GIS REGISTRY INFORMATION

SITE NAME:	HAMMERBLOW CORP SITE	
BRRTS #:	02 ~~-03-~~37-000608	**FID # (if appropriate):**
COMMERCE # (if appropriate):		
CLOSURE DATE:	22-Dec-04	
STREET ADDRESS:	1000 FIRST STREET	
CITY:	WAUSAU	

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection): **X=** 549079 **Y=** 499146

CONTAMINATED MEDIA:	Groundwater		Soil		Both	X
OFF-SOURCE GW CONTAMINATION >ES:			**Yes**	X	**No**	
OFF-SOURCE SOIL CONTAMINATION >Generic or Site-Specific RCL (SSRCL):			**Yes**	X	**No**	
CONTAMINATION IN RIGHT OF WAY:			**Yes**	X	**No**	

DOCUMENTS NEEDED:

Closure Letter, and any conditional closure letter issued	X
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	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)	X
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	X
GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees)	X
SOIL: Latest horizontal extent of contamination exceeding generic or SSRCLs, with one contour	
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)	
Letter informing ROW owner of residual contamination (if applicable)(public, highway or railroad ROW)	
Copy of (soil or land use) deed restriction(s) or deed notice *if any required as a condition of closure*	X

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
Scott Humrickhouse, Regional Director

Wausau Office
5301 Rib Mountain Drive
Wausau, Wisconsin 54401
Telephone 715-359-4522
FAX 715-355-5253

December 22, 2004

BRRTS #02-37-000608

MR JOHN SULLIVAN
CEQUENT TRAILER PRODUCTS
PO BOX 8
MOSINEE WI 54455

Subject: Final Case Closure, Hammerblow, 1000 First Street, Wausau, Wisconsin

Dear Mr. Sullivan:

On April 13, 2004, the Department of Natural Resources notified you that conditional closure was granted for your case. On December 20, 2004, the Department received the monitoring well abandonment forms, a copy of the recorded deed and the maintenance plan as required for closure of this site. Based on this correspondence, it appears that your case meets the requirements of ch. NR 726.05, Wisconsin Administrative Code. The Department considers this case closed and no further investigation or remediation is required at this time.

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 registry. To review the sites on the GIS Registry web page, visit http://gomapout.dnr.state.wi.us/org/at/et/geo/gwur/index.htm

Please be aware that the case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, or welfare or to the environment.

I appreciate the efforts you have taken to restore the environment at this site. If you have any questions regarding this letter, please contact me at (715) 359-6514.

Sincerely,

Lisa Gutknecht

Lisa Gutknecht
Remediation & Redevelopment Program

c: Bill Evans, Eau Claire
David Senfelds, Earth Tech

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
Scott Humrickhouse, Regional Director

Wausau Office
5301 Rib Mountain Drive
Wausau, Wisconsin 54401
Telephone 715-359-4522
FAX 715-355-5253

April 13, 2004

BRRTS #02-37-000608

FILE COPY

MR JOHN SULLIVAN
CEQUENT TRAILER PRODUCTS
PO BOX 8
MOSINEE WI 54455

Subject: Conditional Case Closure, Hammerblow, 1000 First Street, Wausau, Wisconsin

Dear Mr. Sullivan:

On April 8, 2004, the West Central Regional Closure Committee reviewed your request for closure of the case described above. The Department of Natural Resources reviews environmental remediation cases for compliance with state rules and statutes to maintain consistency in the closure of these cases. After careful review of the closure request, the Closure Committee has determined that the chlorinated compounds, metals and polynuclear aromatic hydrocarbons contamination on the site appears to have been investigated and remediated to the extent practicable under site conditions. Your case has been remediated to Department standards in accordance with s. NR 726, Wis. Adm. Code and will be closed if the following conditions are satisfied:

MONITORING WELL ABANDONMENT
The monitoring wells at the site must be properly abandoned in compliance with s. NR 141, Wis. Adm. Code. Documentation of well abandonment must be submitted to me on Form 3300-5B found at www.dnr.state.wi.us/org/water/dgw/gw/ or provided by the Department of Natural Resources.

DEED RESTRICTION FOR CONTAMINATED SOIL
To close this site, the Department requires that a deed restriction be signed and recorded to address the issue of the remaining soil contamination associated with the site. The purpose of the restriction is to maintain a surface barrier over the remaining soil contamination to prevent it from impacting human health and the environment. You have submitted a signed deed restriction with your closure. We will review the document for completeness and then you should have it recorded by the Marathon County Register of Deeds. Then you must submit a copy of the recorded document, with the recording information stamped on it, to me. Please be aware that if a deed restriction is recorded for the wrong property because of an inaccurate legal description that you have provided, you will be responsible for recording corrected documents at the Register of Deeds Office to correct the problem.

As part of the deed restriction, you must refer to the maintenance plan that you have for maintaining the building and pavement over the contaminated area. A copy of this plan was submitted with the closure packet. I have reviewed the plan and have asked your consultant to make changes and resubmit the plan.

PAVEMENT ADDITION

As part of your closure request you proposed to cap (pave) an area west of the building addition and existing paved area that includes monitoring well MW-2. This area must be paved before we can grant final closure of the site.

When the above conditions have been satisfied, please submit a letter to let me know that applicable conditions have been met, and your case will be closed. 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 registry. To review the sites on the GIS Registry web page, visit http://gomapout.dnr.state.wi.us/org/at/et/geo/gwur/index.htm

Please be aware that the case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, or welfare or to the environment.

I appreciate the efforts you have taken to restore the environment at this site. If you have any questions regarding this letter, please contact me at (715) 359-6514.

Sincerely,

Lisa Gutknecht

Lisa Gutknecht
Remediation & Redevelopment Program

c: Bill Evans, Eau Claire
David Senfelds, Earth Tech

253-211

120
6/15/33
P

WARRANTY DEED BY CORPORATION
715563

VOL 253 PAGE 211

THIS INDENTURE, Made this 10th day of June, A.D., 1977, between Lear Siegler, Inc. ("LSI"), a Corporation duly organized and existing under and by virtue of the laws of the State of Delaware, located at Santa Monica, California, party of the first part, and The Hammerblow Corporation, a Corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin, located at Wausau, Wisconsin, party of the second part.

WITNESSETH, That the said party of the first part, for and in consideration of the sum of One Dollar ($1.00) and other good and valuable consideration, to it in hand paid by the said party of the second part, the receipt whereof is hereby confessed and acknowledged, has given, granted, bargained, sold, remised, released, aliened, conveyed and confirmed, and by these presents does give, grant, bargain, sell, remise, release, alien, convey and confirm unto the said party of the second part, its successors and assigns forever, the following described real estate, situated in the County of Marathon and State of Wisconsin, to-wit:

That part of Lots eight (8), nine (9) and ten (10) in Block "F" of Stewart, Manson & Parcher's Addition to the City of Wausau, and of Lots five (5), six (6), seven (7) and eight (8) in Block "E", and Lots six (6) and seven (7) of Block "D" of McIndoe & Shuter's Addition to Village (now City) of Wausau, and of Government Lot six (6) in Section twenty-six (26), Township twenty-nine (29) North, Range seven (7) East, described as follows:

Commencing at the intersection of the South line of Fulton Street, extended Westerly and the Westerly boundary line of the Chicago, Milwaukee, St. Paul and Pacific Railway right-of-way, which point is marked by an iron monument, running thence Northerly along said Westerly line of the railroad right-of-way to a point which is 153.6 feet from the point of commencement, which point is marked by an iron monument, and is the point of beginning; thence Westerly at an included angle of 77° 51', 282.9 feet to a point which is marked by an iron pin set in concrete; thence Westerly in a straight line, parallel to the South line of Fulton Street extended Westerly, to the East bank of the Wisconsin River; thence Southerly along said East bank to its intersection with the Northwesterly boundary line of the Chicago, Milwaukee, St. Paul and Pacific Railway right-of-way; thence Northerly along said Westerly line of said right-of-way to the point of beginning; and

That part of Lots one (1) and two (2) and the South four (4) feet of Lot three (3), all in Block "F" of Stewart, Manson & Parcher's Addition to the City of Wausau, lying Easterly of the Railroad right-of-way; and

Lot four (4) in Block "E" of McIndoe & Shuter's Addition to Village (now City) of Wausau, except the Railroad right-of-way. (By Lot four (4) it is intended here to describe the Northerly sixty (60) feet of the East one-half (E½) of said Block "E".)

Subject to railroad right-of-ways, streets, roadways, flowage rights, power transmission and distribution line easements, covenants, conditions, easements, restrictions and reservations of record.

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

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

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

IN WITNESS WHEREOF, the said Lear Siegler, Inc., party of the first part, has caused these presents to be signed by Robert U. Grant its Vice President, and countersigned by James N. Thayer its Secretary, at Santa Monica, California, and its corporate seal to be hereunto affixed, this 10th day of June, 1977.

LEAR SIEGLER, INC.

By Robert U. Grant
Robert U. Grant
Vice-President

Countersigned:

James N. Thayer
James N. Thayer
Secretary

STATE OF CALIFORNIA)
) ss.
COUNTY OF LOS ANGELES)

Personally came before me, this 10 day of June, 1977, Robert U. Grant, its Vice President, and James N. Thayer its Secretary of the above named Corporation, to me known to be the persons who executed the foregoing instrument, and to me known to be such Vice President and Secretary of said Corporation, and acknowledged that they executed the foregoing instrument as such officers as the deed of said Corporation, by its authority.

Eleanor M. Jenkins
Eleanor M. Jenkins
Notary Public, Los Angeles County, California
My Commission

OFFICIAL SEAL
ELEANOR M. JENKINS
NOTARY PUBLIC - CALIFORNIA
LOS ANGELES COUNTY
My Comm. Expires Feb 26, 1979

THIS INSTRUMENT WAS DRAFTED BY

Rodney Lee Young
Attorneys at Law
Wausau, Wisconsin 54401

Return to:
O'Sullivan Wolff Karpell & Gray
210 Park Ave.
New York, N.Y. 10017

RECEIVED FOR RECORD
JUN 15 1977

Marathon County Land Record

Report Generated:
12/15/2003 at 4:16:36 PM

Request: 29129072530188
PIN: 291-2907-253-0188
Parcel: 59-7040-00F-001-00-00
Municipality: City of WAUSAU

For reference purposes only.

No warranties are expressed or implied for the data provided.

View Type: Public

Account:

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(1) General Parcel Information:

PIN	291-2907-253-0188
Parcel Number	59-7040-00F-001-00-00
Parcel Status	Active
Sale Type	Undefined
Sale Date	N/A
Sale Amount	$0.00
Transfer Tax	$0.00
Deed Type	Undefined
Deed Reference	R73-479/486 253-211
Mailing Address	PO BOX 419 WAUSAU WI 54402-0419

(3) Parcel Addresses:

Address # 1	920 N 1ST ST WAUSAU WI 54403
Address # 2	1000 N 1ST ST WAUSAU WI 54403

(14) Zoning:

1 Zoning Record(s) on File.

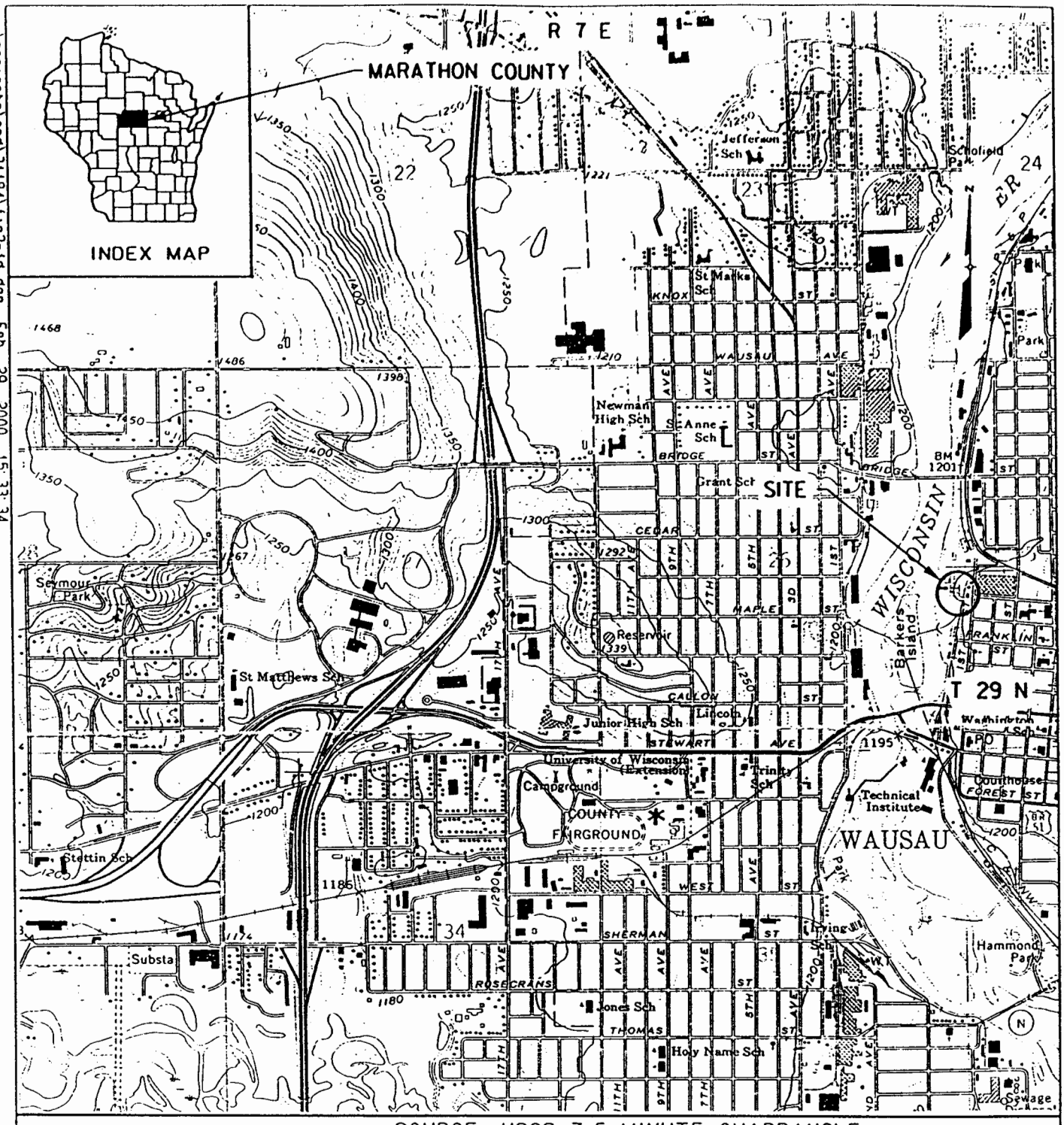
Tax Year	Flood Plain	Wetlands	Zoning	Ordinance
1996	P		1) B2 2) M2	

