GIS REGISTRY INFORMATION

SITE NAME: Canadian National - Oshkosh Yard Office

BRRTS #: 02-71-338108 **FID # (**if appropriate**):**

COMMERCE # (if appropriate**):**

CLOSURE DATE: 07/10/2006

STREET ADDRESS: Pioneer Drive

CITY: Oshkosh

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection)**:** **X=** 637433 **Y=** 393898

CONTAMINATED MEDIA: Groundwater [ ] Soil [x] Both [ ]

OFF-SOURCE GW CONTAMINATION >ES: [ ] **Yes** [x] **No**

IF YES, STREET ADDRESS 1:

GPS COORDINATES (meters in WTM91 projection)**:** **X=** **Y=**

OFF-SOURCE SOIL CONTAMINATION >Generic or Site-Specific RCL (SSRCL): [X] **Yes** [ ] **No**

IF YES, STREET ADDRESS 1: 43 E 10th Avenue (Everettt Industries)

GPS COORDINATES (meters in WTM91 projection)**:** **X=** 637398 **Y=** 393900

CONTAMINATION IN RIGHT OF WAY: [ ] **Yes** [x] **No**

DOCUMENTS NEEDED:

Closure Letter, and any conditional closure letter or denial letter issued	x
Copy of any maintenance plan referenced in the final closure letter.	x
Copy of (soil or land use) deed notice *if any required as a condition of closure*	
Copy of most recent deed, including legal description, for all affected properties	x
Certified survey map or relevant portion of the recorded plat map (*if referenced in the legal description*) for all affected properties	
County Parcel ID number, *if used for county*, for all affected properties #90302650000 (Everett Industries)	x
Location Map which outlines all properties within contaminated site boundaries on USGS topographic map or plat map in sufficient detail to permit the parcels to be located easily (8.5x14" if paper copy). If groundwater standards are exceeded, the map must also include the location of all municipal and potable wells within 1200' of the site.	x
Detailed Site Map(s) for all affected properties, showing buildings, roads, property boundaries, contaminant sources, utility lines, monitoring wells and potable wells. (8.5x14", if paper copy) This map shall also show the location of all contaminated public streets, highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding ch. NR 140 ESs and soil contamination exceeding ch. NR 720 generic or SSRCLs.	x
Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)	
Tables of Latest Soil Analytical Results (no shading or cross-hatching)	x
Isoconcentration map(s), *if required for site investigation (SI) (*8.5x14" if paper copy*)*.** The isoconcentration map should have flow direction and extent of groundwater contamination defined. **If not available, include the latest extent of contaminant plume map.**	x
GW: Table of water level elevations, with sampling dates, and free product noted if present	
GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees)	
SOIL: Latest horizontal extent of contamination exceeding generic or SSRCLs, with one contour	x
Geologic cross-sections, *if required for SI.* (8.5x14' if paper copy**)**	x
RP certified statement that legal descriptions are complete and accurate	x
Copies of off-source notification letters (if applicable) Everett Property Received a Copy of the Final Closue Letter	x
Letter informing ROW owner of residual contamination (if applicable)(public, highway or railroad ROW)	

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
Ronald W. Kazmierczak, Regional Director

Northeast Region Headquarters
2984 Shawano Avenue, P.O. Box 10448
Green Bay, Wisconsin 54307-0448
Telephone 920-662-5100
FAX 920-662-5413
TTY Access via relay - 711

COPY

July 10, 2006

Mr. Geoffrey Nokes
Director of Environmental Affairs
Canadian National Midwest Division
17641 South Ashland Avenue
Homewood, Illinois 60430-1345

SUBJECT: Final Closure Letter
Canadian National – Oshkosh Yard Office
WDNR BRRTS ID # 02-71-338108

Dear Mr. Nokes:

On June 3, 2006, new legislation known as Act 418 took effect to aid in promoting the cleanup and reuse of contaminated properties. This legislation allows the Department to conditionally close sites with land use type restrictions using a site specific closure letter rather than a deed instrument. This letter is intended to fulfill the requirements of that legislation. Please note the final closure conditions for your site required and detailed in this letter.

On February 7, 2005, the Northeast 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.

Please be aware that pursuant to s. 292.12 Wisconsin Statutes, compliance with the requirements of this letter is a responsibility to which you **or** the current property owner 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.

CONDITIONS OF CLOSURE:

Residual Soil Contamination

Residual soil contamination remains as indicated in the information submitted to the Department of Natural Resources at the following locations:

- Soil stained areas beneath tracks at B-20 to B-23, B25, B-19 to GP-9 (unable to be adequately investigated);
- Borings B-21, B-24, and B-29 for Benzo(a) pyrene and Dibenzo(a,h) anthracene
- Boring B-30 is located on an off-site property (Everett Steel located at 43 E. 10th Avenue, Oshkosh) and has several PAHs in exceedance of the non-industrial standards but below the industrial standard.

The current existence of a "hardpan" soil/gravel cap is to be maintained to prevent direct contact threat and/or potential groundwater impacts.

Structural Impediments

Structural impediments existing at the time of cleanup, **active railroad tracks**, made complete **investigation and/or remediation** of the soil contamination on this property impracticable. Pursuant to s. 292.12(2)(b), Wis. Stats., if the structural impediments on this property that are described above are removed, the property owner shall conduct an investigation of the degree and extent of the **petroleum-related** contamination. If contamination is found at that time, the Wisconsin Department of Natural Resources shall be immediately notified and the contamination shall be properly remediated in accordance with applicable statutes and rules.

Industrial Zoning

The most recent soil samples that were collected on this property, which were collected on **May 21, 1998,** contained **Benzo(a)pyrene, Benzo(a)fluranthene, and Indeno(1,2,3-cd)pyrene that exceeded NR 720.11, Table 2 non-industrial soil standards** in concentrations that exceeded NR 720.11, Table 2, Wis. Adm. Code, soil standards. Therefore, pursuant to s. 292.12(2)(c), Wis. Stats., the property described above and the adjacent Everett Steel Property located at 43 E. 10th Avenue may not be used or developed for a residential, commercial, agricultural or other non-industrial use, unless (at the time that the non-industrial use is proposed) an investigation is conducted, to determine the degree and extent of **petroleum-related** contamination that remains on the property, and remedial action is taken as necessary to meet all applicable non-industrial soil cleanup standards.

Impervious Cap Maintenance

Pursuant to s. 292.12(2)(a), Wis. Stats., the pavement or other impervious cap that currently exists in the location shown on the attached map shall be maintained in compliance with the **attached maintenance plan** in order to minimize the infiltration of water and prevent additional groundwater contamination that would violate the groundwater quality standards in ch. NR 140, Wis. Adm. Code, and to prevent direct contact with residual soil contamination that might otherwise pose a threat to human health.

The following activities are prohibited on any portion of the property where compacted soil and gravel 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.

The following requirement also applies with all of the above conditions in perpetuity:
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 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.

Your site will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites. 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 http://dnr.wi.gov/org/aw/rr/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://www.dnr.state.wi.us/org/water/dwg/3300254.pdf or at the web address listed above for the GIS Registry.

The Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this closure decision or anything outlined in this letter, please contact **Kathy Sylvester** at **(920) 424-0399**.

Sincerely,

Bruce G. Urben
Remediation & Redevelopment Team Supervisor
Northeast Region

cc: Case File – OSH
Bob Mottl, STS Consultants, Ltd., 1035 Kepler, Green Bay, WI 54311
Everett Steel Building Corporation, c/o Thomas P. McElligott, Quarles & Brady LLP, 411 East Wisconsin Avenue, Milwaukee, WI 53202-4497

SURFACE COVER MAINTENANCE PLAN
WISCONSIN CENTRAL LTD.
YARD OFFICE SITE
OSHKOSH, WISCONSIN
SEPTEMBER 2004
WDNR BRRTS No. 02-71-338108

Surface covers are in place to limit the threat to public health and safety by direct-contact for residual polynuclear aromatic hydrocarbon (PAH) impacts in soils at the Wisconsin Central Ltd. Oshkosh Yard - Yard Office area indicated on attached Figures 4, 5, 6, and 7. For the areas indicated on these figures, which have a defined use as industrial property, either vegetative growth or compacted base course gravel are present to limit the threat of direct contact. The surface covers shall be checked and maintained by the property owner on an annual basis to confirm its effectiveness as a barrier.

