madison Project # 885818

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☒ Dunham Commercial ☐ Pace Other _____

Tracking #: _____

Custody Seal on Cooler/Box Present: ☒ yes ☐ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ None ☒ Other Ziplocks

Thermometer Used _____

Type of Ice: ☒ Wet ☐ Blue ☐ None

☒ Samples on ice, cooling process has begun

Cooler Temperature ROT

Biological Tissue is Frozen: Yes No

Date and Initials of person examining contents: 7-10-07 SS
CC 7/10/07

Temp should be above freezing to 6°C

Comments:

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>S</u>		
All containers needing preservation have been checked.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed
Samples checked for dechlorination:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Lot # of added preservative
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	15.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	16.
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: SS

Date: 7-10-07

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

(Please Print Clearly)	
Company Name:	City of Madison
Branch/Location:	Engineering
Project Contact:	Joe DeMarett
Phone:	267- 1986
Project Number:	149 Wakeson
Project Name:	II
Project State:	WI
Sampled By (Print):	Joe DeMarett / Eric O
Sampled By (Sign):	Joe DeMarett / Eric O
PO #:	
	Regulatory Program:

CHAIN OF CUSTODY

MN: 612-607-1700 WI: 920-469-2436

Page 1 of 2
024623

COC No.

Quote #:		
Mail To Contact:	Joe Demarett	
Mail To Company:	City of Madison Engineering	
Mail To Address:	1600 Emil Street Madison 53713	
Invoice To Contact:	ATTN: Joe Demarett	
Invoice To Company:	City Comptroller	
Invoice To Address:	Room 406, CCB, 210 McK Jr. Blvd. Madison, WI	
Invoice To Phone:		
CLIENT COMMENTS	LAB COMMENTS	Profile #
	(Lab Use Only)	

Data Package Options (billable)		MS/MSD	Matrix Codes
<input type="checkbox"/> EPA Level III	<input type="checkbox"/> On your sample (billable)	A = Air	W = Water
<input type="checkbox"/> EPA Level IV	<input type="checkbox"/> NOT needed on your sample	B = Biota	DW = Drinking Water
		C = Charcoal	GW = Ground Water
		O = Oil	SW = Surface Water
		S = Soil	WW = Waste Water
		Sl = Sludge	WP = Wipe

[illegible][illegible]

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By: <i>Eric O. Hanson</i>	Date/Time: 7/19/07
Relinquished By: <i>D. Fenwick</i>	Date/Time: 7/19/07 1430
Relinquished By: <i>Dunham</i>	Date/Time: 7/10/07 0845
Relinquished By:	Date/Time:
Relinquished By:	Date/Time:

Received By: <i>D. Fennel</i>	Date/Time: <i>7/9/07 0910</i>
Received By:	Date/Time:
<i>Dunkham</i>	
Received By: <i>Cynthia Pace</i>	Date/Time: <i>7/10/07 0845</i>
Received By:	Date/Time:
Received By:	Date/Time:

PACE Project No.	
885818	
Receipt Temp =	ROT °C
Sample Receipt pH	
OK / Adjusted	
<u>Cooler Custody Seal</u>	
<u>Present / Not Present</u>	
<u>Intact / Not Intact</u>	



Please Remit Payment To:
Pace Analytical Services, Inc.
P.O. Box 684056
Milwaukee, WI 53268-4056
1-800-736-2436

INVOICE

Page 1 of 1

Invoice No: 400885818

Invoice Date: 7/18/2007

Received Date: 7/10/2007

PO No:

Proj State: WI

Terms: Net 30

Due Date: 8/17/2007

Bill To:

CITY OF MADISON - DEPT OF ENG.
Attn: COMPTROLLERS OFFICE
210 MARTIN LUTHER KING JR BLVD #406

MADISON, WI 53703-3345

Site Information:

149 WAUBESA
Joe De Morett
QUICK TURN


DESCRIPTION	QTY	PRICE EACH	SUB TOTAL
8 RCRA METALS - SOIL	3	\$106.25	\$318.75
METALS PREP FEE	3	\$10.00	\$30.00
PAH/PNA - SOIL	3	\$112.50	\$337.50

Invoice SubTotal: \$686.25

Tax: \$0.00

Total: \$686.25

Thank You for Choosing Pace Analytical Services, Inc.!