Log Out | Main Menu | LRS Menu | Go back

HammerBlow Corporation Site
1000 First Street
Wausau, WI 54402

Parcel Identification Number: 291-2907-253-0188

Geographic Position Data: 549079, 499146



SOURCE: USGS 7.5 MINUTE QUADRANGLE,
WAUSAU WEST, WISCONSIN, 1963

SCALE 1:24000

1 1/2 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL

EARTH TECH

FIGURE 2-1
SITE LOCATION MAP
HAMMERBLOW CORPORATION SITE
WAUSAU, WISCONSIN
NCD UID NO. 02-37-000608

...\projects\erd\31184\fig2-1d.dgn Feb. 29, 2000 15:33:34

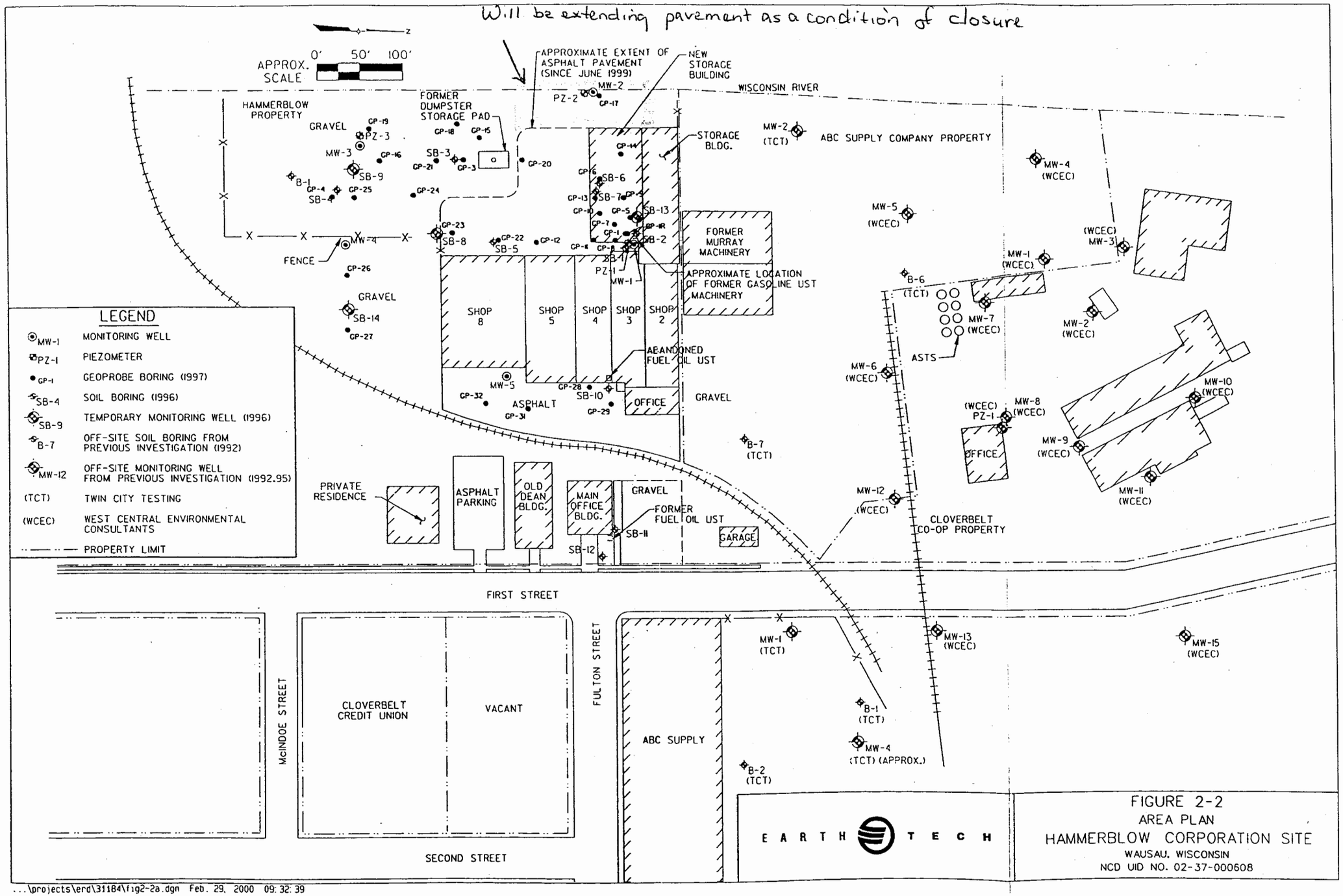


FIGURE 2-2
AREA PLAN
HAMMERBLOW CORPORATION SITE
WAUSAU, WISCONSIN
NCD UID NO. 02-37-000608

...\projects\erd\31184\fig2-2a.dgn Feb. 29, 2000 09:32:39

TABLE 4-3
GROUNDWATER SAMPLE ANALYTICAL RESULTS
CEQUENT TRAILER PRODUCTS (FORMER HAMMERBLOW CORPORATION) SITE
1000 FIRST STREET
WAUSAU, WISCONSIN
DNR BRRTS NO. 02-37-000608

		Sample I.D.:	MW-1						PZ-1						MW-2						PZ-2			
		Sample Date:	08/21/98	08/21/98 (Duplicate)	12/03/98	04/14/99	07/23/99	09/12/03	08/21/98	12/03/98	04/14/99	07/23/99	07/23/99 (Duplicate)	09/12/03	08/21/98	12/03/98	12/03/98 (Duplicate)	04/14/99	07/23/99	09/12/03	04/14/99	04/14/99 (Duplicate)	07/23/99	09/12/03
Analyte	**ES (ug/l)**	**PAL (ug/l)**																						
VOCs (ug/l)																								
Benzene	**5**	**0.5**	<0.27	<0.27	<0.27	<0.27	0.27 #	<0.31	<0.27	<0.27	<0.27	<0.27	<0.27	<0.31	<0.27	<0.27	<0.27	<0.27	<0.27	<0.31	<0.27	<0.27	<0.27	<0.31
Chlorobenzene			<0.23	<0.23	<0.23	<0.23	0.78 #	<0.31	<0.23	<0.23	<0.23	<0.23	<0.23	<0.31	<0.23	<0.23	<0.23	<0.23	<0.23	<0.31	<0.23	<0.23	<0.23	<0.31
Chloroethane	**400**	**80**	<0.54	<0.54	<0.54	<0.54	0.78	0.443[J]	<0.54	<0.54	<0.54	<0.54	<0.54	<0.44	<0.54	<0.54	<0.54	<0.54	<0.54	<0.44	<0.54	<0.54	<0.54	<0.44
1,1-Dichloroethene			<0.43	<0.43	<0.43	0.56 #	1.6	<0.39	<0.43	<0.43	<0.43	<0.43	<0.43	<0.39	<0.43	<0.43	<0.43	<0.43	<0.43	<0.39	<0.43	<0.43	<0.43	<0.39
cis 1,2 Dichloroethene	**70**	**7**	**8**	**12**	3.8	**19**	**50**	5.04	3	2.9	2.5	6.5	6.1	<0.23	**22**	**8.7**	**9.3**	**7.3**	**14**	1.29	0.28 #	<0.28	<0.28	<0.23
1,4-Dichlorobenzene	**75**	**15**	<0.30	<0.30	0.3 #	<0.30	0.33 #	<0.30	<0.30	<0.30	<0.30	0.30 #	0.40 #	<0.30	<0.30	<0.30	<0.30	<0.30	0.42 #	<0.30	<0.30	<0.30	0.34 #	<0.30
Ethylbenzene	**700**	**140**	<0.32	<0.32	<0.32	0.63 #	0.47 #	<0.50	<0.32	<0.32	<0.32	0.47 #	1.1	<0.50	<0.32	<0.32	<0.32	<0.32	<0.32	<0.50	<0.32	<0.32	<0.32	<0.50
p-Isopropyltoluene			0.63 #	1.1	<0.24	<0.24	<0.24	<0.32	0.28 #	<0.24	<0.24	<0.24	<0.24	<0.32	13	0.41 #	0.39 #	<0.24	<0.24	<0.32	<0.24	<0.24	<0.24	<0.32
Methylene Chloride	**5**	**0.5**	<0.36	<0.36	<0.36	<0.36	<0.36	<0.51	<0.36	<0.36	<0.36	<0.36	<0.36	<0.51	<0.36	<0.36	<0.36	<0.36	<0.36	<0.51	<0.36	<0.36	<0.36	<0.51
Naphthalene	**40**	**8**	<0.35	<0.35	<0.35	<0.35	<0.35	<0.80	<0.35	<0.35	<0.35	<0.35	<0.35	<0.80	1.9	0.49 #	0.43 #	<0.35	<0.35	<0.80	<0.35	<0.35	<0.35	<0.80
Trichloroethene	**5**	**0.5**	**1.3**	**2.6**	<0.37	**7.2**	**28**	**0.504[J]**	0.41 #	0.37 #	0.44 #	**2**	**2.4**	<0.36	**2**	**0.82 #**	**0.94 #**	**0.89 #**	**1.6**	<0.36	<0.37	<0.37	<0.37	<0.36
Toluene	**343**	**68.6**	<0.27	<0.27	<0.27	<0.27	0.9	<0.30	<0.27	<0.27	<0.27	0.67	1.3	<0.30	0.78 #	<0.27	<0.27	<0.27	1.1	<0.30	2.3	2.2	1.1	<0.30
Vinyl Chloride	**0.2**	**0.02**	**4.4**	**5.4**	**4.7**	**5.8**	**11**	**3.25**	**2.7**	**2.5**	**1.4**	**2.1**	**2.6**	<0.20	**11**	**12**	**13**	**9.6**	**15**	**11.8**	<0.20	<0.20	<0.20	<.20
Xylene	**620**	**124**	<0.67	<0.67	<0.67	3.25	1.86 #	<0.92	0.55 #	<0.67	<0.67	2.2 #	5	<0.92	<0.67	<0.67	<0.67	<0.67	<0.67	<0.92	<0.67	<0.67	<0.67	<0.92
PAHs (ug/l)																								
Acenaphthene			<0.47	<0.47	<0.47	<0.47	<0.47	--	<0.47	<0.47	<0.47	<0.47	<0.47	--	0.56 #	<0.47	<0.47	<0.47	<0.47	--	<0.47	<0.47	<0.47	--
Anthracene			<0.021	<0.021	<0.021	<0.021	<0.021	--	0.059 #	0.042 #	0.097	0.092	0.1	--	<0.021	<0.021	<0.021	0.024 #	<0.021	--	<0.021	<0.021	<0.021	--
Benzo(a)anthracene			<0.014	0.017 #	<0.014	0.020 #	<0.014	--	<0.014	<0.014	<0.014	<0.014	<0.014	--	<0.014	<0.014	<0.014	<0.014	<0.014	--	<0.014	<0.014	<0.014	--
Benzo(b)fluoranthene	**0.2**	**0.02**	**0.021 #**	**0.066**	0.017 #	**0.044 #**	**0.030 #**	--	<0.015	<0.015	<0.015	<0.015	<0.015	--	<0.015	0.018	<0.015	<0.015	0.019 #	--	<0.015	<0.015	<0.015	--
Benzo(k)fluoranthene			0.012 #	0.019 #	<0.0090	0.013 #	0.022	--	<0.0090	<0.0090	<0.0090	<0.0090	<0.0090	--	0.0100 #	<0.0090	<0.0090	<0.0090	0.012 #	--	<0.0090	<0.0090	<0.0090	--
Benzo(g,h,i)perylene			<0.021	0.028 #	<0.021	0.071	0.033	--	<0.021	<0.021	<0.021	<0.021	<0.021	--	<0.021	<0.021	<0.021	0.026 #	<0.021	--	<0.021	<0.021	<0.021	--
Benzo(a)pyrene	**0.2**	**0.02**	0.017 #	**0.025 #**	<0.015	**0.037 #**	**0.038 #**	--	<0.015	<0.015	<0.015	<0.015	<0.015	--	0.016 #	<0.015	<0.015	**0.020 #**	**0.030 #**	--	<0.015	<0.015	<0.015	--
Chrysene	**0.2**	**0.02**	<0.016	**0.020 #**	<0.016	<0.016	0.019 #	--	<0.016	<0.016	<0.016	<0.016	<0.016	--	<0.016	<0.016	<0.016	<0.016	<0.016	--	<0.016	<0.016	<0.016	--
Dibenzo(a,h)anthracene			<0.020	0.022 #	<0.020	<0.020	0.029 #	--	<0.020	<0.020	<0.020	<0.020	<0.020	--	<0.020	<0.020	<0.020	<0.020	<0.020	--	<0.020	<0.020	<0.020	--
Fluoranthene			<0.015	<0.015	<0.015	<0.015	0.015 #	--	<0.015	<0.015	0.017 #	0.025 #	0.023 #	--	0.037 #	0.035 #	0.036 #	0.018 #	0.059	--	<0.015	<0.015	<0.015	--
Fluorene	**400**	**80**	<0.058	<0.058	<0.058	<0.058	<0.058	--	<0.058	<0.058	<0.058	<0.058	<0.058	--	0.2	0.092 #	0.11 #	<0.058	<0.058	--	<0.058	<0.058	<0.058	--
Indeno(1,2,3-cd)pyrene			0.035 #	0.067 #	<0.025	0.043 #	0.11	--	<0.025	<0.025	<0.025	<0.025	<0.025	--	0.026 #	0.049 #	<0.025	<0.025	0.062 #	--	<0.025	<0.025	<0.025	--
2-Methyl naphthalene			<0.36	<0.36	<0.36	<0.36	<0.36	--	<0.36	<0.36	<0.36	<0.36	<0.36	--	0.38 #	<0.36	<0.36	<0.36	<0.36	--	<0.36	<0.36	<0.36	--
Naphthalene	**40**	**8**	<0.42	<0.42	<0.42	<0.42	<0.42	--	<0.42	<0.42	<0.42	<0.42	<0.42	--	2.1	<0.42	<0.42	<0.42	<0.42	--	<0.42	<0.42	<0.42	--
Phenanthrene			<0.046	<0.046	<0.046	<0.046	<0.046	--	0.23	0.19	0.23	0.31	0.33	--	0.24	0.12 #	0.16 #	0.071 #	0.11 #	--	<0.046	<0.046	<0.046	--
Pyrene	**250**	**50**	<0.017	<0.017	<0.017	<0.017	<0.017	--	<0.017	<0.017	<0.017	<0.017	<0.017	--	0.032 #	0.029 #	0.033 #	0.018 #	0.055	--	<0.017	<0.017	<0.017	--
Metals (ug/l)																								
Arsenic	**50**	**5**	14	10	<2.9	<2.6	<6.8	--	**25**	**7.3 #**	**7.4 #**	<6.8	<6.8	--	**13**	<2.9	<2.9	<2.6	<6.8	--	<2.9	<2.9	<6.8	--
Barium	**2,000**	**400**	330	340	350	310	200	--	320	310	280	240	220	--	180	86	87	65	74	--	70	74	60	--