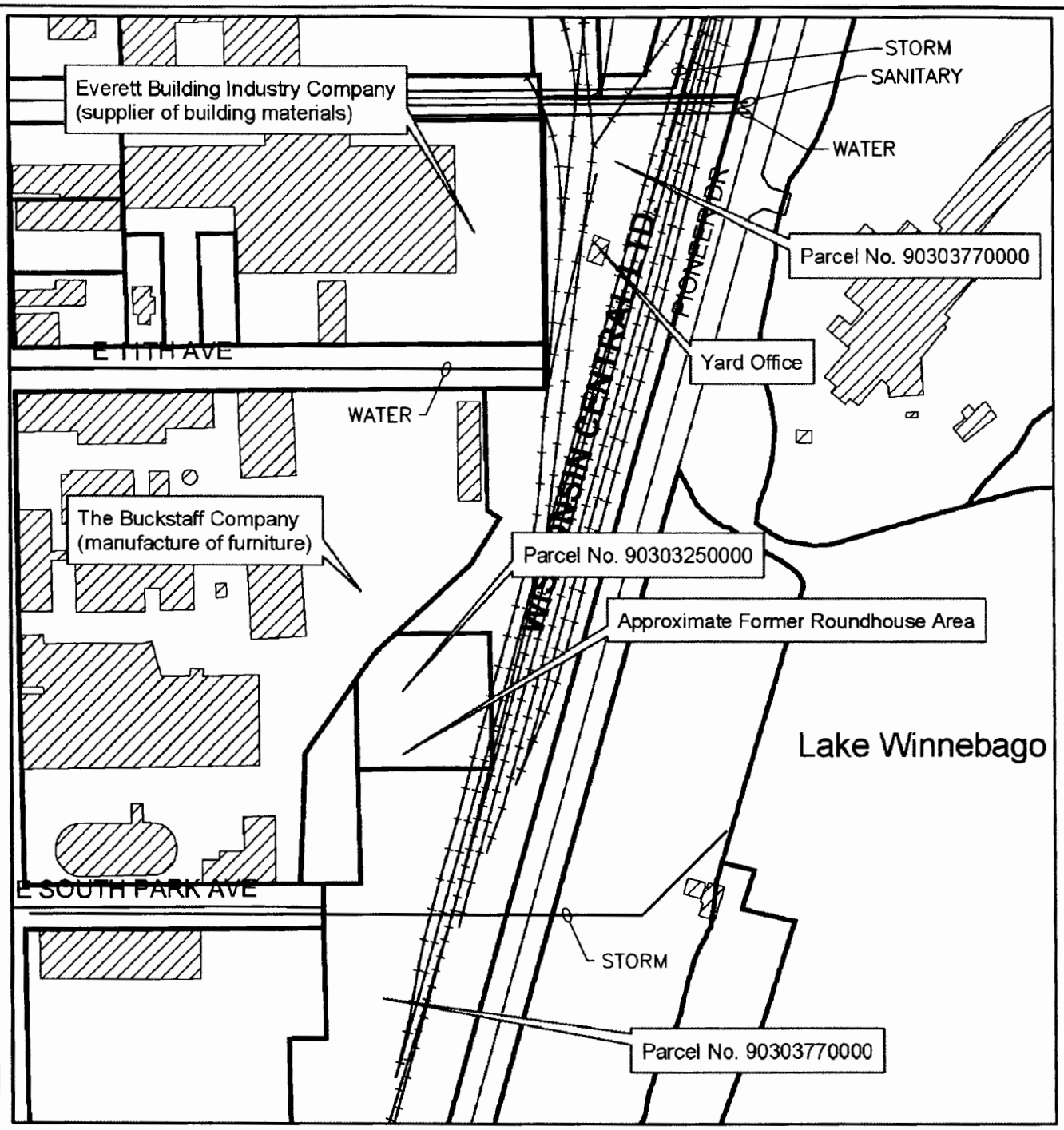
Legal Description for
43 E 10th Ave:

EXHIBIT A

Lots 4, 5, 6, 7, 8, 9, 10, 11, 12, 17, 18, 19, 20, 21, 22, 23 and 24 of Block 22 in the Plat of the Original Third Ward, in the Third Ward, City of Oshkosh, Winnebago County, Wisconsin, per Leach's Map of 1894.

That portion of Indiana Street and Rudoy Street (both now vacated) lying between Blocks 22 and 23 in the Plat of the Original Third Ward and lying between the extended North and South lines thereof, in the Third Ward, City of Oshkosh, Winnebago County, Wisconsin.

Lots 1 and 13 of Block 23 in the Plat of the Original Third Ward, in the Third Ward, City of Oshkosh, Winnebago County, Wisconsin, per Leach's Map of 1894.