 Please complete, detach and return with your payment. Page 1 of 1

Method of Payment: ☐ Check / ☐ VISA / ☐ MasterCard / ☐ American Express Phone #: _____
(circle one)

Credit Card Holder: (print) _____ 1st 4 digits of address: _____

Credit Card Account No. _____ Email Address: _____

Exp Date: _____ Signature: _____ Zip Code: _____

**INVOICE
TOTAL**

\$686.25

Amount Paid: \$ _____

Check No: _____

Invoice No: 400885818

ANALYTICAL TESTING CORPORATION

Phone 920-261-1660 or 800-833-7036
Fax 920-261-8120

To assist us in using the proper analytical methods,
is this work being conducted for regulatory purposes?
Compliance Monitoring

Client Name BT², Inc Client #: _____

Address: 2830 Davis Drive

City/State/Zip Code: Meriden CT 06450

Project Manager: Eric Delkers

Telephone Number: 608 216 7341 Fax: 608 224-2839

Sampler Name: (Print Name) Eric Oelkers

Sampler Signature: E. O. O'Brien

Project Name: Kupfer Center

Project #: 3320

Site/Location ID: Madison State: UT

Report To: Others

Invoice To: Same

Quote #: PO#:

[illegible]

April 08, 2008

Client: BT2, INC.
2830 Dairy Drive
Madison, WI 53718

Work Order: WRC0882
Project Name: 3320
Project Number: 3320 Kupfer Center

Attn: Mr. Eric Oelkers

Date Received: 03/31/08

An executed copy of the chain of custody is also included as an addendum to this report.

If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-833-7036

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
D-12	WRC0882-01	03/28/08 10:05
C-8	WRC0882-02	03/28/08 10:20
D-8	WRC0882-03	03/28/08 10:33
D-7	WRC0882-04	03/28/08 10:41

SW 8082 analysis performed at Lab ID: 999917270

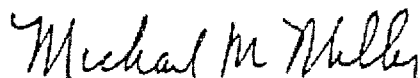
Samples were received into laboratory at a temperature of 4 °C.

Wisconsin Certification Number: 128053530

The Chain of Custody, 1 page, is included and is an integral part of this report.

Unless subcontracted, volatiles analyses (including VOC, PVOC, GRO, BTEX, and TPH gasoline) performed by TestAmerica Watertown at 1101 Industrial Drive, Units 9&10. All other analyses performed at the address shown in the heading of this report.

Approved By:



TestAmerica Watertown
Mike Miller For Dan F. Milewsky
Project Manager

BT2, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Eric Oelkers

Work Order: WRC0882
Project: 3320
Project Number: 3320 Kupfer Center

Received: 03/31/08
Reported: 04/08/08 11:17

ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
ample ID: WRC0882-01 (D-12 - Wood Chips)						Sampled: 03/28/08 10:05			
Polychlorinated Biphenyls by EPA Method 8082									
PCB-1016	<0.298		mg/kg wet	0.298	5.96	04/04/08 11:33	slt	8040168	SW 8082
PCB-1221	<0.298		mg/kg wet	0.298	5.96	04/04/08 11:33	slt	8040168	SW 8082
PCB-1232	<0.298		mg/kg wet	0.298	5.96	04/04/08 11:33	slt	8040168	SW 8082
PCB-1242	<0.298		mg/kg wet	0.298	5.96	04/04/08 11:33	slt	8040168	SW 8082
PCB-1248	2.24		mg/kg wet	0.298	5.96	04/04/08 11:33	slt	8040168	SW 8082
PCB-1254	<0.298		mg/kg wet	0.298	5.96	04/07/08 15:40	slt	8040168	SW 8082
PCB-1260	<0.298		mg/kg wet	0.298	5.96	04/04/08 11:33	slt	8040168	SW 8082
PCB-1268	<0.298		mg/kg wet	0.298	5.96	04/04/08 11:33	slt	8040168	SW 8082
Surr: Decachlorobiphenyl (59-140%)	93 %								
Surr: Tetrachloro-meta-xylene (46-136%)	85 %								
ample ID: WRC0882-02 (C-8 - Wood Chips)						Sampled: 03/28/08 10:20			
Polychlorinated Biphenyls by EPA Method 8082									
PCB-1016	<0.295		mg/kg wet	0.295	5.91	04/04/08 11:44	slt	8040168	SW 8082
PCB-1221	<0.295		mg/kg wet	0.295	5.91	04/04/08 11:44	slt	8040168	SW 8082
PCB-1232	<0.295		mg/kg wet	0.295	5.91	04/04/08 11:44	slt	8040168	SW 8082
PCB-1242	<0.295		mg/kg wet	0.295	5.91	04/04/08 11:44	slt	8040168	SW 8082
PCB-1248	<0.295		mg/kg wet	0.295	5.91	04/04/08 11:44	slt	8040168	SW 8082
PCB-1254	<0.295		mg/kg wet	0.295	5.91	04/07/08 15:50	slt	8040168	SW 8082
PCB-1260	<0.295		mg/kg wet	0.295	5.91	04/04/08 11:44	slt	8040168	SW 8082
PCB-1268	<0.295		mg/kg wet	0.295	5.91	04/04/08 11:44	slt	8040168	SW 8082
Surr: Decachlorobiphenyl (59-140%)	76 %								
Surr: Tetrachloro-meta-xylene (46-136%)	65 %								
ample ID: WRC0882-03 (D-8 - Wood Chips)						Sampled: 03/28/08 10:33			
Polychlorinated Biphenyls by EPA Method 8082									
PCB-1016	<0.296		mg/kg wet	0.296	5.93	04/04/08 11:54	slt	8040168	SW 8082
PCB-1221	<0.296		mg/kg wet	0.296	5.93	04/04/08 11:54	slt	8040168	SW 8082
PCB-1232	<0.296		mg/kg wet	0.296	5.93	04/04/08 11:54	slt	8040168	SW 8082
PCB-1242	<0.296		mg/kg wet	0.296	5.93	04/04/08 11:54	slt	8040168	SW 8082
PCB-1248	<0.296		mg/kg wet	0.296	5.93	04/04/08 11:54	slt	8040168	SW 8082
PCB-1254	<0.296		mg/kg wet	0.296	5.93	04/07/08 16:01	slt	8040168	SW 8082
PCB-1260	<0.296		mg/kg wet	0.296	5.93	04/04/08 11:54	slt	8040168	SW 8082
PCB-1268	<0.296		mg/kg wet	0.296	5.93	04/04/08 11:54	slt	8040168	SW 8082
Surr: Decachlorobiphenyl (59-140%)	53 %	Z6							
Surr: Tetrachloro-meta-xylene (46-136%)	63 %								
ample ID: WRC0882-04 (D-7 - Wood Chips)						Sampled: 03/28/08 10:41			
Polychlorinated Biphenyls by EPA Method 8082									
PCB-1016	<0.295		mg/kg wet	0.295	5.9	04/04/08 14:34	slt	8040168	SW 8082
PCB-1221	<0.295		mg/kg wet	0.295	5.9	04/04/08 14:34	slt	8040168	SW 8082
PCB-1232	<0.295		mg/kg wet	0.295	5.9	04/04/08 14:34	slt	8040168	SW 8082
PCB-1242	<0.295		mg/kg wet	0.295	5.9	04/04/08 14:34	slt	8040168	SW 8082
PCB-1248	<0.295		mg/kg wet	0.295	5.9	04/04/08 14:34	slt	8040168	SW 8082
PCB-1254	0.510		mg/kg wet	0.295	5.9	04/07/08 16:12	slt	8040168	SW 8082
PCB-1260	<0.295		mg/kg wet	0.295	5.9	04/04/08 14:34	slt	8040168	SW 8082
PCB-1268	<0.295		mg/kg wet	0.295	5.9	04/04/08 14:34	slt	8040168	SW 8082
Surr: Decachlorobiphenyl (59-140%)	90 %								
Surr: Tetrachloro-meta-xylene (46-136%)	79 %								