Notes:

1. ES - Enforcement Standard identified in Chapter NR 140, Wisconsin Administrative Code.
2. PAL - Preventive Action Limit identified in Chapter NR 140, Wisconsin Administrative Code.
3. -- - Not Analyzed
4. Bold with outline indicates exceedance of ES.
5. Bold indicates exceedance of PAL.
6. Only VOCs/PAHs/Metals which were detected at or above the laboratory detection limit are listed in this table.
7. Depth to groundwater ranges from 9.2 ft. to12.2 ft. below ground surface.
8. # - Indicates detection below the LOQ (Limit of Quantitation) and above the LOD (Limit of Detection).
9. Methylene chloride and 1,4-Dichlorobenzene were present in the laboratory environment, and detects should be considered suspect.
10. [CSH] means "Check standard for this analyte exhibited a high bias. Sample results may also be biased high."
11. [J] means "Estimated concentration below laboratory quantitation level.

L:\work\Wp\reprts2003\31184\[table4-3_pje.xls]GW Analytical Results

TABLE 4-3 (cont.)
GROUNDWATER SAMPLE ANALYTICAL RESULTS
CEQUENT TRAILER PRODUCTS (FORMER HAMMERBLOW CORPORATION) SITE
1000 FIRST STREET
WAUSAU, WISCONSIN
DNR BRRTS NO. 02-37-000608

		Sample I.D.:	MW-3					PZ-3					MW-4					MW-5			Trip Blank				
		Sample Date:	08/21/98	12/03/98	04/14/99	07/23/99	09/12/03	08/21/98	12/03/98	04/14/99	07/23/99	09/12/03	08/21/98	12/03/98	04/14/99	07/23/99	09/12/03	04/14/99	07/23/99	09/12/03	08/21/98	12/03/98	04/14/99	07/23/99	09/12/03
Analyte	**ES (ug/l)**	**PAL (ug/l)**																							
VOCs (ug/l)																									
Benzene	**5**	**0.5**	<0.27	<0.27	<0.27	<0.27	<0.31	<0.27	<0.27	<0.27	<0.27	<0.31	<0.27	<0.27	<0.27	<0.27	<0.31	<0.27	<0.27	<0.31	<0.27	<0.27	<0.27	<0.27	<0.31
Chlorobenzene			<0.23	<0.23	<0.23	<0.23	<0.31	<0.23	<0.23	<0.23	<0.23	<0.31	<0.23	<0.23	<0.23	<0.23	<0.31	<0.23	<0.23	<0.31	<0.23	<0.23	<0.23	<0.23	<0.31
Chloroethane	**400**	**80**	<0.54	<0.54	<0.54	<0.54	<0.44	<0.54	<0.54	<0.54	<0.54	<0.44	<0.54	<0.54	<0.54	<0.54	<0.44	<0.54	<0.54	<0.44	<0.54	<0.54	<0.54	<0.54	<0.44
1,1-Dichloroethene			<0.43	<0.43	<0.43	<0.43	<0.39	<0.43	<0.43	<0.43	<0.43	<0.39	<0.43	<0.43	<0.43	<0.43	<0.39	<0.43	<0.43	<0.39	<0.43	<0.43	<0.43	<0.43	<0.36
cis 1,2 Dichloroethene	**70**	**7**	<0.28	<0.28	<0.28	<0.28	<0.23	<0.28	<0.28	<0.28	<0.28	<0.23	<0.28	<0.28	<0.28	<0.28	<0.23	<0.28	<0.28	<0.23	<0.28	<0.28	<0.28	<0.28	<0.23
1,4-Dichlorobenzene	**75**	**15**	<0.30	<0.30	<0.30	<0.30	<0.3	<0.30	<0.30	<0.30	0.33 #	<0.3	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	1.4	0.97	2.7	5.3	1.3
Ethylbenzene	**700**	**140**	<0.32	<0.32	<0.32	<0.32	<0.5	<0.32	<0.32	<0.32	<0.32	<0.5	<0.32	<0.32	<0.32	<0.32	<0.50	<0.32	<0.32	<0.50	<0.32	<0.32	<0.32	<0.32	<0.5
p-Isopropyltoluene			27	0.99	<0.24	<0.24	<0.32	2.6	0.91	<0.24	<0.24	<0.32	6.5	1.1	<0.24	<0.24	<0.32	2.4	0.69	<0.32	<0.24	<0.24	<0.24	<0.24	<0.32
Methylene Chloride	**5**	**0.5**	**0.55 #**	<0.36	0.36 #	<0.36	<0.51	**0.79 #**	<0.36	<0.36	<0.36	<0.51	<0.36	<0.36	<0.36	<0.36	<0.51	<0.36	<0.36	<0.51	**0.61 #**	**1.5**	<0.36	<0.36	<0.51
Naphthalene	**40**	**8**	<0.35	<0.35	<0.35	<0.35	<0.8	<0.35	<0.35	<0.35	<0.35	<0.8	<0.35	<0.35	<0.35	<0.35	<0.80	<0.35	<0.35	<0.80	<0.35	<0.35	<0.35	<0.35	<0.8
Trichloroethene	**5**	**0.5**	<0.37	<0.37	<0.37	<0.37	<0.36	<0.37	<0.37	<0.37	<0.37	<0.36	<0.43	<0.37	<0.37	<0.37	<0.36	<0.37	<0.37	<0.36	<0.37	<0.37	<0.37	<0.37	<0.36
Toluene	**343**	**68.6**	0.31 #	<0.27	<0.27	0.53	<0.3	81	<0.27	<0.27	0.068 #	<0.3	0.29 #	7.9	<0.27	1	<0.30	<0.27	0.71 #	<0.30	<0.27	<0.27	<0.27	<0.27	<0.3
Vinyl Chloride	**0.2**	**0.02**	<0.20	<0.20	<0.20	<0.20	<0.2	<0.20	<0.20	<0.20	<0.20	<0.2	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.2
Xylene	**620**	**124**	<0.67	<0.67	<0.67	<0.67	<0.92	<0.67	<0.67	<0.67	<0.67	<0.92	<0.67	<0.67	<0.67	<0.67	<0.92	<0.67	<0.67	<0.92	<0.67	<0.67	<0.67	<0.67	<0.92
PAHs (ug/l)																									
Acenaphthene			<0.47	<0.47	<0.47	<0.47	--	<0.47	<0.47	<0.47	<0.47	--	<0.47	<0.47	<0.47	<1.4	--	<0.47	<0.47	--	--	--	--	--	--
Anthracene			<0.021	<0.021	<0.021	<0.021	--	<0.021	<0.021	<0.021	<0.021	--	<0.021	<0.021	0.034 #	<0.063	--	<0.021	<0.021	--	--	--	--	--	--
Benzo(a)anthracene			<0.014	<0.014	<0.014	<0.014	--	<0.014	<0.014	<0.014	<0.014	--	<0.014	<0.014	0.040 #	0.061 #	--	<0.014	0.016 #	--	--	--	--	--	--
Benzo(b)fluoranthene	**0.2**	**0.02**	**0.031 #**	<0.015	<0.015	<0.015	--	**0.042 #**	<0.015	<0.015	<0.015	--	**0.062**	<0.015	**0.09**	**0.12 #**	--	<0.015	**0.020 #**	--	--	--	--	--	--
Benzo(k)fluoranthene			0.014 #	<0.0090	<0.0090	0.011 #	--	0.011 #	<0.0090	<0.0090	<0.0090	--	0.022 #	<0.0090	0.039	0.072 #	--	<0.0090	0.0096 #	--	--	--	--	--	--
Benzo(g,h,i)perylene			<0.021	<0.021	0.039 #	<0.021	--	<0.021	<0.021	<0.021	<0.021	--	0.045 #	<0.021	0.11	0.17 #	--	<0.021	<0.021	--	--	--	--	--	--
Benzo(a)pyrene	**0.2**	**0.02**	**0.024 #**	<0.015	<0.015	<0.015	--	<0.015	<0.015	<0.015	<0.015	--	**0.056**	<0.015	**0.099**	**0.19**	--	<0.015	**0.020 #**	--	--	--	--	--	--
Chrysene	**0.2**	**0.02**	<0.016	<0.016	<0.016	0.016 #	--	0.017 #	<0.016	<0.016	<0.016	--	**0.041 #**	<0.016	**0.072**	**0.091 #**	--	<0.016	<0.016	--	--	--	--	--	--
Dibenzo(a,h)anthracene			0.021 #	<0.020	<0.020	<0.020	--	<0.020	<0.020	<0.020	<0.020	--	0.030 #	<0.020	0.11	0.24	--	<0.020	<0.020	--	--	--	--	--	--
Fluoranthene			0.016 #	<0.015	<0.015	0.016 #	--	<0.015	<0.015	<0.015	<0.015	--	0.057	<0.015	0.12	0.25	--	0.023 #	0.040 #	--	--	--	--	--	--
Fluorene	**400**	**80**	<0.058	<0.058	<0.058	<0.058	--	<0.058	<0.058	<0.058	<0.058	--	<0.058	<0.058	<0.058	<0.17	--	<0.058	<0.058	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene			0.069 #	<0.025	<0.025	0.033 #	--	0.15	<0.025	<0.025	<0.025	--	0.15	<0.025	0.22	0.61	--	<0.025	<0.025	--	--	--	--	--	--
2-Methyl naphthalene			<0.36	<0.36	<0.36	<0.36	--	<0.36	<0.36	<0.36	<0.36	--	<0.36	<0.36	<0.36	<1.1	--	<0.36	<0.36	--	--	--	--	--	--
Naphthalene	**40**	**8**	<0.42	<0.42	<0.42	<0.42	--	<0.42	<0.42	<0.42	<0.42	--	<0.42	<0.42	<0.42	<1.3	--	<0.42	<0.42	--	--	--	--	--	--
Phenanthrene			<0.046	<0.046	<0.046	<0.046	--	<0.046	<0.046	<0.046	<0.046	--	0.12 #	<0.046	0.098 #	0.19 #	--	0.073 #	0.055 #	--	--	--	--	--	--
Pyrene	**250**	**50**	<0.017	<0.017	<0.017	<0.017	--	<0.017	<0.017	<0.017	<0.017	--	0.049 #	<0.017	0.11	0.23	--	0.017	0.035 #	--	--	--	--	--	--
Metals (ug/l)																									
Arsenic	**50**	**5**	**12**	<2.9	<2.6	<6.8	--	**14**	<2.9	<2.6	<6.8	--	**19**	<2.9	<2.6	<14	--	**9.9**	**8.2 #**	**23.5**	--	--	--	--	--
Barium	**2,000**	**400**	**590**	**630**	**490**	**440**	--	120	230	210	220	--	320	280	130	140	--	370	330	--	--	--	--	--	--

Notes:

1. ES - Enforcement Standard identified in Chapter NR 140, Wisconsin Administrative Code.
2. PAL - Preventive Action Limit identified in Chapter NR 140, Wisconsin Administrative Code.
3. -- - Not Analyzed
4. Bold with outline indicates exceedance of ES.
5. Bold indicates exceedance of PAL.
6. Only VOCs/PAHs/Metals which were detected at or above the laboratory detection limit are listed in this table.
7. Depth to groundwater ranges from 9.2 ft. to12.2 ft. below ground surface.
8. # - Indicates detection below the LOQ (Limit of Quantitation) and above the LOD (Limit of Detection).
9. Methylene chloride and 1,4-Dichlorobenzene were present in the laboratory environment, and detects should be considered suspect.
10. ^{CSH} means "Check standard for this analyte exhibited a high bias. Sample results may also be biased high."
11. ^{J} means "Estimated concentration below laboratory quantitation level.