Legend

- Railroads
- Approximate Parcel Boundary
- Buildings

UTILITIES SHOWN IN BLUE

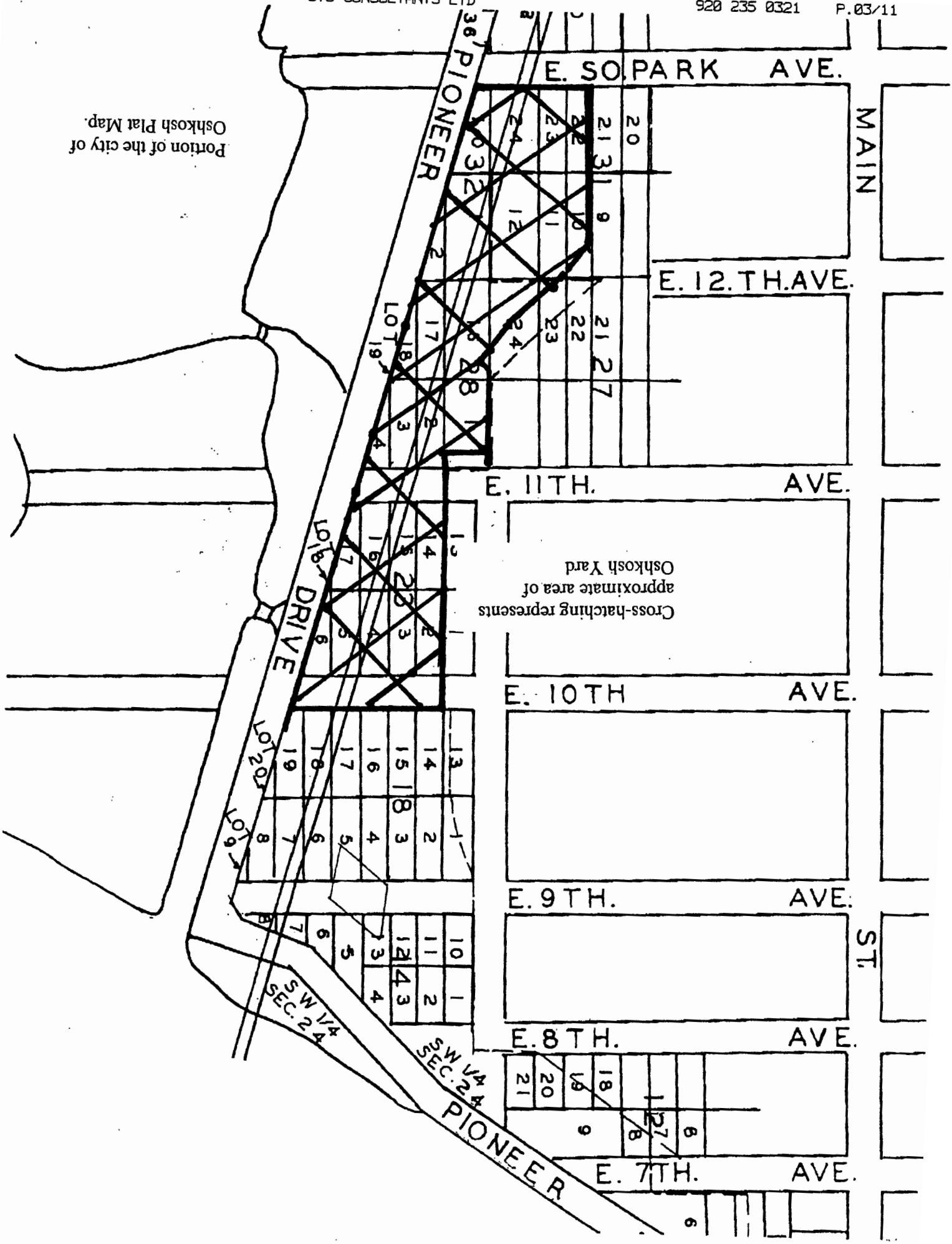
Source: 2004 City of Oshkosh Shapefiles

UTILITIES INFORMATION OBTAINED FROM CITY OF OSHKOSH PUBLIC WORKS DEPARTMENT

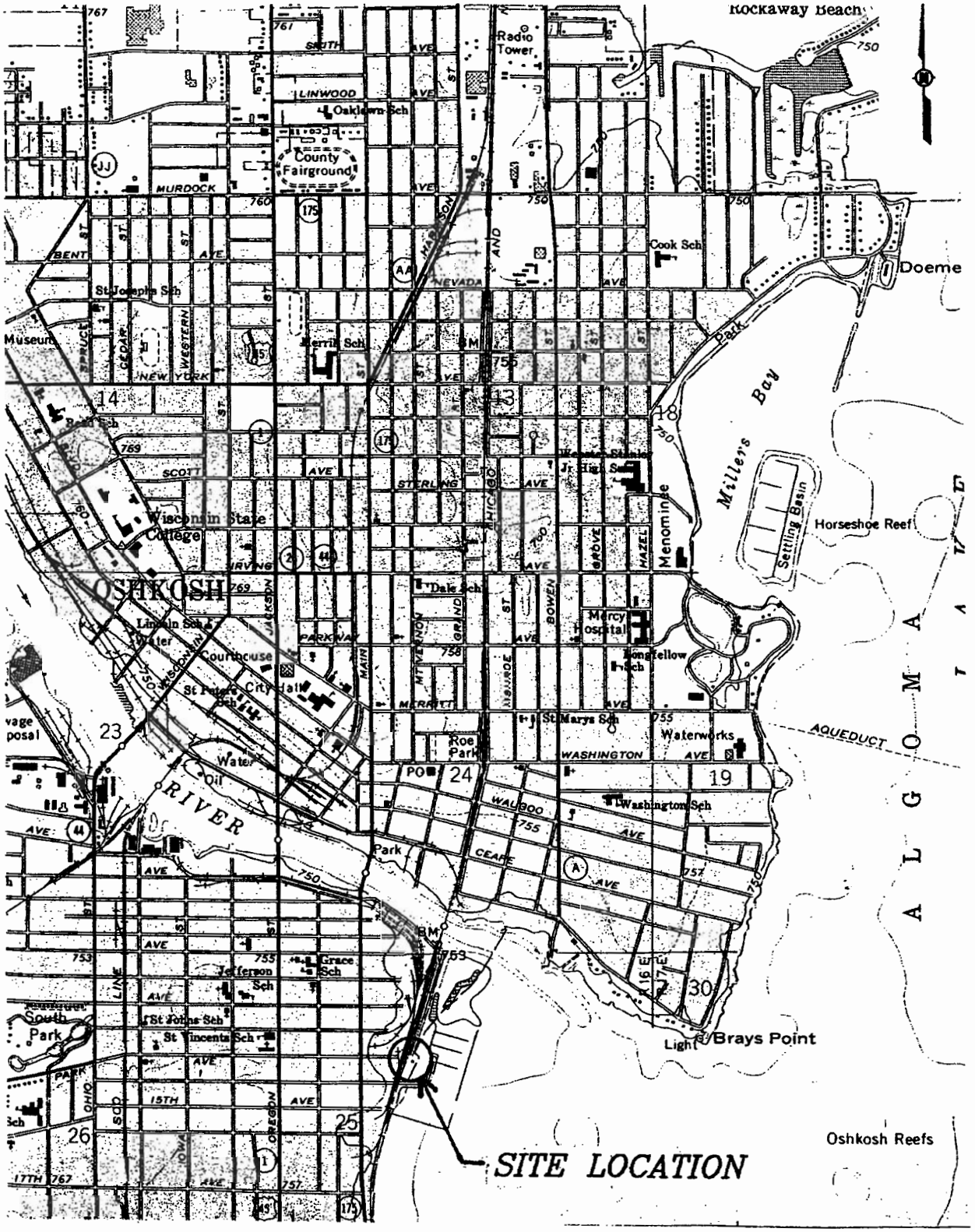
STS Consultants, Ltd.
Consulting Engineers
1035 Kepler Drive
Green Bay, WI 54311
920.468.1978

SITE DIAGRAM
OSHKOSH YARD
OSHKOSH, WISCONSIN

DESIGNED BY	AGM	9/16/04
DRAWN BY	AGM	9/16/04
APPROVED BY		
FILE	SCALE	1"=200'
STS PROJECT NO. 22046XJ	FIGURE NO. 2	



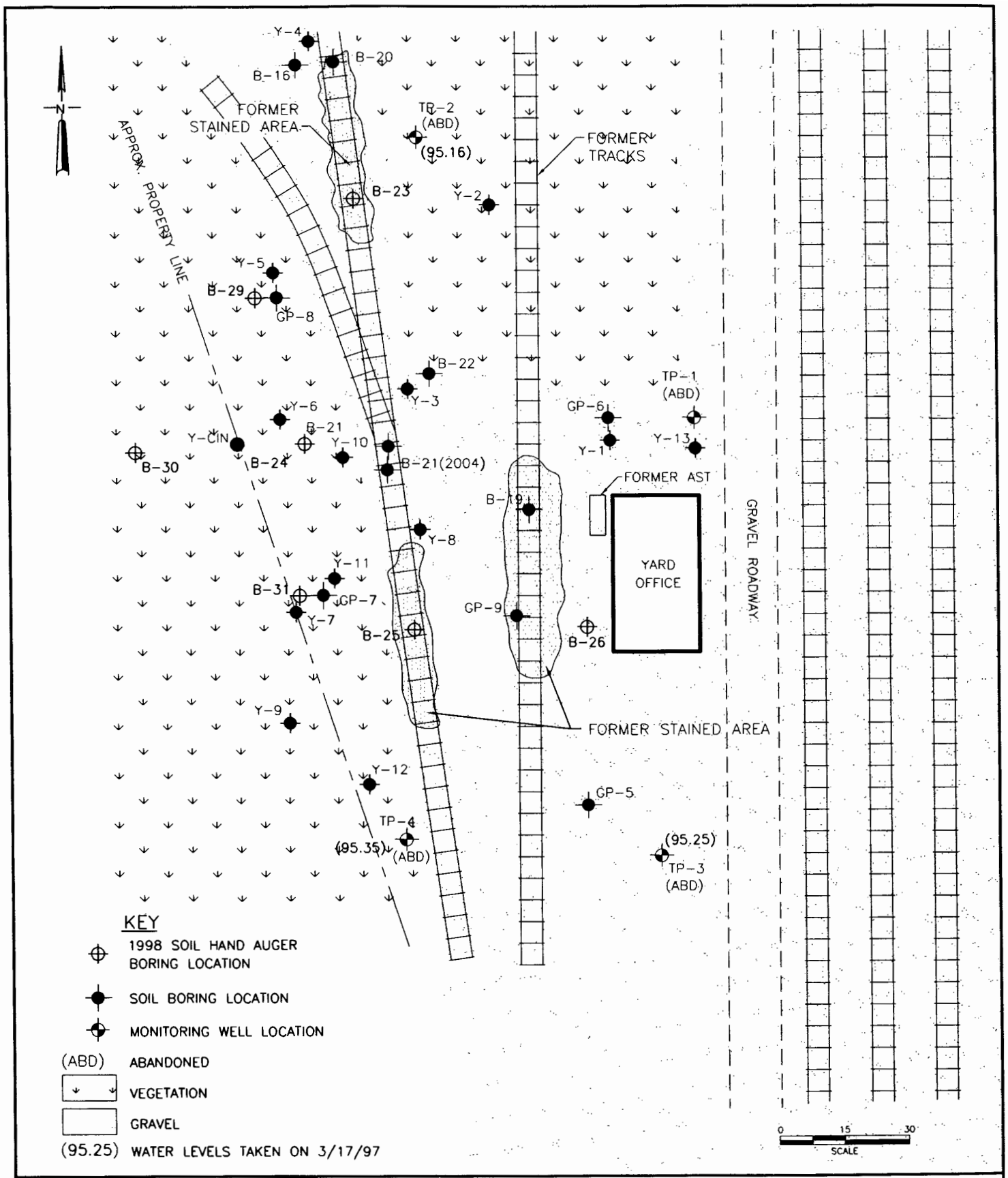
Portion of the city of Oshkosh Plat Map.



