GIS REGISTRY INFORMATION

SITE NAME: **FORMER SPEED QUEEN**

BRRTS #: **02-71-000640** **FID # (**if appropriate**):**

COMMERCE # (if appropriate**):**

CLOSURE DATE: **05/15/2007**

STREET ADDRESS: 430 Washington Avenue

CITY: Omro

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection)**:** **X=** 620205 **Y=** 396661

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): [ ] **Yes** [ ] **No**

IF YES, STREET ADDRESS 1:

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

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*	na
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	na
County Parcel ID number, *if used for county*, for all affected properties **#2650606**	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.**	na
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	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)	na
Letter informing ROW owner of residual contamination (if applicable)(public, highway or railroad ROW)	na

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

WISCONSIN
DEPT. OF NATURAL RESOURCES

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

Oshkosh Service Center
625 East County Road Y
Suite 700
Oshkosh, Wisconsin 54901-9731
Telephone 920-424-3050
FAX 920-424-4404
TTY Access via relay - 711

May 15, 2007

Mr. Bob Luhrs
Raytheon Company
Office of Environmental, Health & Safety
235 Wyman Street
Waltham, MA 02451-1219

SUBJECT: Final Case Closure
Raytheon / Former Speed Queen Facility, 430 Washington Avenue, Omro
WDNR BRRTS ID # 02-71-000640

Dear Mr. Luhrs:

On May 10, 2007, the Northeast Region (NER) Closure Committee reviewed your request for closure of the case described above. The NER Closure Committee reviews environmental remediation cases for compliance with state rules and statutes to maintain consistency in the closure of these cases. On May 14, you were notified via email that the Closure Committee had granted conditional closure to this case.

On March 27, 2007 the Department received correspondence indicating that you have complied with the requirements of case closure. Groundwater is at approximately 5' depth and has not been impacted by the PCB contamination at the property. Remediation of the major sources of the contamination in soils and the building has significantly decreased any further risk to groundwater. Remaining soil contamination is capped by both pavement and building and a cap maintenance plan will be in place for protection of direct contact concerns.

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

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. It has been a pleasure to work with you and your consultant to get this property back into the "workforce" of the community. If you have any questions regarding this closure decision or anything outlined in this letter, please contact me at (920) 424-0399.

Sincerely,

Kathleen M. Sylvester

Kathleen M. Sylvester, Hydrogeologist
Remediation & Redevelopment Program

cc: Case File – OSH
Bruce Urben – NER
Jean Greensley, US EPA, Region 5; Waste, Pesticides & Toxics Program Section, 77 W. Jackson Blvd. DT-8J, Chicago, IL 60604 (e-copy)
Chris Macek/Mark Krumenacher – GZA (e-copy)

CAP MAINTENANCE PLAN
430 Washington Avenue
Omro, Wisconsin
WDNR BRRTS No. 02-71-000640
WDNR FID No. 471032430
Tax Parcel No. 2650606
September 27, 2006

INTRODUCTION

This document is the Cap Maintenance Plan (CMP) for a pavement cover and building barrier at the above-referenced property with the legal description; Western Addition, Lots 123, 124, 137 through 140, 153 and 154 and east 33 feet of railroad right-of-way (RROW). The CMP was prepared in accordance with the requirements of s. NR 724.13(2), Wisconsin Administrative Code. The maintenance activities relate to the existing slab-on-grade buildings and other paved surfaces occupying the area over contaminated soil. The contaminated soil is impacted with diesel range organic (DRO) compounds and polychlorinated biphenyls (PCBs). The location of the paved surfaces and building to be maintained in accordance with this CMP, as well as the impacted soil, are identified in the attached map (Exhibit A).

COVER AND BUILDING BARRIER PURPOSE

The paved surfaces and the building foundation over the contaminated soil serve as a barrier to prevent direct human contact with residual soil contamination that might otherwise pose a threat to human health. These paved surfaces and building foundation also act as a partial infiltration barrier to minimize future soil-to-groundwater contamination migration that could violate the groundwater standards in ch. NR 140, Wisconsin Administrative Code. Based on the current and future use of the property, the barrier should function as intended unless disturbed.

ANNUAL INSPECTION

The paved surfaces and building foundations overlying the contaminated soil and as depicted in Exhibit A will be inspected by the property owner or property owner's representative, annually, typically in the spring after the snow and ice are gone, for deterioration, cracks and other potential problems that can cause potential infiltration into or exposure to underlying soils. The inspections will be performed to evaluate damage due to settling, exposure to the weather, wear from traffic, increasing age and other factors. Areas where soil has become or is likely to become exposed will be documented. A log of the inspections and any repairs will be maintained by the property owner and is included as Exhibit B, Cap Inspection Log. The log will include recommendations for necessary repair of areas where underlying soil is exposed. Once repairs are completed, they will be documented in the inspection log. A copy of the inspection log should be maintained on-Site and a copy sent to the Wisconsin Department of Natural Resources

(WDNR) at least annually after every inspection, unless otherwise directed in the case closure letter by the WDNR.