TABLE 2-6

GROUNDWATER SAMPLE ANALYTICAL RESULTS
FEBRUARY 1997
HAMMERBLOW CORPORATION
WAUSAU, WISCONSIN

		Sample I.D.:	GP-01	GP-03	GP-04	GP-05	GP-07	GP-10	GP-17	GP-18	GP-19	GP-24	GP-25	GP-26	GP-27	GP-28	GP-29	GP-31	GP-32	Trip Blank	Trip Blank
		Sample Depth Interval (feet):	13-15	11-15	11-15	7-11	7-11	10-12	9-13	9-13	9-13	11-13	13-15	13-15	13-15	13-15	16-20	17-19	17-19	---	---
		Sample Date:	02/20/97	02/20/97	02/20/97	02/20/97	02/20/97	02/20/97	02/21/97	02/21/97	02/21/97	02/21/97	02/21/97	02/21/97	02/21/97	02/21/97	02/21/97	02/22/97	02/22/97	02/21/97	02/22/97
		Consultant:	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW
Analyte	**ES (ug/l)**	**PAL (ug/l)**																			
VOCs (ug/l)																					
n-Butylbenzene			ND	ND	ND	ND	1.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
s-Butylbenzene			ND	ND	ND	ND	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis 1,2 Dichloroethene	70	7	ND	ND	ND	ND	ND	ND	2.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	700	140	ND	ND	ND	ND	ND	ND	ND	ND	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene			ND	ND	ND	ND	0.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene			25	ND	0.9	0.8	1.4	1.5	ND	ND	8.5	ND	0.8	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene			ND	ND	ND	ND	0.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	0.5	ND	ND	ND	ND	ND	ND	**2.3**	ND	ND	**1.2**	ND	**0.9**	ND	ND	ND	ND	ND	ND	ND
Toluene	343	68.6	ND	ND	ND	ND	ND	ND	ND	ND	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4 Trimethylbenzene			ND	ND	ND	2.0	9.6	2.1	ND	ND	ND	ND	ND	ND	ND	ND	0.3	ND	ND	ND	ND
1,3,5 Trimethylbenzene			ND	ND	ND	0.7	3.2	0.5	ND	ND	ND	ND	ND	ND	ND	ND	0.2	ND	ND	ND	ND
Vinyl Chloride	0.2	0.02	ND	ND	ND	ND	ND	ND	**1.3**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylene	620	124	ND	ND	ND	0.8	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAHs (ug/l)																					
Benzo(a)anthracene			--	ND	ND	ND	--	--	0.68	ND	ND	--	--	--	--	--	--	ND	ND	--	--
Benzo(b)fluoranthene			--	ND	ND	ND	--	--	0.82	ND	ND	--	--	--	--	--	--	0.21	ND	--	--
Benzo(k)fluoranthene			--	ND	ND	ND	--	--	0.44	ND	ND	--	--	--	--	--	--	ND	ND	--	--
Benzo(g,h,i)perylene			--	ND	ND	ND	--	--	0.25	ND	ND	--	--	--	--	--	--	ND	ND	--	--
Benzo(a)pyrene	0.2	0.02	--	ND	ND	ND	--	--	**0.49**	ND	ND	--	--	--	--	--	--	ND	ND	--	--
Fluoranthene			--	ND	ND	ND	--	--	0.75	ND	ND	--	--	--	--	--	--	ND	ND	--	--
1-Methyl naphthalene			--	ND	ND	3.5	--	--	ND	ND	ND	--	--	--	--	--	--	ND	ND	--	--
2-Methyl naphthalene			--	ND	ND	3.5	--	--	ND	ND	ND	--	--	--	--	--	--	ND	ND	--	--
Naphthalene	40	8	ND	ND	ND	2.1	5.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene			--	ND	ND	ND	--	--	0.43	ND	ND	--	--	--	--	--	--	ND	ND	--	--
Metals (ug/l)																					
Arsenic	50	5	--	**38**	ND	ND	--	--	**47**	1	ND	--	--	ND	--	--	--	**12**	**17**	--	--
Barium	2,000	400	--	115	**1020**	**466**	--	--	173	299	**540**	--	--	**607**	--	--	--	304	**505**	--	--
Selenium	50	10	--	1	ND	ND	--	--	ND	ND	ND	--	--	--	--	--	--	ND	ND	--	--

Notes:
ES - Enforcement Standard identified in Chapter NR 140, Wisconsin Administrative Code.
PAL - Preventive Action Limit identified in Chapter NR 140, Wisconsin Administrative Code.
MW - Montgomery Watson
ND - No detectable analyte at or above the laboratory detection limit.
-- - Not Analyzed
Bold and shading indicates exceedance of ES.
Bold without shading indicats exceedance of PAL.
Only VOCs/PAHs which were detected at or above the laboratory detection limit are listed in this table.
Depth to groundwater ranges from 6.5 ft. to 9 ft. below ground surface.

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TABLE 2-5

GROUNDWATER SAMPLE ANALYTICAL RESULTS
DECEMBER 1996
HAMMERBLOW CORPORATION
WAUSAU, WISCONSIN

		Sample I.D.:	SB-1		SB-2	SB-7	SB-8	SB-9	SB-10	SB-13						SB-14					Trip Blank	Trip Blank	Pump Blank
		Sample Depth Interval (feet):	7-10	7-10	7-10	6.5-9	7.5-12	8-11	9.5-12	33-38	23-28	13-18	Dup 13-18	8-12	Dup 8-12	35-40	25-30	15-20	9-14	9-14	---	---	---
		Sample Date:	12/02/96	12/02/96	12/02/96	12/02/96	12/06/96	12/06/96	12/03/96	12/04/96	12/04/96	12/04/96	12/04/96	12/06/96	12/06/96	12/04/96	12/04/96	12/04/96	12/06/96	12/06/96	12/02/96	12/04/96	12/04/96
		Consultant:	MW	REI	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	Rust	MW	MW	MW
Analyte	**ES (ug/l)**	**PAL (ug/l)**																					
VOCs/SVOCs (ug/l)																							
Benzene	5	0.5	ND	--	ND	ND	ND	ND	ND	0.6	0.5	0.9	0.7	ND	ND	0.5	0.7	0.5	ND	--	ND	ND	0.9
n-Butylbenzene			ND	--	ND	ND	ND	ND	1.7*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND
Chloroform	6	0.6	2.1	1.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	69	ND	ND
cis 1,2 Dichloroethene	70	7	3.5	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND
Ethylbenzene	700	140	ND	--	ND	ND	ND	ND	ND	0.3*	0.3*	0.4*	0.3*	ND	ND	0.3*	0.3*	0.2*	ND	--	ND	ND	0.4*
p-Isopropyltoluene			1.4	--	ND	ND	ND	ND	ND	ND	ND	1.3	1.4	ND	ND	0.3*	ND	0.4*	ND	--	ND	ND	ND
Toluene	343	68.6	ND	--	ND	ND	ND	ND	ND	0.3	0.3	0.5	0.3	ND	ND	0.4	0.4	0.8	ND	--	ND	0.2*	0.5
1,2,4 Trimethylbenzene			ND	--	ND	ND	ND	ND	2.5	ND	ND	0.3*	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	0.2*
1,3,5 Trimethylbenzene			ND	--	ND	ND	ND	ND	0.5	ND	ND	0.1*	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND
Trichloroethene	5	0.5	5.7	2.8	ND	ND	ND	ND	ND	ND	ND	ND	0.4	ND	ND	ND	ND	ND	ND	--	ND	ND	ND
Metals (ug/l)																							
Arsenic	50	5	--	--	--	--	ND	2	--	--	--	--	--	ND	1	--	--	--	4	--	--	--	--
Barium	2,000	400	--	--	--	--	360	240	--	--	--	--	--	380	380	--	--	--	460	500	--	--	--
Cadmium	5	0.5	--	--	--	--	ND	ND	--	--	--	--	--	ND	ND	--	--	--	ND	--	--	--	--
Chromium	100	10	--	--	--	--	ND	ND	--	--	--	--	--	5	ND	--	--	--	ND	--	--	--	--
Lead	15	1.5	--	--	--	--	ND	1	--	--	--	--	--	ND	ND	--	--	--	1	--	--	--	--
Selenium	50	10	--	--	--	--	ND	ND	--	--	--	--	--	ND	ND	--	--	--	ND	--	--	--	--
Silver	50	10	--	--	--	--	ND	ND	--	--	--	--	--	ND	ND	--	--	--	ND	--	--	--	--
Mercury	2	4	--	--	--	--	ND	ND	--	--	--	--	--	ND	ND	--	--	--	ND	--	--	--	--

Notes:
ES - Enforcement Standard identified in Chapter NR 140, Wisconsin Administrative Code.
PAL - Preventive Action Limit identified in Chapter NR 140, Wisconsin Administrative Code.
MW - Montgomery Watson
ND - No detectable analyte at or above the laboratory detection limit.
-- - Not Analyzed
* Estimated value; concentration was less than Limit of Quantitation (LOQ).
Bold and shading indicates exceedance of ES.
Bold without shading indicates exceedance of PAL.
Only VOCs/SVOCs which were detected at or above the laboratory detection limit are listed in this table.
Depth to groundwater ranges from 6.5 ft. to 9 ft. below ground surface.

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INDICATES COVERED BY ASPHALT PAVEMENT

INDICATES COVERED BY NEW STORAGE BUILDING

TABLE 2
SOIL SAMPLE ANALYTICAL RESULTS - GROUNDWATER PATHWAY
HAMMERBLOW CORPORATION SITE
1000 FIRST STREET, WAUSAU, WISCONSIN
DNR BRRTS NO. 02-37-00068