STS Consultants Ltd.
Consulting Engineers
1035 Kepler Dr.
Green Bay, WI 54311
920.468.1978

SITE LOCATION DIAGRAM
OSHKOSH STATION
OSHKOSH, WISCONSIN

DESIGNED BY	VMK	5-24-01
DRAWN BY	DJM	5-24-01
APPROVED BY		
CADFILE	SCALE 1" = 2000'	
STS PROJECT NO. 22046XJ	FIGURE NO. 1	



STS CONSULTANTS
1035 Kepler Drive
Green Bay, WI 54311
920-468-1978
www.stsconsultants.com
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SOIL BORING LOCATIONS AND WATER ELEVATIONS
OSHKOSH STATION-YARD OFFICE
OSHKOSH, WISCONSIN

Drawn:	DJM	9/15/2004
Checked:	RJM	9/15/2004
Approved:		
PROJECT NUMBER	22046XJ	
FIGURE NUMBER	3	

TABLE 2
2001 - 2004 SOIL FIELD OBSERVATIONS
WISCONSIN CENTRAL OSHKOSH YARD - YARD OFFICE AREA
OSHKOSH, WISCONSIN

Boring ID	Sample No.	Depth (Feet)	Description	PID	Wet	Odor
Yard Office						
Y-1 (2-28-01)	S-1	1 - 3	Fill: Brown/Black Silty Sandy Gravel with Cinders (Beneath Base Course Gravel)	<1	No	None
Y-2 (2-28-01)	S-1	1 - 3	Fill: Brown/Black Silty Sandy Gravel with Cinders (Vegetated Area)	<1	No	None
Y-3 (2-28-01)	S-1	0.5 - 2.5	Fill: Brown/Black Silty Sandy Gravel with Cinders (Vegetated Area)	<1	No	Slight
Y-4 (2-28-01)	S-1	0.5 - 2.5	Fill: Brown/Black Silty Sandy Gravel and Clay with Cinders (Beneath Base Course Gravel)	<1	No	None
Y-5 (2-28-01)	S-1	1 - 3	Fill: Brown Silty Sandy Gravel and Clay with Cinders (Vegetated Area)	<1	No	None
Y-6 (2-28-01)	S-1	0 - 2	Fill: Brown Silty Sandy Gravel and Clay with Cinders (Vegetated Area)	<1	No	None
Y-7 (2-28-01)	S-1	0 - 2	Fill: Brown Silty Sandy Gravel and Clay with Cinders (Vegetated Area)	<1	No	Slight
Y-8 (2-28-01)	S-1	0.5 - 2.5	Fill: Brown/Black Silty Sandy Gravel with Cinders (Beneath Base Course Gravel)	<1	No	None
Y-9 (2-28-01)	S-1	0 - 2	Fill: Brown/Black Silty Sandy Gravel with Cinders (Vegetated Area)	<1	No	None
Y-CIN (2002)	S-1	0.0 - 0.3	Cinders (Very localized area of less than 1' X 1')	<1	No	None
Y-10 (09-17-03)	S-1	0.0 - 0.3	Base Course Gravel	<1	No	None
Y-11 (09-17-03)	S-1	0.0 - 0.3	Base Course Gravel	<1	No	None
Y-12 (09-17-03)	S-1	0.0 - 0.3	Base Course Gravel	<1	No	None
Y-13 (6-3-04)	--	0.0 - 0.5	Base Course Gravel	<1	No	None
B-21(2004) (6-3-04)	--	0.0 - 0.5	Base Course Gravel	<1	No	None

TABLE 3 p. 1
SOIL ANALYTICAL RESULTS
WISCONSIN CENTRAL
OSHKOSH YARD - YARD OFFICE AREA
OSHKOSH, WISCONSIN

													NR 720 RCL	NR 746 - Values	
													Groundwater	Table 1	Table 2
	Sample No.	GP-5	GP-6	GP-8	GP-9	TP-2	TP-2	TP-3	B-16	B-19	B-19	B-20			
	Date	08/13/96	08/13/96	08/13/96	08/13/96	03/11/97	03/11/97	03/11/97	03/11/97	03/11/97	03/11/97	03/11/97			
	Sample Depth	2.0-4.0	2.0-4.0	2.0-4.0	0.0-2.0	0.0-2.0	2.0-4.0	2.0-4.0	2.0-3.5	0.0-2.0	2.0-4.0	0.0-2.0	Pathway	Soil Screening	Direct Contact
VOCs															
Benzene	(ug/kg)	<25	<25	<25	**53***	<9.0	<9.0	<9.0	<9.0	<9.0	<9.0	<9.0	5.5	8500	1100
Ethylbenzene	(ug/kg)	<25	<25	<25	60	71	<4.5	<4.5	33	<4.5	<4.5	<4.5	2900	4600	--
Methyl-tertiary-butyl ether	(ug/kg)	NA	NA	NA	<25	<22	NA	NA	NA	<22	NA	<22	--	--	--
Toluene	(ug/kg)	<25	66	<25	207	172	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	1500	38000	--
1,2,4-Trimethylbenzene	(ug/kg)	<25	45	<25	124	73	<9.9	<9.9	25 (p)	<9.9	<9.9	<9.9	--	83000	--
1,3,5-Trimethylbenzene	(ug/kg)	<25	<25	<25	59	43	<10	<10	35	<10	<10	<10	--	11000	--
Xylenes	(ug/kg)	<25	95	<25	390	285	<19	<19	81	29 (p)	<19	<19	4100	42000	--
n-Butylbenzene	(ug/kg)	NA	NA	NA	NA	<10	<10	<10	<10	<10	<10	<10	--	--	--
sec-Butylbenzene	(ug/kg)	NA	NA	NA	NA	74	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	--	--	--
Isopropylbenzene	(ug/kg)	NA	NA	NA	NA	110	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	--	--	--
Naphthalene	(ug/kg)	NA	NA	NA	NA	186	<7.1	<7.1	116	44	<7.1	<7.1	400/20000**	2700	--
n-Propylbenzene	(ug/kg)	NA	NA	NA	NA	<9.9	<9.9	<9.9	47	38	<9.9	<9.9	--	--	--
DRO	(mg/kg)	7.2	52	<1.8	1300	44	13	3.4	10	267	42	43	100		

													Suggested Generic PAH RCLs (WDNR Interim PAH Guidance, 1997)				
													Groundwater Pathway	Direct Contact Pathway			
														Non-industrial		Industrial	
	Sample No.	GP-5	GP-6	GP-8	GP-9	TP-2	TP-2	TP-3	B-16	B-19	B-19	B-20		Ingestion	Inhalation	Ingestion	Inhalation
	Date	08/13/96	08/13/96	08/13/96	08/13/96	03/11/97	03/11/97	03/11/97	03/11/97	03/11/97	03/11/97	03/11/97					
	Sample Depth	2.0-4.0	2.0-4.0	2.0-4.0	0.0-2.0	0.0-2.0	2.0-4.0	2.0-4.0	2.0-3.5	0.0-2.0	2.0-4.0	0.0-2.0					
PAHs																	
Acenaphthene	(mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	38	900	nd	60000	nd
Acenapthylene	(mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.7	18	51	390	360
Anthracene	(mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3000	5000	nd	300000	nd
Benzo(a)anthracene	(mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	17	0.088	11	3.9	150
Benzo(a)pyrene	(mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	48	0.0088	1.6	0.39	22
Benzo(b)fluoranthene	(mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	360	0.088	4.6	3.9	65
Benzo(k)fluoranthene	(mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	870	0.88	380	39	5300
Benzo(g,h,i)perylene	(mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6800	1.8	1100	39	7700
Chrysene	(mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	37	8.8	270	390	3800
Dibenzo(a,h)anthracene	(mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	38	0.0088	7.8	0.39	110
Fluoranthene	(mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	500	600	nd	40000	nd
Fluorene	(mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	100	600	nd	40000	nd
Indeno(1,2,3-cd)pyrene	(mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	680	0.088	54	3.9	750
1-Methylnapthalene	(mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23	1100	nd	70000	nd
2-Methylnapthalene	(mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	20	600	nd	40000	nd
Naphthalene	(mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.4	60	20	4000	110
Phenanthrene	(mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.8	18	160	390	1100
Pyrene	(mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8700	500	nd	30000	nd

Notes:
(p) - Reported result is less than the Practical Quantitation Limit
* = Exceeds NR 720/PAH Groundwater Pathway RCL
= Exceeds NR 746 Table 1 Value/PAH Non-Industrial Direct Contact RCL
+ = Exceeds NR 746 Table 2 Direct Contact Value/PAH Industrial Direct Contact RCL