MAINTENANCE ACTIVITIES

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

In the event the paved surfaces and/or the building overlying the contaminated soil are removed or replaced, the replacement barrier must be equally impervious. A replacement barrier will be subject to the same maintenance and inspection guidelines as outlined in this CMP unless indicated otherwise by WDNR.

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

AMENDMENT OR WITHDRAWAL OF MAINTENANCE PLAN

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

Contact Information:

Current Site Owner and Contact:
Raytheon Company
47 Foundry Avenue
Waltham, MA 02453
Mr. Robert C. Luhrs
(781) 642-2401

WDNR Project Manager:
Ms. Kathleen M. Sylvester
625 East County Road Y, Suite 700
Oshkosh, WI 54901-9731
(920) 424-0399

Consultant:
GZA GeoEnvironmental, Inc.
20900 Swenson Drive, Suite 150
Waukesha, WI 53186
(262) 754-2560

Document No.

QUIT CLAIM DEED

0998795

REGISTER'S OFFICE
WINNEBAGO COUNTY, WI
RECORDED ON

1998-02-25 10:36 AM

SUSAN WINNINGHOFF
REGISTER OF DEEDS

Rec. Fee: 10.00
Tran. Fee: #7
Number of Pages: 1

SORENSON LAW OFFICE
PO BOX 311
RIPON WI 54971

RAYTHEON COMMERCIAL LAUNDRY, LLC quit claim(s) to RAYTHEON HOLDING LLC, the following described real estate in Winnebago County, State of Wisconsin;

All that part of the Northeast Quarter (NE1/4) of Section 18, Town 18 North, Range 15 East, City of Omro, Winnebago County, Wisconsin, described by:

Beginning at the Southwest corner of Lot 154 of the plat of the Western Addition to the City of Omro; thence North 0 degrees 19 minutes 49 seconds West (grid bearing) along the west lines of Lots 154, 139, 138 and 123 in said plat, 260.36 feet to the northwest corner of said Lot 123; thence South 83 degrees 52 minutes 13 seconds West, along the south line of Michigan Street 33.15 feet; thence South 0 degrees 19 minutes 26 seconds East 257.06 feet to the north line of West Larrabee Street; thence North 89 degrees 36 minutes 44 seconds East, along the North line of said West Larrabee Street; 33.00 feet to the point of beginning and containing 0.20 acre.

Tax Key # 2650606

ALSO

Lots One Hundred Twenty-Three (123), One Hundred Twenty-four (124), One Hundred Thirty-Seven (137), One Hundred Thirty-Eight (138), One Hundred Thirty-Nine (139), One Hundred Forty (140), One Hundred Fifty-Three (153) and One Hundred Fifty-Four (154), all in Westn Addition to Town Plat of Omro, in the Village of Omro, and now in the Second Ward, City of Omro, Winnebago County, Wisconsin.

This is not homestead property.

Dated this 21 day of January, 19 98.

RAYTHEON COMMERCIAL LAUNDRY, LLC

*BRUCE P. ROUNDS

AUTHENTICATION

Signature(s) Bruce P. Rounds

authenticated this 21 day of January, 1998.

Steven R. Sorenson

TITLE: MEMBER STATE BAR OF WISCONSIN

*Names of persons signing in any capacity should be typed or printed below their signatures.