		Boring No.	SB-1	SB-2	SB-3	SB-4		SB-5	SB-6*		SB-10	SB-11		SB-12	GP-05*	GP-07*	GP-08*	GP-09*	GP-10*	GP-13*	GP-14*
		Sample Depth Interval (feet)	2 - 4	2 - 4	4 - 6	6 - 8	6 - 8	4 - 6	4 - 6	4 - 6	6 - 8	8 - 10	Dup 8-10	8 - 10	2 - 4	2 - 4	2 - 4	4 - 6	4 - 6	4 - 6	4 - 6
		Date Collected	12/02/96	12/02/96	12/02/96	12/03/96	12/03/96	12/03/96	12/03/96	12/03/96	12/03/96	12/04/96	12/04/96	12/04/96	02/20/97	02/20/97	02/20/97	02/22/97	02/20/97	02/22/97	02/22/97
		Consultant	Mont. Wat.	Mont. Wat.	Mont. Wat.	Mont. Wat.	Rust	Mont. Wat.	Mont. Wat.	Rust	Mont. Wat.	Mont. Wat.	Mont. Wat.	Mont. Wat.	Mont. Wat.	Mont. Wat.	Mont. Wat.	Mont. Wat.	Mont. Wat.	Mont. Wat.	Mont. Wat.
Analyte	**SSRCL (mg/kg)**	**RCL (mg/kg)**																			
DRO (mg/kg)		100	12	<1.4	--	--	--	--	--	--	1.4	<1.3	<1.3	<1.3	--	--	--	--	--	--	--
GRO (mg/kg)		100	<1	3.3	--	--	--	--	--	--	<1	<1	<1	<1	--	--	--	--	--	--	--
PCBs (mg/kg)		NE	--	--	<1	<1	--	<1	<1	--	--	--	--	--	--	--	--	--	--	--	--
Total Phenols (mg/kg)	6	NE	--	--	<0.268	**337**[1]	<0.274	<0.274	<0.263	--	--	--	--	--	--	--	--	--	--	--	--
VOCs (mg/kg)																					
Benzene	0.064*	0.0055	<0.025	<0.025	<0.008	**0.02#**	**0.02#**	<0.008	**0.028**	**0.02#**	<0.025	<0.025	<0.025	<0.025	<0.008	**0.028**	<0.008	<0.008	<0.008	<0.008	**0.012**
n-Butylbenzene		NE	<0.025	<0.025	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.025	<0.025	<0.025	<0.025	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
cis-1,2-Dichloroethene	0.04	NE	<0.025	<0.025	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	<0.025	<0.025	<0.025	<0.025	**0.042**	0.012	0.012	0.012	0.012	0.012	0.012
Ethylbenzene		2.9	<0.025	<0.025	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	<0.025	<0.025	<0.025	<0.025	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012
Isopropylbenzene		NE	<0.025	<0.025	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.025	<0.025	<0.025	<0.025	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013
Methylene Chloride	0.0023	NE	<0.025	<0.025	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.025	<0.025	<0.025	<0.025	<0.015	<0.015	<0.015	<0.015	**0.16**[2]	<0.015	<0.015
n-Propylbenzene		NE	<0.025	<0.025	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.025	<0.025	<0.025	<0.025	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016
Toluene		1.5	<0.025	0.031#	0.013#	0.041	<0.025	0.017#	0.029#	<0.025	<0.028#	<0.025	<0.025	<0.025	0.018	0.059	0.024	<0.012	<0.012	<0.012	<0.012
1,2,3-Trichlorobenzene	NA	NE	<0.025	<0.025	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.025	<0.025	<0.025	<0.025	<0.013	<0.013	<0.013	<0.013	<0.013	0.016	<0.013
1,2,4-Trichlorobenzene	0.53	NE	<0.025	<0.025	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.025	<0.025	<0.025	<0.025	<0.013	<0.013	<0.013	<0.013	<0.013	0.015	<0.013
Trichloroethene	22*	NE	1.4	0.11	0.077	<0.013	<0.013	<0.013	<0.013	<0.013	<0.025	<0.025	<0.025	<0.025	1.5	1.1	0.59	0.024	0.067	<0.013	<0.013
1,2,4-Trimethylbenzene	NA	NE	<0.025	<0.025	<0.016	0.023#	<0.016	<0.016	<0.016	<0.016	<0.025	<0.025	<0.025	<0.025	<0.016	0.019	<0.016	<0.016	<0.016	<0.016	<0.016
1,3,5-Trimethylbenzene		NE	<0.025	<0.025	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018	<0.025	<0.025	<0.025	<0.025	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018
Xylene (total)		4.1	<0.025	<0.025	0.016#	0.058	<0.02	0.02#	0.034#	<0.02	<0.025	<0.025	<0.025	<0.025	0.034	0.072	0.019	0.234	<0.01	<0.01	0.038
PAHs (mg/kg)																					
Acenaphthene		38	--	--	<0.5	<0.5	--	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthylene		0.7	--	--	<0.5	<0.5	--	<0.5	<0.5	--	--	--	--	--	--	--	--	<1.4	<0.13	<0.13	<0.14
Anthracene		3,000	--	--	<0.5	<0.5	--	<0.5	<0.5	--	--	--	--	--	--	--	--	2.6	<0.032	<0.032	0.13
Benzo(a)anthracene		17	--	--	<0.5	0.8	--	<0.5	<0.5	--	--	--	--	--	--	--	--	8.1	0.0064	<0.0021	<0.0038
Benzo(k)fluoranthene		870	--	--	<0.5	0.8	--	<0.5	<0.5	--	--	--	--	--	--	--	--	5.6	<0.0031	<0.0031	<0.0032
Benzo(b)fluoranthene		360	--	--	<0.5	1.8	--	<0.5	<0.5	--	--	--	--	--	--	--	--	8.6	<0.0029	<0.0029	<0.003
Benzo(g,h,i)perylene		6,800	--	--	<0.5	1.1	--	<0.5	<0.5	--	--	--	--	--	--	--	--	5.4	<0.015	<0.015	<0.016
Benzo(a)pyrene		48	--	--	<0.5	1.0	--	<0.5	<0.5	--	--	--	--	--	--	--	--	9.2	<0.011	<0.011	<0.012
Chrysene		37	--	--	<0.5	1.0	--	<0.5	<0.5	--	--	--	--	--	--	--	--	9	<0.007	<0.007	<0.0083
Dibenzo(a,h)anthracene		38	--	--	<0.5	<0.5	--	<0.5	<0.5	--	--	--	--	--	--	--	--	<0.55	<0.01	<0.01	<0.011
Fluoranthene		500	--	--	<0.5	0.7	--	<0.5	<0.5	--	--	--	--	--	--	--	--	24	0.016	<0.0049	0.14
Fluorene		100	--	--	<0.5	<0.5	--	<0.5	<0.5	--	--	--	--	--	--	--	--	<0.96	<0.09	<0.09	<0.095
Indeno(1,2,3-cd)pyrene		680	--	--	<0.5	1.1	--	<0.5	<0.5	--	--	--	--	--	--	--	--	11	<0.01	<0.01	<0.011
1-Methyl naphthalene		23	--	--	<0.5	<0.5	--	<0.5	<0.5	--	--	--	--	--	--	--	--	1.3	<0.12	<0.12	<0.13
2-Methyl naphthalene		20	--	--	<0.5	<0.5	--	<0.5	<0.5	--	--	--	--	--	--	--	--	<0.97	<0.091	<0.091	<0.096
Naphthalene	0.78*	0.4	<0.025	0.03#	0.065^	0.11^	--	0.1^	0.056#^	--	0.058	<0.025	<0.025	<0.025	0.086	0.098	0.063	0.045	0.032	<0.018	<0.018
Phenanthrene		1.8	--	--	<0.5	<0.5	--	<0.5	<0.5	--	--	--	--	--	--	--	--	**10**	<0.011	<0.011	0.027
Pyrene		8,700	--	--	<0.5	0.8	--	<0.5	<0.5	--	--	--	--	--	--	--	--	13	<0.013	<0.013	<0.014
Metals (mg/kg)																					
Arsenic	20	NE	--	--	2.23	1.54	--	2.18	4.3	--	--	--	--	--	--	--	--	1.6	0.569	0.44	3.14
Barium	320	NE	--	--	8.07	22.4	--	65.4	59.1	--	--	--	--	--	--	--	--	43.8	16.9	14.4	25.2
Cadmium	200	NE	--	--	<0.31	<0.349	--	<0.341	<0.336	--	--	--	--	--	--	--	--	--	--	--	--
Chromium	NA	NE	--	--	12.4	16.8	--	25.9	22.8	--	--	--	--	--	--	--	--	--	--	--	--
Lead	500 ~~NA~~	NE	--	--	23.6	10.5	--	10.9	16.8	--	--	--	--	--	--	--	--	--	--	--	--
Mercury	0.21	NE	--	--	<0.357	<0.442	--	0.0612	ND	--	--	--	--	--	--	--	--	--	--	--	--
Selenium	60	NE	--	--	0.372	0.279	--	0.409	0.538	--	--	--	--	--	--	--	--	0.255	0.0632	0.0628	0.259
Silver		NE	--	--	<0.124	<0.14	--	<0.136	<0.134	--	--	--	--	--	--	--	--	--	--	--	--

Notes:

"RCL" - Generic Residual Contaminant Level based on protection of groundwater.

SSRCL - Site specific RCL based on protection of groundwater. Values were calculated in accordance with the methods outlined in NR 720.19 using PALs established in NR 140 and the soil to water partition equation and default parameters/assumptions presented in U.S. EPA's Soil Screening Guidance.

-- Not analyzed.

- Estimated value; concentration above Limit of Detection (LOD) but below Limit of Quantitation (LOQ).

^ - Naphthalene was present in the laboratory method blank at a concentration of 0.018 mg/kg.

Bold and outlining indicates exceedence of SSRCL.

NA - Not applicable; no established soil to water partition coefficient available for analyte.

* - SSRCL equal to highest concentration detected for analyte at this site.

Bold indicates exceedence of RCL.

NE - Not established.

Only VOCs/PAHs which were detected at or above the laboratory detection limit are listed in this table.

Footnotes:

[1] Total phenols were not detected in duplicate sample from SB-4; detect is considered suspect.

[2] Methylene chloride was present in the laboratory environment; detects should be considered suspect.

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INDICATES COVERED BY ASPHALT PAVEMENT

INDICATES COVERED BY NEW STORAGE BUILDING

PROPOSED ASPHALT CAP AREA

TABLE 2 (cont.)

		Boring No.	GP-15	GP-16	GP-20*	GP-21	GP-22	GP-23	GP-24	GP-25	GP-26	GP-27	GP-31	GP32	MeOH Blank	MW-1	MW-2	PZ-2	PZ-3	MW-4	B-1
		Sample Depth Interval (feet)	4 - 6	4 - 6	4 - 6	4 - 6	4 - 6	4 - 6	4 - 6	4 - 6	4 - 6	4 - 6	4 - 6	4 - 6		4 - 6	8 - 10	4 - 6	8 - 10	10 - 12	8 - 10
		Date Collected	02/22/97	02/22/97	02/21/97	02/22/97	02/22/97	02/22/97	02/21/97	02/21/97	02/21/97	02/21/97	02/22/97	02/22/97		04/27/98	08/03/98	03/25/99	08/04/98	08/03/98	08/03/98
		Consultant	Mont. Wat.	Mont. Wat.	Mont. Wat.	Mont. Wat.	Mont. Wat.	Mont. Wat.	Mont. Wat.	Mont. Wat.	Mont. Wat.	Mont. Wat.	Mont. Wat.	Mont. Wat.	Mont. Wat.	Earth Tech	Earth Tech	Earth Tech	Earth Tech	Earth Tech	Earth Tech
Analyte	**SSRCL (mg/kg)**	**RCL (mg/kg)**																			
DRO (mg/kg)		100	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GRO (mg/kg)		100	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCBs (mg/kg)		NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Phenols (mg/kg)	6	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VOCs (mg/kg)																					
Benzene	0.064*	0.0055	<0.008	**0.014**	<0.008	<0.008	**0.012**	<0.008	<0.008	**0.023**	<0.008	<0.008	<0.008	<0.008	<0.008	<0.025	<0.025	<0.025	<0.025	<0.025	**0.064#**
n-Butylbenzene		NE	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.025	<0.025	<0.025	<0.025	<0.025	0.037#
cis-1,2-Dichloroethene	0.04	NE	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	<0.025	**0.11#**	<0.025	<0.025	<0.025	<0.025
Ethylbenzene		2.9	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	0.23	<0.025	<0.025	<0.025	<0.025	0.055#
Isopropylbenzene		NE	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	0.029#	<0.025	<0.025	<0.025	<0.025	<0.025
Methylene Chloride	0.0023	NE	**0.031** [2]	**0.017** [2]	**0.084** [2]	**0.094** [2]	**0.032** [2]	<0.015	**0.091** [2]	**0.081** [2]	**0.13** [2]	**0.14** [2]	<0.015	**0.026** [2]	**0.026** [2]	<0.025	**0.058#** [2]	<0.025	<0.025	<0.025	**0.036#** [2]
n-Propylbenzene		NE	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.025	<0.025	<0.025	<0.025	<0.025	0.031#
Toluene		1.5	0.019	0.046	0.034	<0.012	0.04	0.015	<0.012	0.07	0.029	<0.012	<0.012	<0.012	<0.012	<0.025	<0.025	<0.025	<0.025	<0.025	0.16
1,2,3-Trichlorobenzene	NA	NE	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	--	--	--	--	--	--
1,2,4-Trichlorobenzene	0.53	NE	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	--	--	--	--	--	--
Trichloroethene	22*	NE	<0.013	0.05	<0.013	<0.013	<0.013	<0.013	5.4	<0.013	22	<0.013	<0.013	<0.013	<0.013	0.27	0.17	2.9	<0.025	<0.025	<0.025
1,2,4-Trimethylbenzene	NA	NE	<0.016	0.028	<0.016	<0.016	<0.016	<0.016	<0.016	0.041	<0.016	<0.016	<0.016	<0.016	<0.016	<0.025	<0.025	<0.025	<0.025	<0.025	0.17
1,3,5-Trimethylbenzene		NE	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018	<0.025	<0.025	<0.025	<0.025	<0.025	0.05#
Xylene (total)		4.1	0.016	0.079	0.052	<0.01	0.041	<0.01	<0.01	0.107	0.03	<0.01	<0.01	<0.01	<0.01	2.08	<0.05	<0.05	<0.05	<0.05	0.236
PAHs (mg/kg)																					
Acenaphthene		38	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.028	<0.24	--	<0.016	0.026#	0.017#
Acenaphthylene		0.7	<0.37	<0.14	<1.4	<1.3	<1.4	<1.4	<0.14	0.67	--	--	<0.13	<0.13	--	<0.033	<0.28	--	<0.018	<0.018	<0.018
Anthracene		3,000	0.12	0.42	0.9	<0.32	0.91	<0.33	<0.032	<0.033	--	--	<0.032	<0.032	--	0.033#	<0.26	--	<0.017	0.033#	<0.017
Benzo(a)anthracene		17	0.05	1.7	0.61	<0.022	0.8	<0.022	<0.0036	0.48	--	--	<0.0022	<0.0022	--	0.63	1.1	--	0.029#	0.028#	0.019#
Benzo(k)fluoranthene		870	<0.0031	1.9	0.61	<0.031	<0.033	<0.031	<0.0031	0.43	--	--	<0.0031	<0.0031	--	0.89	<0.27	--	0.035#	<0.017	<0.018
Benzo(b)fluoranthene		360	0.012	3.9	0.97	<0.029	<0.031	<0.029	<0.0029	0.7	--	--	<0.0029	<0.0029	--	1.6	<0.27	--	0.033#	0.022#	<0.018
Benzo(g,h,i)perylene		6,800	<0.015	4.9	0.72	<0.15	<0.17	<0.16	<0.016	0.37	--	--	<0.015	<0.015	--	0.7	<0.29	--	0.032#	<0.019	<0.019
Benzo(a)pyrene		48	<0.011	2.8	0.8	<0.11	<0.12	<0.12	<0.011	0.47	--	--	<0.011	<0.011	--	1.5	<0.24	--	0.031#	0.017#	<0.016
Chrysene		37	<0.007	1.5	0.36	<0.07	<0.075	<0.071	<0.0081	0.36	--	--	<0.007	<0.007	--	0.92	2	--	0.035#	0.041#	0.02#
Dibenzo(a,h)anthracene		38	0.049	<0.2	<0.11	<0.1	<0.11	<0.11	<0.01	<0.011	--	--	<0.01	<0.01	--	0.32	<0.29	--	<0.019	<0.019	<0.019
Fluoranthene		500	0.02	1.3	0.73	<0.049	0.6	<0.05	<0.005	0.55	--	--	<0.0049	<0.0049	--	0.31	2	--	0.042#	0.068	0.030#
Fluorene		100	<0.091	0.28	<0.98	<0.91	<0.97	<0.092	<0.092	<0.093	--	--	<0.09	<0.09	--	<0.03	0.44#	--	<0.017	0.052	0.032#
Indeno(1,2,3-cd)pyrene		680	<0.01	6.4	1.9	<0.1	<0.11	<0.11	<0.01	0.65	--	--	<0.01	<0.01	--	0.62	<0.29	--	0.025#	<0.019	<0.019
1-Methyl naphthalene		23	<0.12	1.1	<1.3	<1.2	<1.3	<1.3	<0.13	0.48	--	--	<0.12	<0.12	--	0.064#	0.31#	--	0.079	0.23	0.21
2-Methyl naphthalene		20	<0.092	1.0	<0.99	<0.92	<0.98	<0.93	<0.093	0.81	--	--	<0.91	<0.91	--	0.09	0.54#	--	0.089	0.37	0.28
Naphthalene	0.78*	0.4	<0.018	0.68	0.15	0.052	0.065	0.059	<0.018	**0.78**	0.049	<0.018	<0.018	<0.018	--	0.084#	0.32#	0.081	0.1	0.34	0.32
Phenanthrene		1.8	0.033	0.35	0.13	<0.11	<0.12	<0.12	<0.011	0.39	--	--	<0.032	<0.032	--	0.18	1.2	--	0.078	0.28	0.15
Pyrene		8,700	<0.013	1.3	<0.14	<0.13	<0.14	<0.14	<0.014	0.66	--	--	<0.013	<0.013	--	0.26	3.9	--	0.044#	0.059	0.03#
Metals (mg/kg)																					
Arsenic	20	NE	5.01	0.721	5.22	1.98	10.4	0.923	6.19	1.87	1.29	0.737	0.496	0.675	--	--	4.5#	--	--	2.0#	2.2#
Barium	320	NE	68.9	8.1	21.9	5.14	120	11.8	9.86	8.95	26.7	45.6	8.93	10.7	--	--	--	--	--	--	--
Cadmium		NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium	NA	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lead	NA	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mercury	0.21	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Selenium	60	NE	0.302	0.0687	0.404	0.0887	1.31	0.0659	0.235	0.134	--	--	0.0662	0.0675	--	--	--	--	--	--	--
Silver		NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:

"RCL" - Generic Residual Contaminant Level based on protection of groundwater.