TABLE 3 p. 2
SOIL ANALYTICAL RESULTS
WISCONSIN CENTRAL
OSHKOSH YARD - YARD OFFICE AREA
OSHKOSH, WISCONSIN

Sample No.		B-20	B-21 (2004)	B-21	B-21	B-21	B-22	B-23	B-24	B-25	B-26	B-29	NR 720 RCL Groundwater Pathway	NR 746 - Values Table 1 Soil Screening	NR 746 - Values Table 2 Direct Contact
Date		03/11/97	06/03/04	03/11/97	03/11/97	04/22/98	03/11/97	04/22/98	04/22/98	04/22/98	04/22/98	06/01/98			
Sample Depth		2.0-4.0	0.0-1.0	0.0-2.0	2.0-4.0	0.0-2.0	2.0-4.0	0.0-2.0	0.0-2.0	0.0-2.0	0.0-2.0	0.0-2.0			
VOCs															
Benzene	(ug/kg)	<9.0	NA	<9.0	<9.0	NA	<9.0	NA	<31	NA	<23	<21	5.5	8500	1100
Ethylbenzene	(ug/kg)	<4.5	NA	42	<4.5	NA	<4.5	NA	<31	NA	<23	36	2900	4600	--
Methyl-tertiary-butyl ether	(ug/kg)	NA	NA	<22	NA	NA	NA	NA	<31	NA	<23	<21	--	--	--
Toluene	(ug/kg)	<4.2	NA	145	<4.2	NA	<4.2	NA	<31	NA	<23	34.5	1500	38000	--
1,2,4-Trimethylbenzene	(ug/kg)	<9.9	NA	96	<9.9	NA	<9.9	NA	<31	NA	<23	<21	--	83000	--
1,3,5-Trimethylbenzene	(ug/kg)	<10	NA	49	<10	NA	<10	NA	<31	NA	<23	<21	--	11000	--
Xylenes	(ug/kg)	<19	NA	228	<19	NA	<19	NA	<62	NA	30	65.4	4100	42000	--
n-Butylbenzene	(ug/kg)	<10	NA	90	<10	NA	<10	NA	NA	NA	NA	NA	--	--	--
sec-Butylbenzene	(ug/kg)	<6.2	NA	<6.2	<6.2	NA	<6.2	NA	NA	NA	NA	NA	--	--	--
Isopropylbenzene	(ug/kg)	<4.5	NA	<4.5	<4.5	NA	<4.5	NA	NA	NA	NA	NA	--	--	--
Naphthalene	(ug/kg)	<7.1	NA	**3630***	<7.1	NA	<7.1	NA	NA	NA	NA	NA	400/20000**	2700	--
n-Propylbenzene	(ug/kg)	<9.9	NA	<9.9	<9.9	NA	<9.9	NA	NA	NA	NA	NA	--	--	--
DRO	(mg/kg)	10	26	20600	8.7	NA	11	NA	NA	NA	NA	NA	100	100	

Sample No.		B-20	B-21 (2004)	B-21	B-21	B-21	B-22	B-23	B-24	B-25	B-26	B-29	Suggested Generic PAH RCLs (WDNR Interim PAH Guidance, 1997): Groundwater Pathway	Direct Contact Pathway: Non-industrial Ingestion	Non-industrial Inhalation	Industrial Ingestion	Industrial Inhalation
Date		03/11/97	06/03/04	03/11/97	03/11/97	04/22/98	03/11/97	04/22/98	04/22/98	04/22/98	04/22/98	06/01/98					
Sample Depth		2.0-4.0	0.0-1.0	0.0-2.0	2.0-4.0	0.0-2.0	2.0-4.0	0.0-2.0	0.0-2.0	0.0-2.0	0.0-2.0	0.0-2.0					
PAHs																	
Acenaphthene	(mg/kg)	NA	0.11	NA	NA	<0.0044	NA	<0.0046	<0.0045	<0.0045	<0.0038	<0.0039	38	900	nd	60000	nd
Acenapthylene	(mg/kg)	NA	0.64	NA	NA	<0.0032	NA	<0.0034	<0.0033	<0.0033	<0.0028	<0.0029	0.7	18	51	390	360
Anthracene	(mg/kg)	NA	1.2	NA	NA	<0.0012	NA	<0.0012	0.608	<0.0012	<0.001	<0.0011	3000	5000	nd	300000	nd
Benzo(a)anthracene	(mg/kg)	NA	**0.82**	NA	NA	**0.291**	NA	0.0547	**1.82**	<0.0024	0.00789	**0.284**	17	0.088	11	3.9	150
Benzo(a)pyrene	(mg/kg)	NA	**0.9**	NA	NA	**0.437+**	NA	<0.0025	**1.61+**	<0.0024	<0.0021	**0.416+**	48	0.0088	1.6	0.39	22
Benzo(b)fluoranthene	(mg/kg)	NA	**1.8**	NA	NA	**0.432**	NA	**0.237**	**1.93**	0.0273	0.0264	**0.312**	360	0.088	4.6	3.9	65
Benzo(k)fluoranthene	(mg/kg)	NA	0.58	NA	NA	0.158	NA	0.0848	0.674	0.0039	0.0092	0.106	870	0.88	380	39	5300
Benzo(g,h,i)perylene	(mg/kg)	NA	1.3	NA	NA	0.199	NA	0.0834	1.22	<0.0021	0.0132	0.184	6800	1.8	1100	39	7700
Chrysene	(mg/kg)	NA	1.1	NA	NA	0.239	NA	0.0417	1.36	<0.0016	0.0293	0.278	37	8.8	270	390	3800
Dibenzo(a,h)anthracene	(mg/kg)	NA	<0.066	NA	NA	<0.0024	NA	<0.0025	**1.13+**	<0.0024	<0.0021	<0.0021	38	0.0088	7.8	0.39	110
Fluoranthene	(mg/kg)	NA	1.8	NA	NA	2.03	NA	0.522	6.54	<0.0016	0.097	1.41	500	600	nd	40000	nd
Fluorene	(mg/kg)	NA	0.11	NA	NA	<0.0015	NA	<0.0016	<0.0016	<0.0016	<0.0013	0.0871	100	600	nd	40000	nd
Indeno(1,2,3-cd)pyrene	(mg/kg)	NA	**0.85**	NA	NA	**0.226**	NA	**0.114**	**1.22**	<0.0016	0.0196	**0.195**	680	0.088	54	3.9	750
1-Methylnapthalene	(mg/kg)	NA	NA	NA	NA	0.314	NA	0.194	0.14	0.124	<0.0021	0.0553	23	1100	nd	70000	nd
2-Methylnapthalene	(mg/kg)	NA	1.5	NA	NA	0.462	NA	0.239	0.566	0.261	<0.0024	0.092	20	600	nd	40000	nd
Naphthalene	(mg/kg)	NA	1.5*	NA	NA	<0.002	NA	<0.0021	<0.0021	<0.0021	<0.0018	<0.0018	0.4	60	20	4000	110
Phenanthrene	(mg/kg)	NA	2.2*	NA	NA	1.23	NA	0.613	**3.65***	0.0641	0.0407	0.958	1.8	18	160	390	1100
Pyrene	(mg/kg)	NA	1.5	NA	NA	1.78	NA	0.831	5.17	<0.007	<0.0059	1.1	8700	500	nd	30000	nd

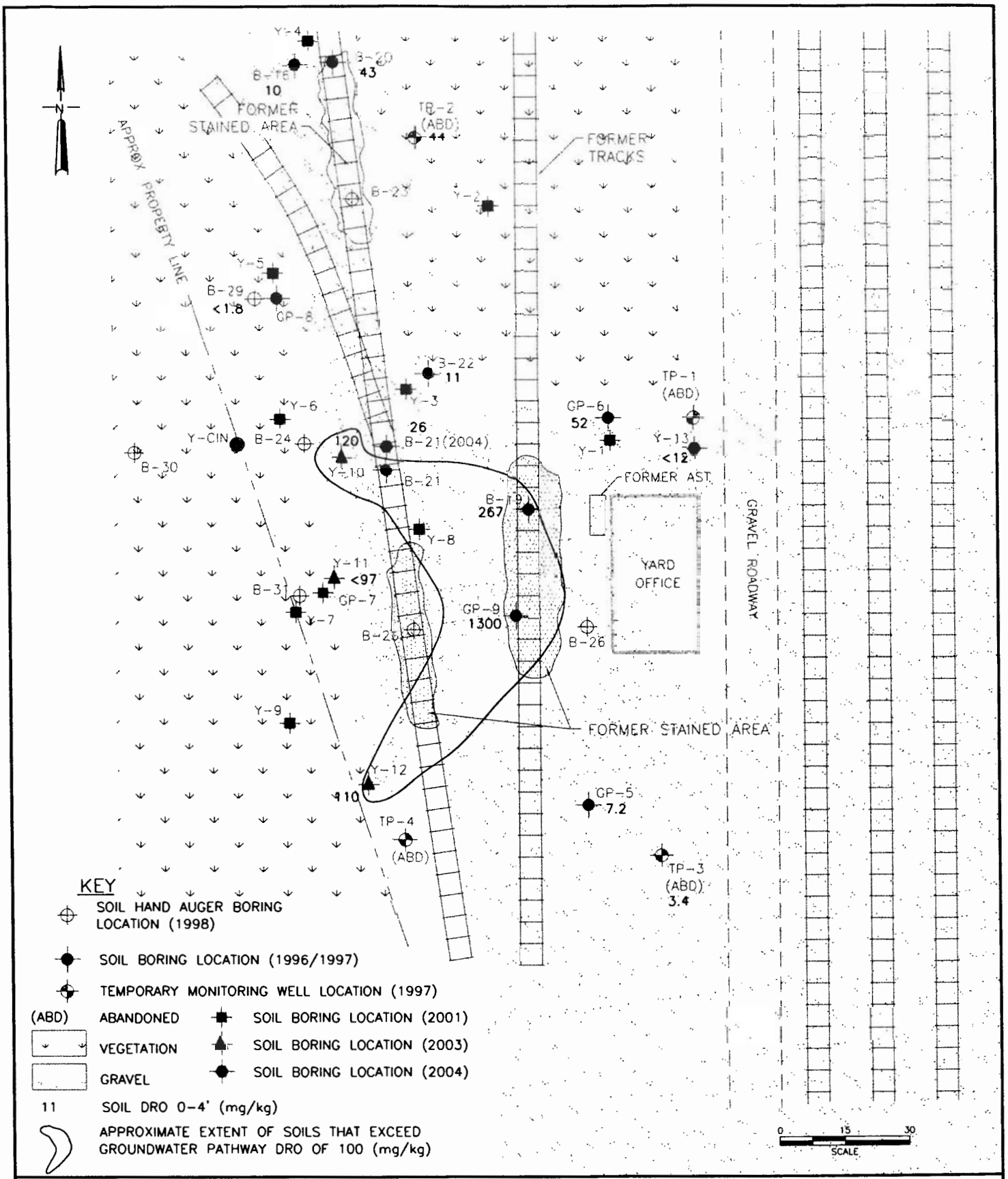
Notes:
(p) - Reported result is less than the Practical Quantitation Limit
* = Exceeds NR 720/PAH Groundwater Pathway RCL
= Exceeds NR 746 Table 1 Value/PAH Non-Industrial Direct Contact RCL
\+ = Exceeds NR 746 Table 2 Direct Contact Value/PAH Industrial Direct Contact RCL