BT2, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Eric Oelkers

Work Order: WRC0882
Project: 3320
Project Number: 3320 Kupfer Center

Received: 03/31/08
Reported: 04/08/08 11:17

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Polychlorinated Biphenyls by EPA Method 8082							
SW 8082	8040168	WRC0882-01	5	10	04/03/08 13:43	KAK	SW 3550B GC
SW 8082	8040168	WRC0882-02	5	10	04/03/08 13:43	KAK	SW 3550B GC
SW 8082	8040168	WRC0882-03	5	10	04/03/08 13:43	KAK	SW 3550B GC
SW 8082	8040168	WRC0882-04	5	10	04/03/08 13:43	KAK	SW 3550B GC

BT2, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Eric Oelkers

Work Order: WRC0882
Project: 3320
Project Number: 3320 Kupfer Center

Received: 03/31/08
Reported: 04/08/08 11:17

LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD RPD	RPD Limit	Q
Polychlorinated Biphenyls by EPA Method 8082														
PCB-1016	8040168			mg/kg wet	N/A	0.0500	<0.0500							
PCB-1221	8040168			mg/kg wet	N/A	0.0500	<0.0500							
PCB-1232	8040168			mg/kg wet	N/A	0.0500	<0.0500							
PCB-1242	8040168			mg/kg wet	N/A	0.0500	<0.0500							
PCB-1248	8040168			mg/kg wet	N/A	0.0500	<0.0500							
PCB-1254	8040168			mg/kg wet	N/A	0.0500	<0.0500							
PCB-1260	8040168			mg/kg wet	N/A	0.0500	<0.0500							
PCB-1268	8040168			mg/kg wet	N/A	0.0500	<0.0500							
Surrogate: Decachlorobiphenyl	8040168			mg/kg wet					106		59-140			
Surrogate: Tetrachloro-meta-xylene	8040168			mg/kg wet					79		46-136			

BT2, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Eric Oelkers

Work Order: WRC0882
Project: 3320
Project Number: 3320 Kupfer Center

Received: 03/31/08
Reported: 04/08/08 11:17

LCS/LCS DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD RPD	RPD Limit	Q
Polychlorinated Biphenyls by EPA Method 8082														
PCB-1248	8040168		0.167	mg/kg wet	N/A	0.0500	0.124		74		41-131			
Surrogate: Decachlorobiphenyl	8040168			mg/kg wet					107		59-140			
Surrogate: Tetrachloro-meta-xylene	8040168			mg/kg wet					78		46-136			

BT2, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Eric Oelkers

Work Order: WRC0882
Project: 3320
Project Number: 3320 Kupfer Center

Received: 03/31/08
Reported: 04/08/08 11:17

MATRIX SPIKE/MATRIX SPIKE DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD RPD	Limit	Q
Polychlorinated Biphenyls by EPA Method 8082														
QC Source Sample: CRD0170-03														
PCB-1248	8040168	0.431	0.226	mg/kg dry	N/A	0.0683	0.323	0.406	-48	-11	36-126	23	20	MI,R
Surrogate: Decachlorobiphenyl	8040168			mg/kg dry					-103	101	59-140			
Surrogate: Tetrachloro-meta-xylene	8040168			mg/kg dry					78	73	46-136			

BT2, INC.
2830 Dairy Drive
Madison, WI 53718
Mr. Eric Oelkers

Work Order: WRC0882
Project: 3320
Project Number: 3320 Kupfer Center

Received: 03/31/08
Reported: 04/08/08 11:17

CERTIFICATION SUMMARY

Subcontracted Laboratories

TestAmerica Analytical - Cedar Falls NELAC Cert #000668, Wisconsin Cert #999917270, Illinois Cert #000668, Minnesota Cert #019-999-319, Iowa Cert #007, North Dakota Cert #R-186
704 Enterprise Drive - Cedar Falls, IA 50613

Method Performed: SW 8082

Samples: WRC0882-01, WRC0882-01RE1, WRC0882-02, WRC0882-02RE1, WRC0882-03, WRC0882-03RE1,
WRC0882-04, WRC0882-04RE1

DATA QUALIFIERS AND DEFINITIONS

C1 Closing CCV out of control due to interference from previous sample.
M1 The MS and/or MSD were outside control limits.
R Sample duplicate RPD exceeded the laboratory control limit.
Z6 Surrogate recovery was outside control limits.