SSRCL - Site specific RCL based on protection of groundwater. Values were calculated in accordance with the methods outlined in NR 720.19 using PALs established in NR 140 and the soil to water partition equation and default parameters/assumptions presented in U.S. EPA's Soil Screening Guidance.

-- Not analyzed.

- Estimated value; concentration above Limit of Detection (LOD) but below Limit of Quantitation (LOQ).

^ - Naphthalene was present in the laboratory method blank at a concentration of 0.018 mg/kg.

L:\work\Projects\proposal\31184\wp\reports\[table2_pje.xls]Sheet1

Bold and outlining indicates exceedence of SSRCL.

NA - Not applicable; no established soil to water partition coefficient available for analyte.

* - SSRCL equal to highest concentration detected for analyte at this site.

Bold indicates exceedence of RCL.

NE - Not established.

Only VOCs/PAHs which were detected at or above the laboratory detection limit are listed in this table.

Footnotes:

[1] Total phenols were not detected in duplicate sample from SB-4; detect is considered suspect.

[2] Methylene chloride was present in the laboratory environment; detects should be considered suspect.

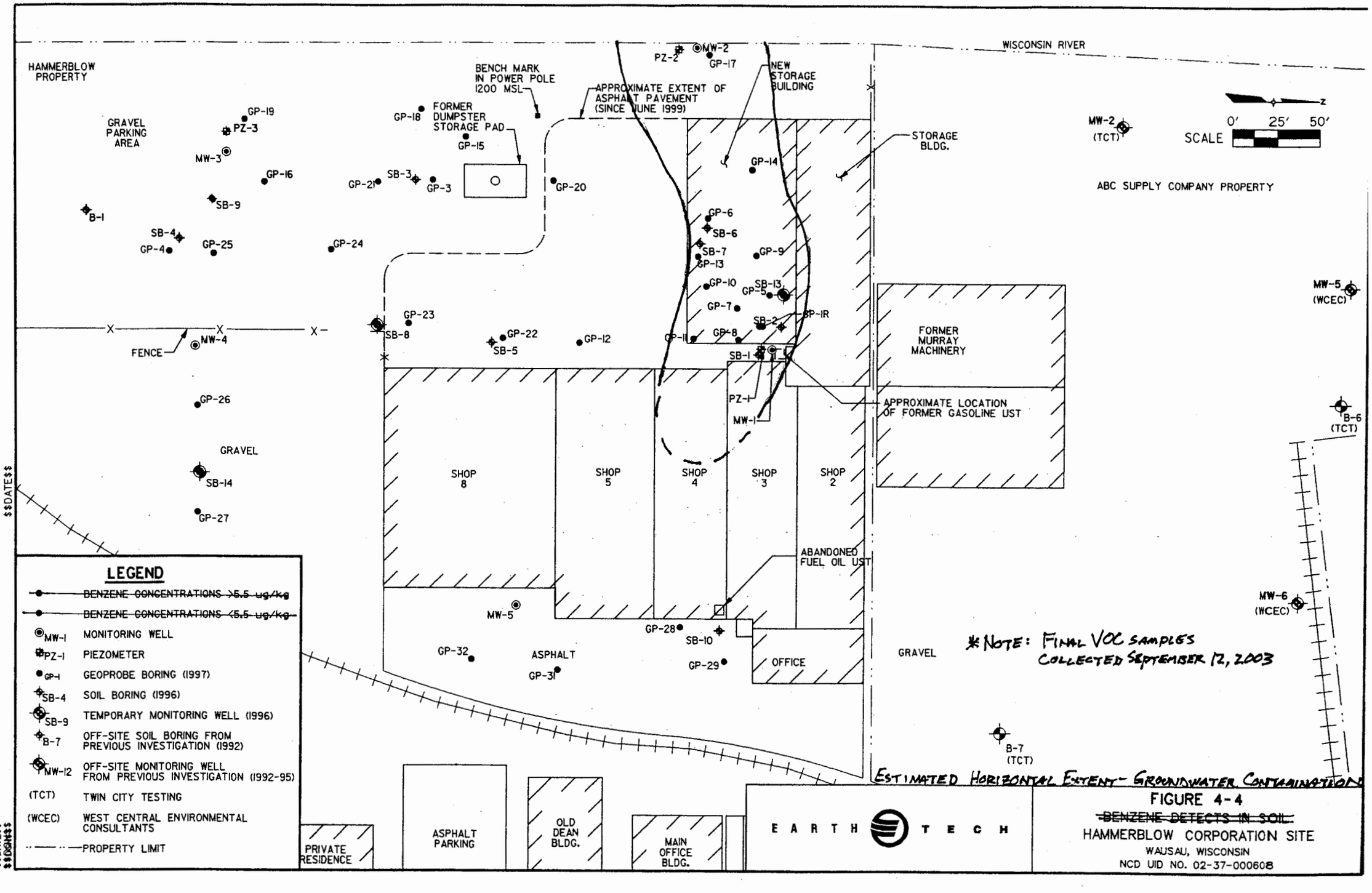
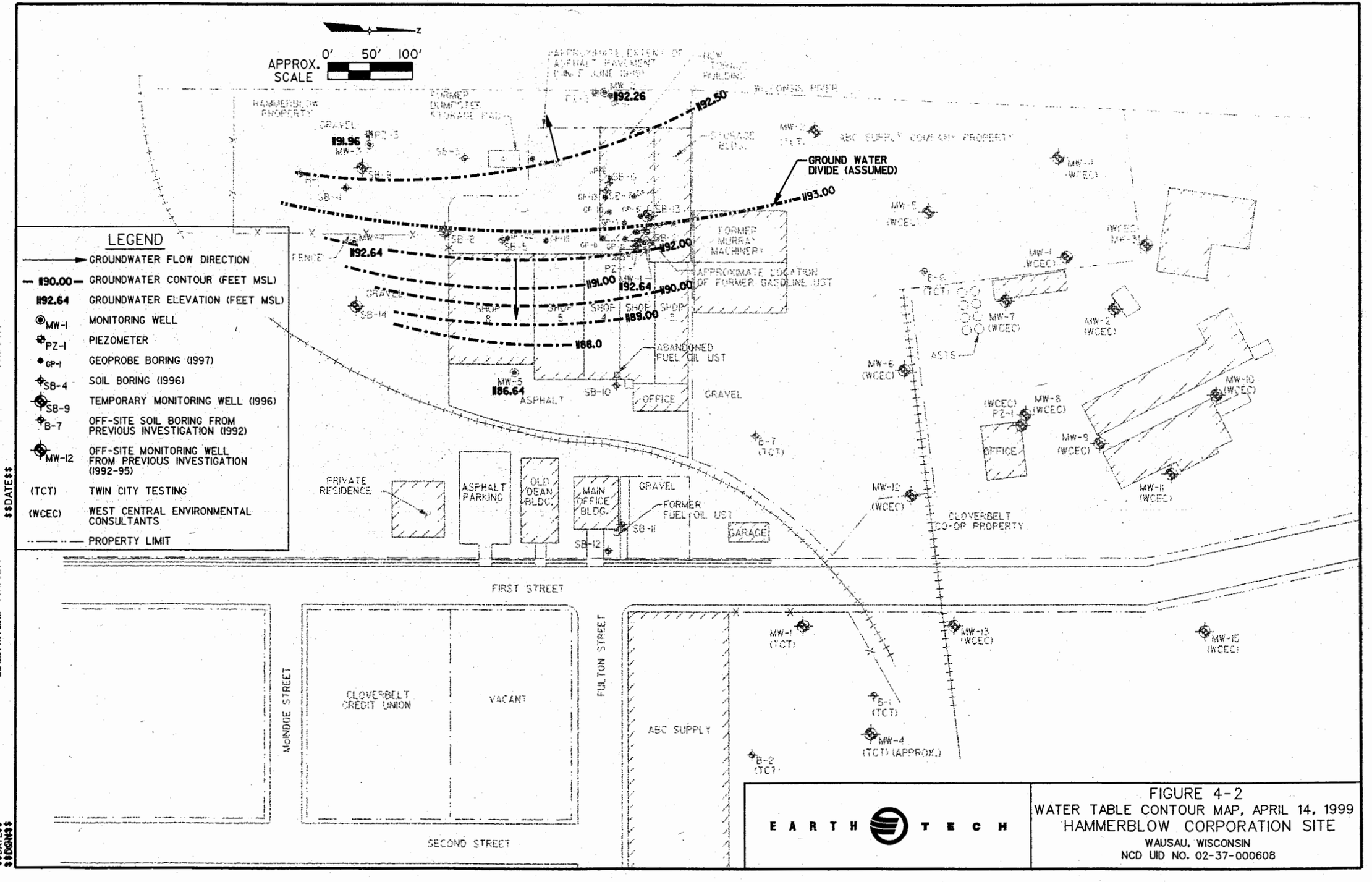

HAMMERBLOW PROPERTY
GRAVEL PARKING AREA
GP-19
PZ-3
MW-3
GP-16
SB-9
B-1
SB-4
GP-4
GP-25
GP-24
GP-21
SB-3
GP-3
GP-18
FORMER DUMPSTER STORAGE PAD
GP-15
BENCH MARK IN POWER POLE 1200 MSL
APPROXIMATE EXTENT OF ASPHALT PAVEMENT (SINCE JUNE 1999)
PZ-2
MW-2
GP-17
NEW STORAGE BUILDING
WISCONSIN RIVER
STORAGE BLDG.
MW-2 (TCT)
SCALE 0' 25' 50'
ABC SUPPLY COMPANY PROPERTY
GP-20
GP-14
GP-6
SB-6
SB-7
GP-13
GP-9
GP-10
GP-5
SB-13
GP-7
SB-2
GP-IR
GP-8
GP-11
SB-1
MW-1
PZ-1
GP-23
SB-8
GP-22
SB-5
GP-12
FENCE
MW-4
GP-26
GRAVEL
SB-14
GP-27
SHOP 8
SHOP 5
SHOP 4
SHOP 3
SHOP 2
FORMER MURRAY MACHINERY
APPROXIMATE LOCATION OF FORMER GASOLINE UST
ABANDONED FUEL OIL UST
MW-5 (WCEC)
B-6 (TCT)
MW-6 (WCEC)
MW-5
GP-28
SB-10
GP-32
ASPHALT
GP-31
GP-29
OFFICE
GRAVEL
B-7 (TCT)
*NOTE: FINAL VOC SAMPLES COLLECTED SEPTEMBER 12, 2003
ESTIMATED HORIZONTAL EXTENT - GROUNDWATER CONTAMINATION
LEGEND
~~BENZENE CONCENTRATIONS >5.5 ug/kg~~
~~BENZENE CONCENTRATIONS <5.5 ug/kg~~
MW-1 MONITORING WELL
PZ-1 PIEZOMETER
GP-1 GEOPROBE BORING (1997)
SB-4 SOIL BORING (1996)
SB-9 TEMPORARY MONITORING WELL (1996)
B-7 OFF-SITE SOIL BORING FROM PREVIOUS INVESTIGATION (1992)
MW-12 OFF-SITE MONITORING WELL FROM PREVIOUS INVESTIGATION (1992-95)
(TCT) TWIN CITY TESTING
(WCEC) WEST CENTRAL ENVIRONMENTAL CONSULTANTS
PROPERTY LIMIT
PRIVATE RESIDENCE
ASPHALT PARKING
OLD DEAN BLDG.
MAIN OFFICE BLDG.
EARTH TECH
FIGURE 4-4
~~BENZENE DETECTS IN SOIL~~
HAMMERBLOW CORPORATION SITE
WAUSAU, WISCONSIN
NCD UID NO. 02-37-000608