TABLE 3 p. 3
SOIL ANALYTICAL RESULTS
WISCONSIN CENTRAL
OSHKOSH YARD - YARD OFFICE AREA
OSHKOSH, WISCONSIN

	Sample No.	B-30	B-31	Y-1	Y-2	Y-3	Y-4	Y-5	Y-6	Y-7	Y-8	Y-9	Y-10	Y-11	Y-12	Y-13	NR 720 RCL Groundwater	NR 746 - Values Table 1	NR 746 - Values Table 2
	Date	05/21/98	05/21/98	02/28/01	02/28/01	02/28/01	02/28/01	02/28/01	02/28/01	02/28/01	02/28/01	02/28/01	09/17/03	09/17/03	09/17/03	06/03/04			
	Sample Depth	0.0-2.0	0.0-2.0	1.0-3.0	1.0-3.0	0.5-2.5	0.5-2.5	1.0-3.0	0.0-2.0	0.0-2.0	0.5-2.5	0.0-2.0	0.0-0.3	0.0-0.3	0.0-0.3	0.0-0.5	Pathway	Soil Screening	Direct Contact
VOCs																			
Benzene	(ug/kg)	<9	<9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.5	8500	1100
Ethylbenzene	(ug/kg)	<4.5	<4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2900	4600	--
Methyl-tertiary-butyl ether	(ug/kg)	<22	<22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--
Toluene	(ug/kg)	<4.2	78	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1500	38000	--
1,2,4-Trimethylbenzene	(ug/kg)	<9.9	22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	83000	--
1,3,5-Trimethylbenzene	(ug/kg)	<10	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	11000	--
Xylenes	(ug/kg)	<28	67	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4100	42000	--
n-Butylbenzene	(ug/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--
sec-Butylbenzene	(ug/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--
Isopropylbenzene	(ug/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--
Naphthalene	(ug/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	400/20000**	2700	--
n-Propylbenzene	(ug/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	--	--
DRO	(mg/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	120	<97	110	<12	100		

	Sample No.	B-30	B-31	Y-1	Y-2	Y-3	Y-4	Y-5	Y-6	Y-7	Y-8	Y-9	Y-10	Y-11	Y-12	Y-13	Y-CIN	Suggested Generic PAH RCLs (WDNR interim PAH Guidance, 1997) Groundwater Pathway	Direct Contact Pathway Non-industrial Ingestion	Direct Contact Pathway Non-industrial Inhalation	Direct Contact Pathway Industrial Ingestion	Direct Contact Pathway Industrial Inhalation
	Date	05/21/98	05/21/98	02/28/01	02/28/01	02/28/01	02/28/01	02/28/01	02/28/01	02/28/01	02/28/01	02/28/01	09/17/03	09/17/03	09/17/03	06/03/04	10/29/02					
	Sample Depth	0.0-2.0	0.0-2.0	1.0-3.0	1.0-3.0	0.5-2.5	0.5-2.5	1.0-3.0	0.0-2.0	0.0-2.0	0.5-2.5	0.0-2.0	0.0-0.3	0.0-0.3	0.0-0.3	0.0-0.5	0.0-0.3					
PAHs																						
Acenaphthene	(mg/kg)	<0.052	<0.055	<0.104	<0.02	<0.182	<0.018	1.59	0.43	3.97	<0.019	0.654	NA	NA	NA	<0.012	<0.23	38	900	nd	60000	nd
Acenapthylene	(mg/kg)	<0.049	<0.042	<0.122	<0.024	**0.723***	0.032	**13.8***	0.281	**6.86***	0.029	0.368	NA	NA	NA	<0.012	<0.44	0.7	18	51	390	360
Anthracene	(mg/kg)	0.188	0.254	0.139	0.1	1.73	0.091	20.2	1.41	15.2	0.061	1.94	NA	NA	NA	0.013	0.74	3000	5000	nd	300000	nd
Benzo(a)anthracene	(mg/kg)	0.574	0.866	0.424	0.145	0.98	0.172	**60.1+**	1.54	**17.7+**	0.133	2.43	NA	NA	NA	0.014	<0.023	17	0.088	11	3.9	150
Benzo(a)pyrene	(mg/kg)	**0.45+**	**0.691+**	**0.544+**	**0.132**	**1.116+**	**0.192**	**41.5+**	**1.5+**	**17.9+**	**0.144+**	**2.3+**	NA	NA	NA	**0.018**	**3.0+**	48	0.0088	1.6	0.39	22
Benzo(b)fluoranthene	(mg/kg)	**0.471**	**0.637**	**0.534**	**0.148**	**1.63**	**0.195**	**46.6+**	**1.33**	**16.7+**	**0.155**	**2.14**	NA	NA	NA	0.073	**3.1**	360	0.088	4.6	3.9	65
Benzo(k)fluoranthene	(mg/kg)	0.219	0.34	0.492	0.126	**1.58**	0.202	**36.4**	**1.25**	**13.5**	0.162	**1.39**	NA	NA	NA	0.021	**1.4**	870	0.88	380	39	5300
Benzo(g,h,i)perylene	(mg/kg)	0.257	0.356	0.338	0.079	1.68	0.107	15.5	0.587	**6.73**	0.075	0.817	NA	NA	NA	0.019	2.3	6800	1.8	1100	39	7700
Chrysene	(mg/kg)	0.46	0.582	0.545	0.206	1.38	0.226	**46.7**	1.62	**17.5**	0.18	2.42	NA	NA	NA	0.049	2.2	37	8.8	270	390	3800
Dibenzo(a,h)anthracene	(mg/kg)	<0.0094	<0.01	<0.254	<0.05	<0.445	<0.045	**10+**	0.261	**3.1+**	<0.047	0.385	NA	NA	NA	<0.012	**3.6+**	38	0.0088	7.8	0.39	110
Fluoranthene	(mg/kg)	1.7	1.82	0.926	0.278	2.16	0.377	86.2	3.94	42.7	0.261	4.93	NA	NA	NA	0.079	5.3	500	600	nd	40000	nd
Fluorene	(mg/kg)	0.078	<0.0022	<0.129	0.032	<0.227	<0.023	3	0.622	8.55	<0.024	0.796	NA	NA	NA	<0.012	<0.044	100	600	nd	40000	nd
Indeno(1,2,3-cd)pyrene	(mg/kg)	**0.381**	**0.532**	**0.32**	0.071	**1.1**	**0.104**	**17.8+**	**0.598**	**7.2+**	0.073	**0.901**	NA	NA	NA	0.017	**3.0**	680	0.088	54	3.9	750
1-Methylnapthalene	(mg/kg)	0.514	0.284	0.28	0.509	0.501	0.397	0.675	0.231	2.43	0.195	0.401	NA	NA	NA	NA	--	23	1100	nd	70000	nd
2-Methylnapthalene	(mg/kg)	<0.034	<0.036	0.297	0.553	0.627	0.501	0.769	0.24	3.29	0.216	0.464	NA	NA	NA	<0.012	<0.23	20	600	nd	40000	nd
Naphthalene	(mg/kg)	**1.87***	**0.902***	0.207	0.326	**0.649***	0.266	**1.27***	**0.478***	**7.43***	0.123	**0.69***	NA	NA	NA	<0.012	<0.23	0.4	60	20	4000	110
Phenanthrene	(mg/kg)	1.11	0.774	0.587	0.755	1.66	0.542	**34.1***	**4.68***	**44.5**	0.399	**5.26***	NA	NA	NA	0.033	**2.4***	1.8	18	160	390	1100
Pyrene	(mg/kg)	1.64	1.68	0.799	0.268	1.92	0.331	88.3	3.43	35.5	0.249	4.5	NA	NA	NA	0.055	4.6	8700	500	nd	30000	nd