ADDITIONAL COMMENTS

Results are reported on a wet weight basis unless otherwise noted.

**Contaminated Soil Cap Maintenance Plan
Goodman Community Center
149 Waubesa Street
Madison, Wisconsin**

October 2008

Prepared For:

**Goodman Community Center
149 Waubesa Street
Madison, Wisconsin 53704**

Prepared By:

**BT², Inc.
2830 Dairy Drive
Madison, Wisconsin 53718**

BT² Project #3320

TABLE OF CONTENTS

1.0 INTRODUCTION	1
2.0 COVER AND BUILDING BARRIER PURPOSE	1
3.0 ANNUAL INSPECTION	1
4.0 MAINTENANCE ACTIVITIES.....	2
5.0 AMENDMENT OR WITHDRAWAL OF MAINTENANCE PLAN	2
5.1 Contact Information	2
Goodman Community Center	1

FIGURE

G-1 Site Map With Soil Cap

APPENDICES

A Barrier Inspection Log

1.0 INTRODUCTION

Property Location: 149 Waubesa Street
Madison, Wisconsin

FID #: 113123560

WDNR BRRTS/Activity #: 02-13-262205

Property Description: Certified Survey Map No. 12316 as recorded in Dane County Register of Deeds in Volume 76 Page 200 of Certified Surveys Lot 1.

Tax #: 071005305018

This document is the Maintenance Plan for a pavement and landscape cover and building barrier at the above-referenced property in accordance with the requirements of s. NR 724.13(2), Wisconsin Administrative Code. The maintenance activities relate to the existing slab on grade buildings, paved surfaces, and landscaped areas occupying the area over the contaminated soil on site. The contaminated soil is impacted by metals and polynuclear aromatic hydrocarbons (PAHs). The location of the paved surfaces, landscaped areas, and building to be maintained in accordance with this Maintenance Plan, as well as the impacted soil, are identified on the attached map (**Figure G-1**).

2.0 COVER AND BUILDING BARRIER PURPOSE

The paved surfaces, landscaped areas, and the building foundations over the contaminated soil serve as a barrier to prevent direct human contact with residual soil contamination that might otherwise pose a threat to human health. Based on the current and future use of the property, the barrier should function as intended unless disturbed.

3.0 ANNUAL INSPECTION

The paved surfaces, landscaped areas, and building foundation overlying the contaminated soil and as depicted on **Figure G-1** will be inspected once a year, normally in the spring after all snow and ice are gone, for deterioration, cracks, erosion, and other potential problems that can cause exposure to underlying soils. The inspections will be performed to evaluate damage due to settling, exposure to the weather, wear from traffic, uprooted trees, and other factors. Any area where subsurface soils have become or are likely to become exposed will be documented. A log of the inspections and any repairs

will be maintained by the property owner and is included in **Appendix A**, Cap Inspection Log. The log will include recommendations for necessary repair of any areas where subsurface soils are exposed or where a depression in the pavement shows severe cracking. Once repairs are completed, they will be documented in the inspection log.

4.0 MAINTENANCE ACTIVITIES

If problems are noted during the annual inspections or at any other time during the year, repairs will be scheduled as soon as practical. Repairs can include patching and filling operations or they can include larger resurfacing or construction operations. In the event that necessary maintenance or planting activities expose the underlying soil, the owner must inform maintenance workers of the direct contact exposure hazard. The owner must also sample any soil that is excavated from the site prior to disposal to ascertain if contamination remains or assume the soil is contaminated and manage it accordingly. Contaminated soil must be treated, stored, and disposed of by the owner in accordance with applicable local, state, and federal law.