TABLE 3-1
MONITORING WELL DATA AND GROUNDWATER ELEVATIONS
HAMMERBLOW SITE - WAUSAU
MARATHON COUNTY, WISCONSIN
EARTH TECH PROJECT I.D. 31184

Monitoring Well	Date Installed	Well Depth (feet BTOC)	Well Development Results	Date Measured	Depth to Groundwater (feet)	Elevations	
						Top of PVC Casing (feet msl)	Groundwater (feet msl)
MW-1	04/27/98	18.5	did not purge dry - rapid recovery	08/21/98	10.66	1,202.09	1,191.43
				12/03/98	10.13		1,191.96
				02/12/99	9.94		1,192.15
				04/14/99	9.45		1,192.64
				07/23/99	9.11		1,192.98
				09/12/03	9.78		1,192.31
PZ-1	04/27/98	32.8	did not purge dry - rapid recovery	08/21/98	13.35	1,202.08	1,188.73
				12/03/98	13.50		1,188.58
				02/12/99	13.76		1,188.32
				04/14/99	13.92		1,188.16
				07/23/99	13.22		1,188.86
				09/12/03	13.21		1,188.87
MW-2	08/03/98	18.4	purged dry - slow recovery	08/21/98	9.19	1,201.49	1,192.30
				12/03/98	9.27		1,192.22
				02/12/99	9.15		1,192.34
				04/14/99	9.23		1,192.26
				07/23/99	9.20		1,192.29
				09/12/03	9.15		1,192.34
PZ-2	03/25/99	40.6	did not purge dry - rapid recovery	04/14/99	10.38	1,201.14	1,190.76
				07/23/99	10.12		1,191.02
				09/12/03	10.04		1,191.10
MW-3	08/04/98	19.5	purged dry - moderate recovery	08/21/98	11.64	1,203.41	1,191.77
				12/03/98	11.67		1,191.74
				02/12/99	11.68		1,191.73
				04/14/99	11.45		1,191.96
				07/23/99	11.46		1,191.95
				09/12/03	11.52		1,191.89
PZ-3	08/04/98	33.2	did not purge dry - rapid recovery	08/21/98	12.25	1,203.59	1,191.34
				12/03/98	12.36		1,191.23
				02/12/99	12.52		1,191.07
				04/14/99	12.57		1,191.02
				07/23/99	12.34		1,191.25
				09/12/03	12.25		1,191.34
MW-4	08/03/98	19.7	purged dry - moderate recovery	08/21/98	11.45	1,203.78	1,192.33
				12/03/98	11.51		1,192.27
				02/12/99	11.48		1,192.30
				04/14/99	11.14		1,192.64
				07/23/99	11.14		1,192.64
				09/12/03	11.46		1,192.32
MW-5	03/25/99	21.7	purged dry - moderate recovery	04/14/99	14.40	1,201.04	1,186.64
				07/23/99	13.69		1,187.35
				09/12/03	13.87		1,187.17

Notes:
1. Wells MW-1 through MW-4 are protected by above ground "pro top" well covers. Well MW-5 is protected by a flush mount well cover.
2. BTOC - Below Top of Casing.
3. All monitoring well and piezometer elevations at the Hammerblow Site were surveyed by Earth Tech on February 12 and April 5, 1999. All elevations were referenced to a site established benchmark. The assigned elevation of the benchmark is 1,200 feet above MSL.

l:\eagan\hammerb\mwc-gwel.wk4



EARTH TECH

FIGURE 4-2
WATER TABLE CONTOUR MAP, APRIL 14, 1999
HAMMERBLOW CORPORATION SITE
WAUSAU, WISCONSIN
NCD UID NO. 02-37-000608

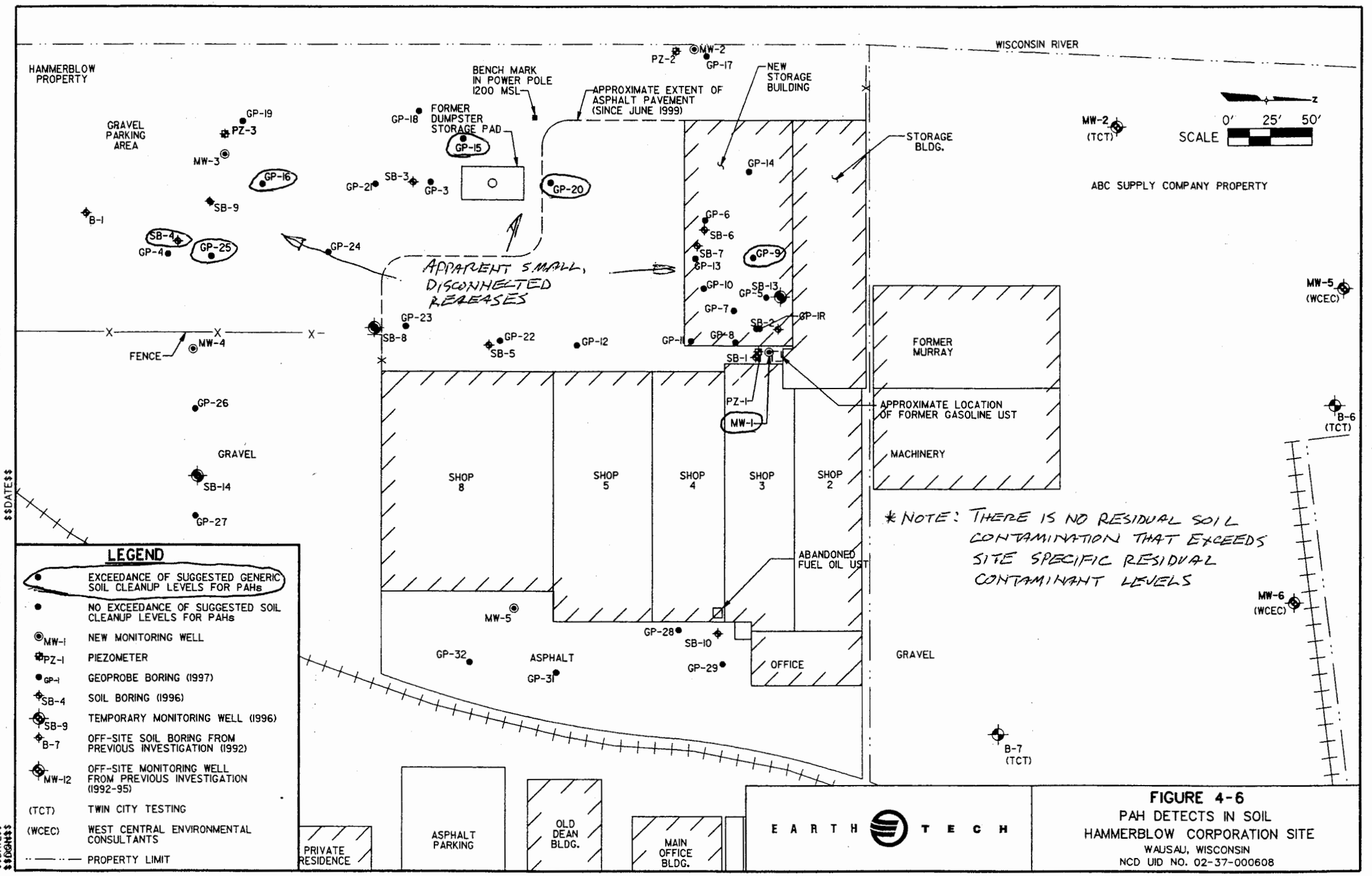


FIGURE 4-6
PAH DETECTS IN SOIL
HAMMERBLOW CORPORATION SITE
WAUSAU, WISCONSIN
NCD UID NO. 02-37-000608

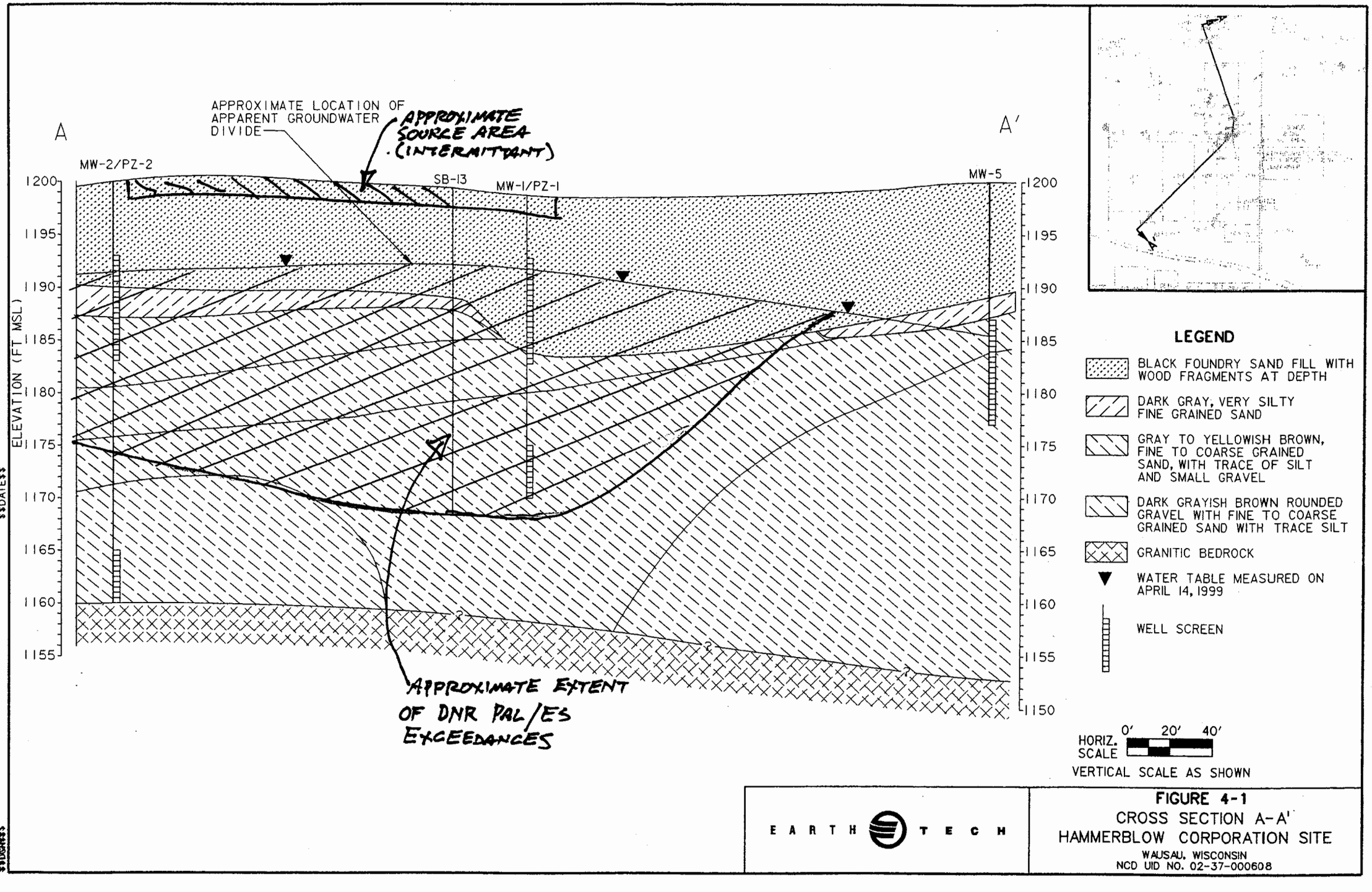


FIGURE 4-1
CROSS SECTION A-A'
HAMMERBLOW CORPORATION SITE
WAUSAU, WISCONSIN
NCD UID NO. 02-37-000608

CEQUENT™

TRAILER PRODUCTS

CERTIFICATION OF LEGAL DESCRIPTION
HammerBlow Site
1000 First Street
Wausau, Wisconsin

WDNR BRRTS Case No. 02-37-000608

I, John Sullivan, as representative for the current site owner, Cequent Trailer Products, believe that the legal description included as part of this case closure request covers the property that is within, or partially within, the contaminated site boundary.

John Sullivan

John Sullivan
Director of Manufacturing – Mosinee
Cequent Trailer Products

11/20/03
Date

1050 Indianhead Drive
Mosinee, WI 54455
Phone: (715) 693-1700
Fax: (715) 693-1799

Document Number | DEED RESTRICTION

138702
SULLIVAN/CEQUENT TRAILER PRODU
REGISTER'S OFFIC
MARATHON COUNTY,
SEP 14 2004 1:38

Michael J. Sydow
REGISTE

Recording Area

Name and Return Address
Cequent Trailer Products
1050 Indianhead Drive
P.O. Box 8
Mosinee, WI 54455

Cash 17.00

291-2907-253-0188 #7040
Parcel Identification Number

Declaration of Restrictions

In Re: That part of Lots eight (8), nine (9) and ten (10) in Block "F" of Stewart, Manson & Parcher's Addition to the City of Wausau, and of Lots five (5), six (6), seven (7) and eight (8) in Block "E", and Lots six (6) and seven (7) of Block "D" of McIndoe & Shuter's Addition to Village (now City) of Wausau, and of Government Lot six (6) in Section twenty-six (26), Township twenty-nine (29) North, Range seven (7) East, described as follows:

Commencing at the intersection of the South line of Fulton Street, extended Westerly and the Westerly boundary line of the Chicago, Milwaukee, St. Paul and Pacific Railway right-of-way, which point is marked by an iron monument, running thence Northerly along said westerly line of the railroad right-of-way to a point which is 153.8 feet from the point of commencement, which point is marked by an iron monument, and is the point of beginning; thence Westerly at an included angle of 77° 51', 282.9 feet to a point which is marked by an iron pin set in concrete; thence Westerly in a straight line, parallel to the South line of Fulton Street extented Westerly, to the East bank of the Wisconsin River; thence Southerly along said East bank to its intersection with the Northwesterly boundary line of the Chicago, Milwaukee, St. Paul and Pacific Railway right-of-way; thence Northerly along said Westerly line of said right-of-way to the point of beginning; and

That part of Lots one (1) and two (2) and the South four (4) feet of Lot three (3), all in Block "F" of Stewart, Manson & Parcher's Addition to the City of Wausau, lying Easterly of the Railroad right-of-way; and

Lot four (4) in Block "E" of McIndoe & Shuter's Addition to Village (now City) of Wausau, except the Railroad right-of-way, (By Lot four (4) it is intended here to describe the Northerly sixty (60) feet of the East one-half (E ½) of said Block "E".)