Notes:
(p) - Reported result is less than the Practical Quantitation Limit
* - Exceeds NR 720/PAH Groundwater Pathway RCL
[redacted] - Exceeds NR 746 Table 1 Value/PAH Non-Industrial Direct Contact RCL
[redacted] + - Exceeds NR 746 Table 2 Direct Contact Value/PAH Industrial Direct Contact RCL



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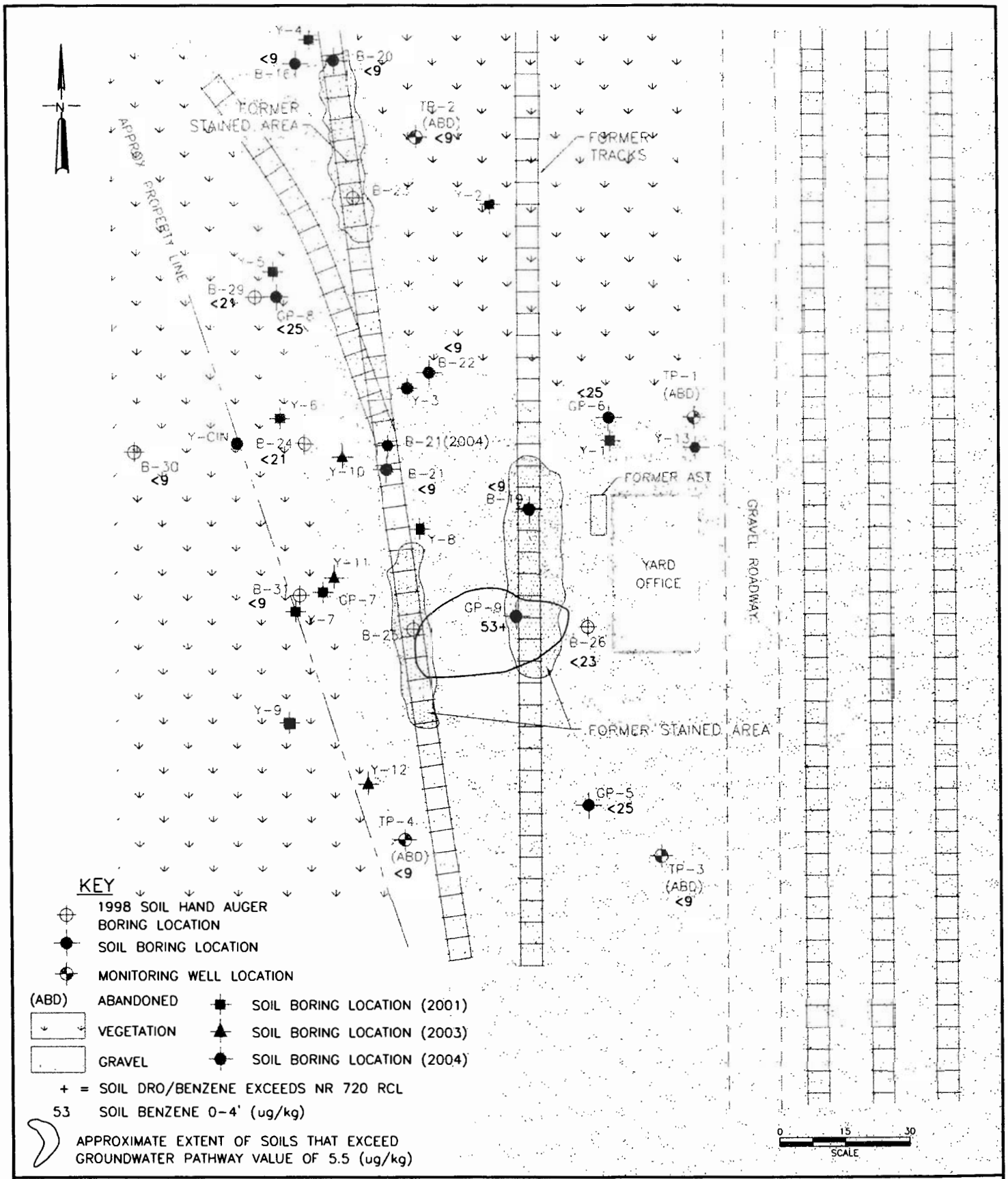
SOIL BORING LOCATIONS AND WATER ELEVATIONS
OSHKOSH STATION-YARD OFFICE
OSHKOSH, WISCONSIN
SOIL DRO CONCENTRATIONS

Drawn:	DJM	9/15/2004
Checked:	RJM	9/15/2004
Approved:		
PROJECT NUMBER	22046XJ	
FIGURE NUMBER	4	



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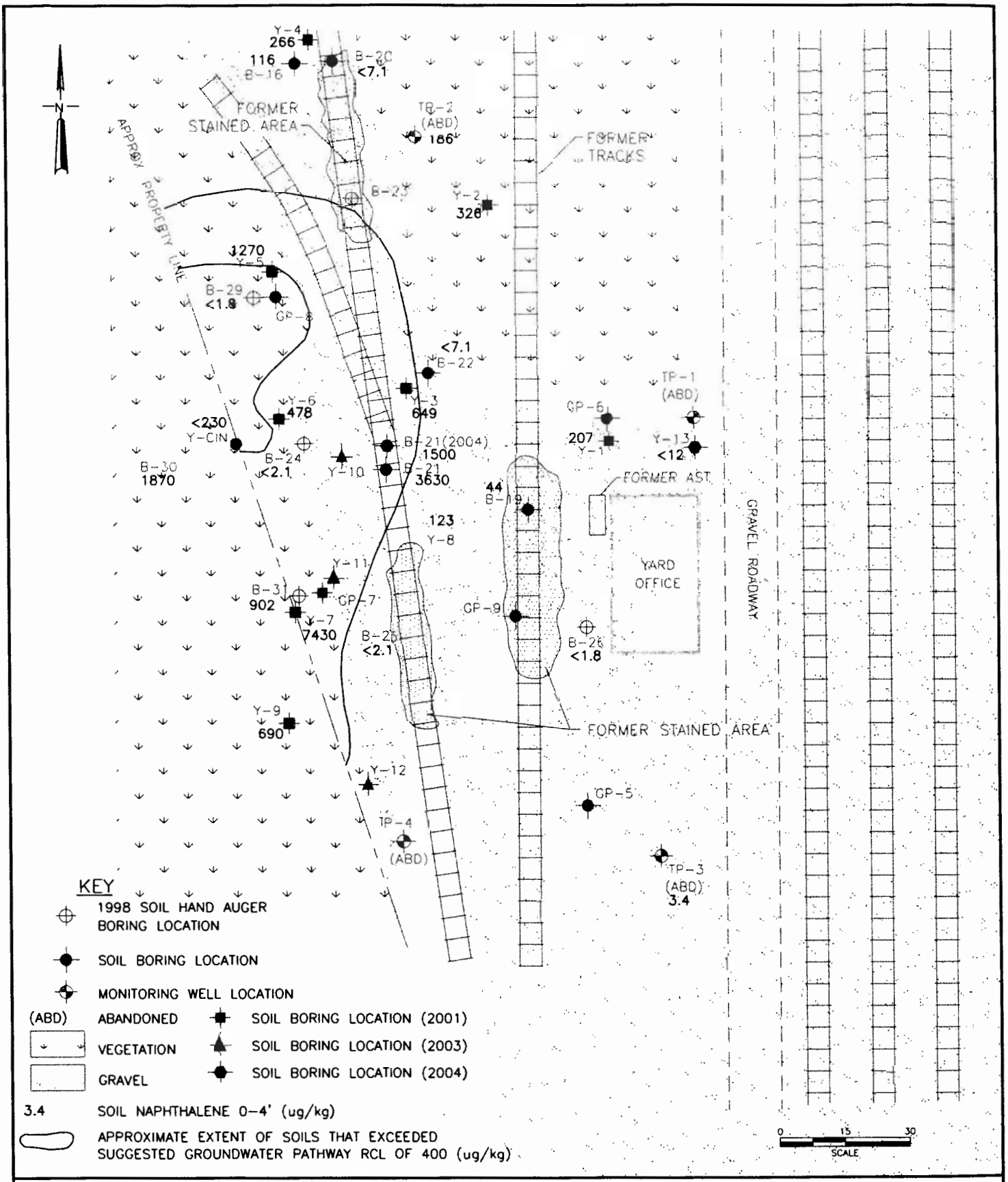
Checked:	RJM	9/15/2004
Approved:		
PROJECT NUMBER	22046XJ	
FIGURE NUMBER	5	