ACKNOWLEDGMENT

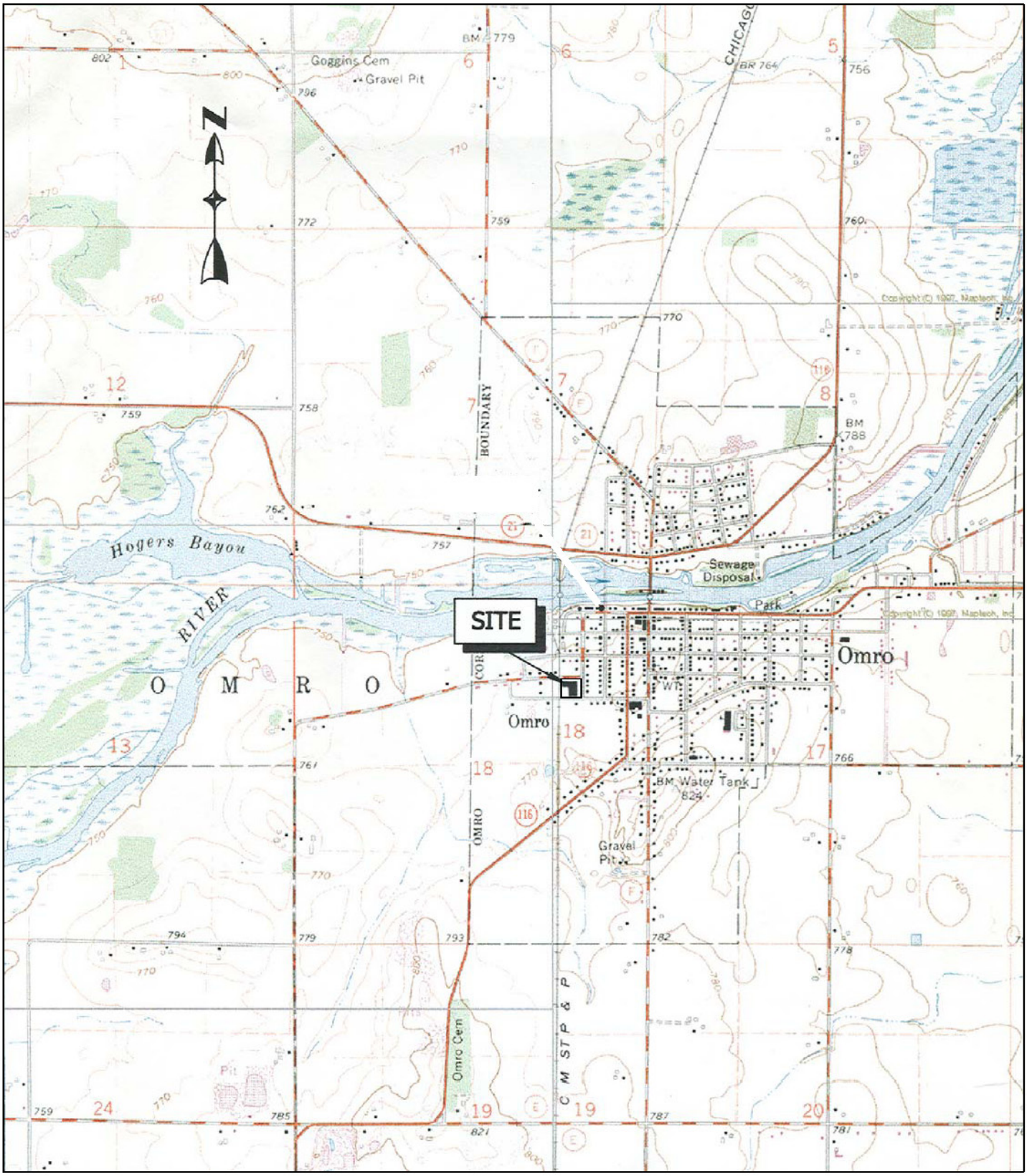
STATE OF WISCONSIN)
)SS
County)

Personally came before me this _____ day of _____, 19____ the above named *

to me known to be the person(s) who executed the foregoing instrument and acknowledge the same.