Wisconsin Transverse Mercator coordinates 549079, 499146

STATE OF WISCONSIN)
) ss
COUNTY OF MARATHON

WHEREAS, Cequent Trainer Products, is the owner of the above-described property.

WHEREAS, one or more petroleum product and chlorinated solvent discharges have occurred on this property,and as of December 2, 3, and 4, 1996, February 20, 21, and 22, 1997, April 27, 1998, August 3 and 4, 1998, and March 25, 1999, when soil samples were collected on this property, petroleum and chlorinated solvent-contaminated soil remained on this property at the following location: at isolated locations, generally on the western portion of the property (see the attached maps "Figure 4-4, Benzene Detects in Soil, Figure 4-5, TCE Detects in Soil, and Figure 4-6, PAH Detects in Soil")

WHEREAS, it is the desire and intention of the property owner to impose on the property restrictions which will make it unnecessary to conduct further soil remediation activities on the property at the present time.

NOW THEREFORE, the owner hereby declares that all of the property described above is held and shall be held, conveyed or encumbered, leased, rented, used, occupied and improved subject to the following limitation and restrictions:

The paved surfaces and the building foundation that existed on the above-described property on the date that this restriction was signed form a barrier that must be maintained in order to prevent direct contact with residual soil contamination that might otherwise pose a threat to human health. These structures are also required 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. The paved surfaces and the building foundation shall be maintained on the above-described property in the locations shown on the attached map, labeled "Figure 10-4, Soil Performance Standard Building and Soil Cap" unless another barrier, with an infiltration rate of 10^7 cm/sec or less, is installed and maintained in their place. The existing structures, and any replacement barrier with an infiltration rate of 10^7 cm/sec or less, shall be maintained on the above-described property in compliance with Item #3 on Page 4 of the attached letter, labeled "Supplemental Information for Case Closure Request" dated August 2, 2002, that was submitted to the Wisconsin Department of Natural Resources by Earth Tech, Inc. on behalf of Cequent Trailer Products (f.k.a. HammerBlow Corporation, in part) as required by section NR 724.13(2), Wis. Adm. Code (1997).

In addition, the following activities are prohibited on any portion of the above-described property where an impervious cap has been placed or where impervious surfaces exist in the locations shown on the attached map, labeled "Figure 10-4, Soil Performance Standard Building and Soil Cap", unless prior written approval has been obtained from the Wisconsin Department of Natural Resources or its successor or assign: (1) Excavating or grading of the land surface; (2) Filling on capped areas and areas with impervious surfaces; (3)

Plowing for agricultural cultivation; and (4) Construction or installation of a building or other structure with a foundation that would sit on or be placed within the cap or impervious surface.

This restriction is hereby declared to be a covenant running with the land and shall be fully binding upon all persons acquiring the above-described property whether by descent, devise, purchase or otherwise. This restriction inures to the benefit of and is enforceable by the Wisconsin Department of Natural Resources, its successors or assigns. The Department, its successors or assigns, may initiate proceedings at law or in equity against any person or persons who violate or are proposing to violate this covenant, to prevent the proposed violation or to recover damages for such violation.

Any person who is or becomes owner of the property described above may request that the Wisconsin Department of Natural Resources or its successor issue a determination that one or more of the restrictions set forth in this covenant is no longer required. Upon the receipt of such a request, the Wisconsin Department of Natural Resources shall determine whether or not the restrictions contained herein can be extinguished. If the Department determines that the restrictions can be extinguished, an affidavit, attached to a copy of the Department's written determination, may be recorded by the property owner or other interested party to give notice that this deed restriction, or portions of this deed restriction, are no longer binding.

By signing this document, John Sullivan asserts that he or she is duly authorized to sign this document on behalf of Cequent Trailer Products.

IN WITNESS WHEREOF, the owner of the property has executed this Declaration of Restrictions, this 20th day of November, 2003.

Signature: John Sullivan
Printed Name: John Sullivan, Cequent Trailer Products, Director of Manufacturing-Mosinee,

Subscribed and sworn to before me
this 20th day of November, 2003.

Lisbetha Volz
Notary Public, State of Wisconsin
My commission 9/25/05

This document was drafted by Earth Tech, Inc., November 19, 2003.

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Building and Pavement Operation and Maintenance (O&M) Plan

Former HammerBlow Corporation Site 1000 First Street Wausau, Wisconsin

DNR BRRTS NO. 02-37-000608

Prepared for:
Cequent Trailer Products
PO Box 8
Mosinee, WI 54455

Prepared by:
Earth Tech, Inc.
200 Indiana Avenue
Stevens Point, WI 54481

December 2004

Earth Tech Project No. 81135

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Figure **Follows Page**

1 Area Plan 2

INTRODUCTION

Phase 2 and Remedial environmental investigations performed at the Former HammerBlow Corporation site indicated that soil and groundwater in the vicinity of the newer warehouse building, and the area west of the warehouse building, had been impacted by chlorinated solvents (trichloroethene (TCE), cis 1,2-dichloroethene, and vinyl chloride) at concentrations exceeding their respective Wisconsin Department of Natural Resources (DNR), NR 720 and NR 140, soil and groundwater enforcement levels. A site plan of the affected areas is provided as Figure 1.

As part of the DNR site closure approach and in compliance with Chapter NR 720.19 (2), Wisconsin Administrative Code, engineering control of the affected areas, in the form of a building and pavement cover, must be maintained at the site.

This O&M Plan was prepared, submitted, and will be updated as required by Chapter NR 724.13 (2) and (4), Wisconsin Administrative Code. It is the responsibility of the property owner and/or the responsible party to regularly inspect, maintain, and document activities regarding the engineering control, to maintain hydraulic integrity of the pavement cover.

NORMAL MAINTENANCE ACTIVITIES

Cracks, deterioration, or any compromise to the hydraulic integrity of the storage building roof and slab, and the asphalt paved area between the storage buildings and the Wisconsin River bank, shall be permanently repaired promptly, generally within 30 days after discovery. The repairs may include an appropriate sealant and/or replacement of compromised portions of the pavement or slab.

CONTINGENCY PLAN

In the event of a sudden breach of hydraulic integrity of the building slab or asphalt pavement cover (overloading, flood damage, etc.), the responsible party shall effect whatever temporary measures are necessary to prevent water from reaching areas beneath the building slab or asphalt pavement, prior to a permanent repair. Such measures may include, but are not limited to, covering the affected area with a tarp or sealing breaches with a temporary sealant.

UTILITIES AND BUILDINGS

If any utility work is performed that disrupts the hydraulic integrity of the asphalt pavement cover, every effort shall be undertaken to prevent water from reaching soil beneath the asphalt pavement. Upon completion of the work, the soil cover shall be restored to its original, waterproof condition.

The building slab shall be inspected regularly to ensure its waterproof condition, and any discrepancies noted shall be sealed in a timely manner. If subsurface work is to be performed beneath the building, water must be prevented from reaching soil beneath the building slab. The building roof should be maintained to exclude water from entering the building, and doors should be kept closed during construction activities, if necessary, to prevent precipitation from entering the building.

INSPECTIONS

All areas of building slab and asphalt pavement, identified in this O&M Plan, shall be inspected at least yearly to determine the watertight condition of the areas. Inspections shall occur in the spring of the year, after the soil beneath the asphalt pavement has thawed. Informal inspections may be performed throughout the year.

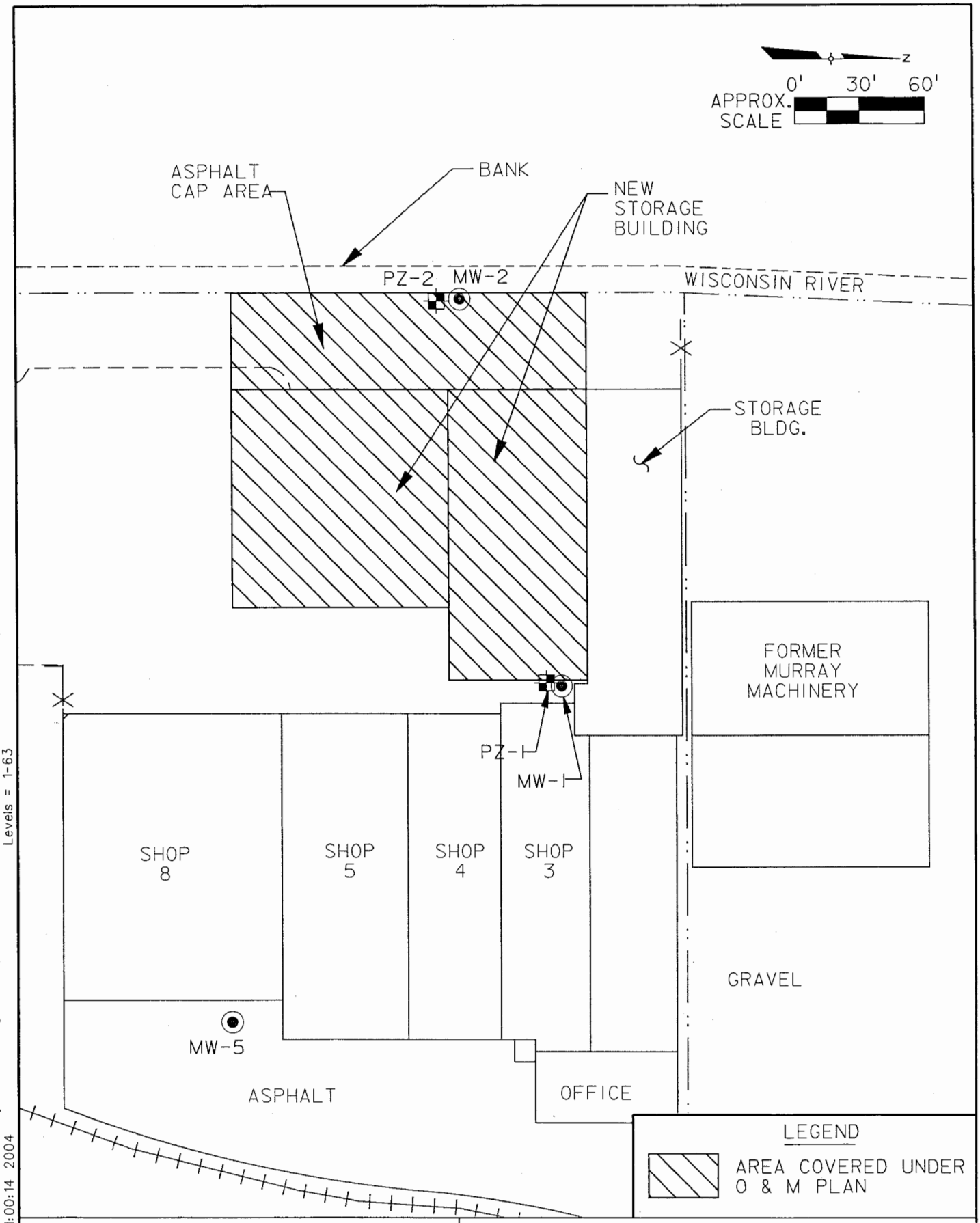
PROGRESS REPORTS

Inspection results, documentation of any repairs, and contingency plan implementation events shall be provided in annual progress reports in accordance with Chapter NR 724.13 (3), Wisconsin Administrative Code. This O&M Plan and all annual progress reports shall be kept in the main office area of the owner and/or responsible party, provided permission is granted by the DNR to maintain records on-site.

PLAN REVISIONS

When warranted by changes in the design, planned use, or maintenance of the remedial action, or when requested by the DNR, responsible parties shall revise the appropriate section(s) of the O&M plan. Plan revisions shall be submitted to the DNR and shall include:

- Information required in Chapter NR 724.05 (2) (e), which consists of:
    - A cover letter with; the date of the submittal, the DNR-issued site identification number, statement of submittal purpose and desired DNR action or response, a brief submittal summary, and the regulatory status of the site or facility.
    - A report or plan that includes; project title or purpose, the DNR issued site identification number, owner and/or responsible party identification information, consultant identification information, if applicable, site address and legal description, location map, date of the submittal, and a summary of the nature and extent of the contamination at the site.
- A revision number.
- Documentation of any changes in the design, planned use, maintenance or monitoring of the remedial action.



EARTH TECH

FIGURE 1
AREA PLAN
FORMER HAMMERBLOW CORPORATION SITE
WAUSAU, WISCONSIN
NCD UID NO. 02-37-000608

DEC 2004 81135

REFERENCE FILE 01 = \\usstps01\data\work\Projects\8
Levels = 1-63
REFERENCE FILE 02 = \\usstps01\data\work\Projects\81135\gra\NSITE.dgn
Levels = 1-63
User is jeff.wendt
Levels are 1-63
PRF = \\usstps01\data\work\Projects\81135\gra\FIG1.prf
DATE=FriDec 17 11:00:14 2004
DGN =\\usstps01\data\work\Projects\81135\gra\FIG1.dgn