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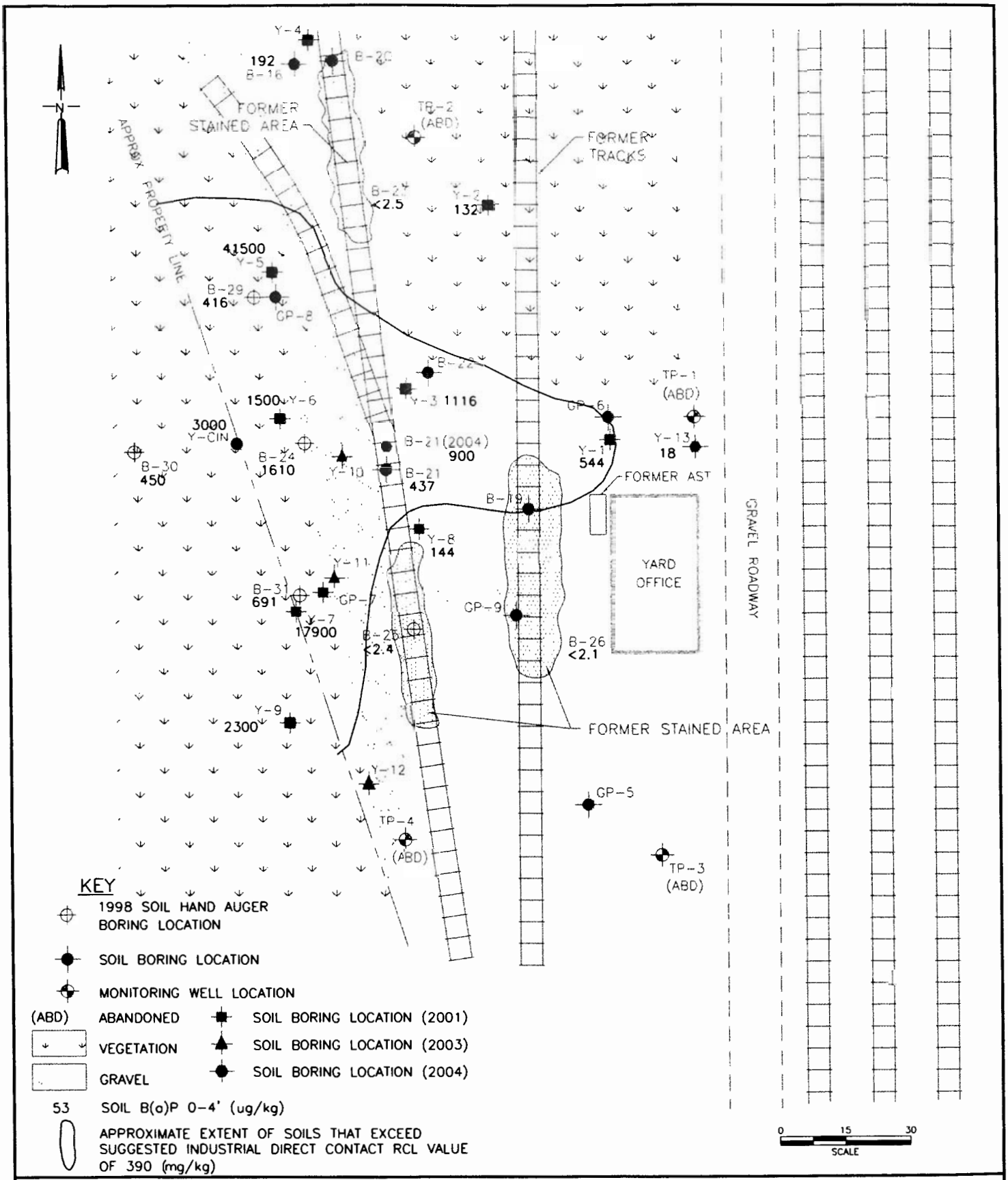
Checked:	RJM	9/15/2004
Approved:		
PROJECT NUMBER	22046XJ	
FIGURE NUMBER	6	



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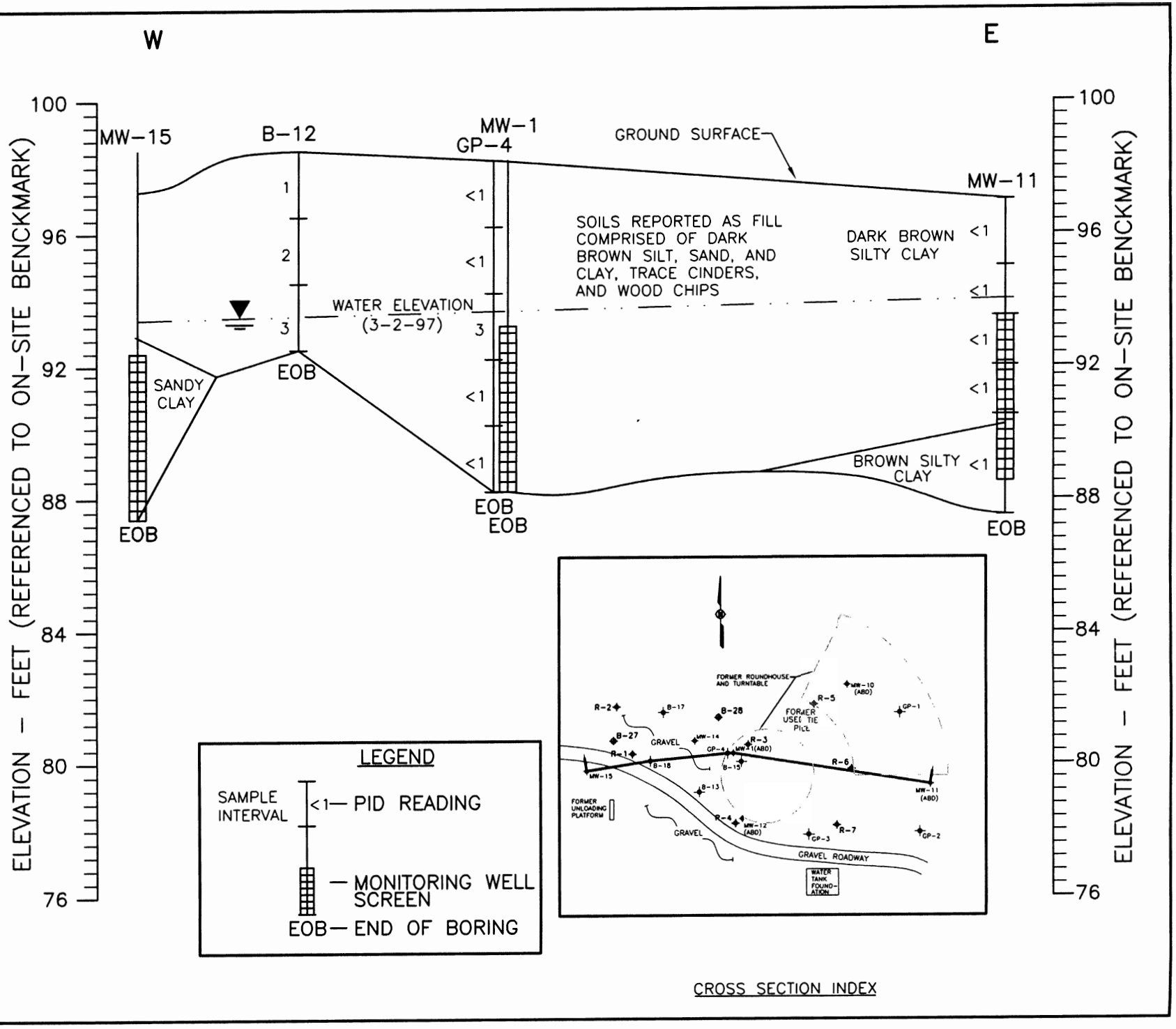
OSHKOSH, WISCONSIN
SOIL BENZO (A) PYRENE CONCENTRATIONS

Drawn:	DJM	9/15/2004
Checked:	RJM	9/15/2004
Approved:		
PROJECT NUMBER	22046XJ	
FIGURE NUMBER	7	



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CROSS - SECTION
OSHKOSH STATION - FORMER ROUNDHOUSE AREA
OSHKOSH, WISCONSIN

Drawn:	JRL	10/18/04
Checked:	RJM	10/18/2004
Approved:		
PROJECT NUMBER	22046XJ	
FIGURE NUMBER	8	

STATEMENT OF PROPERTY LEGAL DESCRIPTION

In substantial accordance with s.NR 726.05(3)f of the Wisconsin Administrative Code, I am providing this signed statement that to the best of my knowledge the attached Geographic Information System (GIS) coordinates provide corners for an area that encompasses the impacted area of concern within the right-of-way of Wisconsin Central Ltd. property located along Pioneer Drive, in the City of Oshkosh, Winnebago County, Wisconsin.

X Mark E. Gibson Date 4-07-05
(Signature)

Mark E. Gibson
(Name)

Project Mgr. Real Estate &
Business Development
(Title)

Wisconsin Central Ltd.
(Company)