In the event the paved surfaces, clean soil and/or the building overlying the contaminated soil are removed or replaced, the replacement barrier must be of an equivalent thickness. Any replacement barrier will be subject to the same maintenance and inspection guidelines as outlined in this Maintenance Plan unless indicated otherwise by the WDNR or its successor.

The property owner, in order to maintain the integrity of the paved surfaces, landscaped areas and/or the building, will maintain a copy of this Maintenance Plan on site and make it available to all interested parties (i.e., on-site employees, contractors, future property owners, etc.) for viewing.

5.0 AMENDMENT OR WITHDRAWAL OF MAINTENANCE PLAN

This Maintenance Plan can be amended or withdrawn by the property owner and its successors with the written approval of the WDNR.

5.1 Contact Information

September 2008

Site Owner and Operator: Ms. Becky Steinhoff
149 Waubesa Street
Madison, WI 53704
Phone: 608-241-1574

Consultant: BT², Inc.
2830 Dairy Drive
Madison, WI 53718
Phone: (608) 224-2830

WDNR: Mr. Michael Schmoller
Wisconsin Department of Natural Resources
3911 Fish Hatchery Road
Fitchburg, WI 53711
Phone: 608-275-3303

I:\3320\2008 closure\Cap Maint Plan.doc

FIGURE

G-1 Site Map With Soil Cap
Cap Photos

Attachment G-1
Photographs of Completed Site Cap
Goodman Community Center
149 Waubesa Street, Madison, WI
BT² Project #3320A



Photo 1: View of landscaping along bike path looking southwest.



Photo 2: View of east end of site and rain garden, looking north.

Attachment G-1
Photographs of Completed Site Cap
Goodman Community Center
149 Waubesa Street, Madison, WI
BT² Project #3320A



Photo 3: View of pavement and grassy areas looking north toward gym from bike path.



Photo 4: View of landscaping and pavement looking northeast along north edge of bike path.

Attachment G-1
Photographs of Completed Site Cap
Goodman Community Center
149 Waubesa Street, Madison, WI
BT² Project #3320A



Photo 5: Auger boring for installation of playground equipment, looking southeast. Borings confirmed at least 36 inches of clean imported fill below sub-grade of playground surface.



Photo 6: View of area below crane gantry showing pavement and play area, looking north.

Attachment G-1
Photographs of Completed Site Cap
Goodman Community Center
149 Waubesa Street, Madison, WI
BT² Project #3320A



Photo 7: View of completed play area looking northeast toward gym.



Photo 8: View of concrete pavement between main building and gym, looking north.

Attachment G-1
Photographs of Completed Site Cap
Goodman Community Center
149 Waubesa Street, Madison, WI
BT² Project #3320A



Photo 9: View of area between gym and railroad tracks, looking east, southeast.



Photo 10: View of lawn area south of gym looking northwest (August 19, 2008).

APPENDIX A

Barrier Inspection Log

Goodman Community Center
149 Waubesa Street
Madison, WI 53704
BRRTS #02-13-262205

Barrier Inspection Log

Inspection Date	Inspector	Condition of Cap	Recommendations	Have Recommendations From Previous Inspection Been Implemented?

LEGEND	
	PROPERTY LINE/RIGHT-OF-WAY
	RAILROAD TRACKS
	ELECTRIC
	FIBER OPTIC
	GAS MAIN
	OVERHEAD UTILITY
	SANITARY SEWER
	STORM SEWER
	TELEPHONE
	WATER MAIN



PROJECT NO. 3320	DRAWN BY: KRG/KP		2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830 FAX: (608) 224-2839	CLIENT GOODMAN COMMUNITY CENTER 149 WAUBESA STREET MADISON, WISCONSIN 53704 PHONE: (608) 241-1574	SITE GOODMAN COMMUNITY CENTER 149 WAUBESA STREET MADISON, WISCONSIN	POST-DEVELOPMENT SITE MAP WITH CAP	FIGURE G-1
DRAWN: 09/15/08	CHECKED BY: EN/EO						
REVISED: 10/07/08	APPROVED BY:						