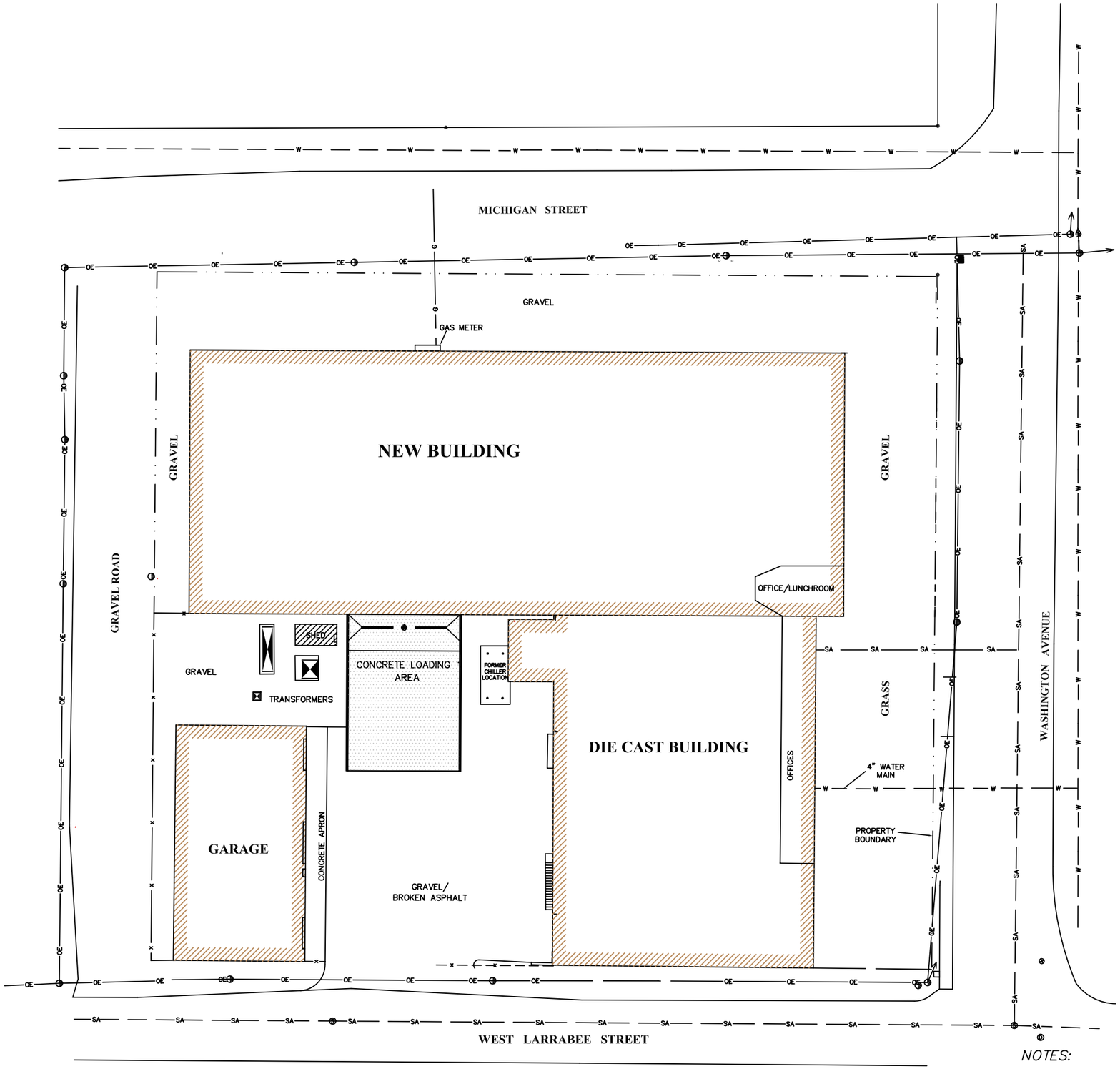
Notary Public - State of Wisconsin
My Commission -

THIS INSTRUMENT WAS DRAFTED BY:
ATTORNEY STEVEN R. SORENSON
PO BOX 311, RIPON WI 54971



SITE LOCATION MAP	SCALE IN FEET 0 1000 2000	DESIGNED BY: CJM DRAWN BY: CJM REVIEWED BY: MJK	FILE NO. 150342.00
FORMER SPEED QUEEN 430 WASHINGTON AVENUE OMRO, WISCONSIN	SOURCE: USGS TOPOGRAPHIC MAP OMRO, WISCONSIN QUADRANGLE © 2006 GZA GeoEnvironmental, Inc.	GZA GeoEnvironmental, Inc. 20900 Swenson Drive • Waukesha, Wisconsin • 53186 Phone (262) 754-2560 • Fax (262) 754-9711 • www.gza.com	FIGURE NO. 1

GZA Drawing Name: J:\300T0389\150342\GIS\Fig 1 – Site Location Map.dwg Last Modified: Mar 20, 2007 – 3:52pm Plotted on: Mar 20, 2007 – 3:53pm by Chris.Macek



LEGEND

- ELECTRICAL PEDESTAL
- POWER POLE
- FENCE
- WATER LINE
- OVERHEAD ELECTRIC LINE
- PROPERTY LINE
- SANITARY LINE
- GAS LINE

NOTES:

(1) SITE PLAN DEVELOPED FROM PLANS PREPARED BY EXCEL ENGINEERING, INC. OF CAMBELLSPORT, WISCONSIN IN APRIL, 1995.

(2) EXISTING UTILITIES SHOWN ARE INDICATED IN ACCORDANCE WITH AVAILABLE RECORDS AND FIELD MEASUREMENTS BY EXCEL ENGINEERING.

DESIGNED BY: CJM
REVIEWED BY:
DRAWN BY: CJM

GZA
GeoEnvironmental, Inc.
20900 Swenson Drive • Waukesha, Wisconsin • 53186
Phone (262) 754-2580 • Fax (262) 754-9711 • www.gza.com

SCALE IN FEET
0 20 40
(APPROXIMATE)

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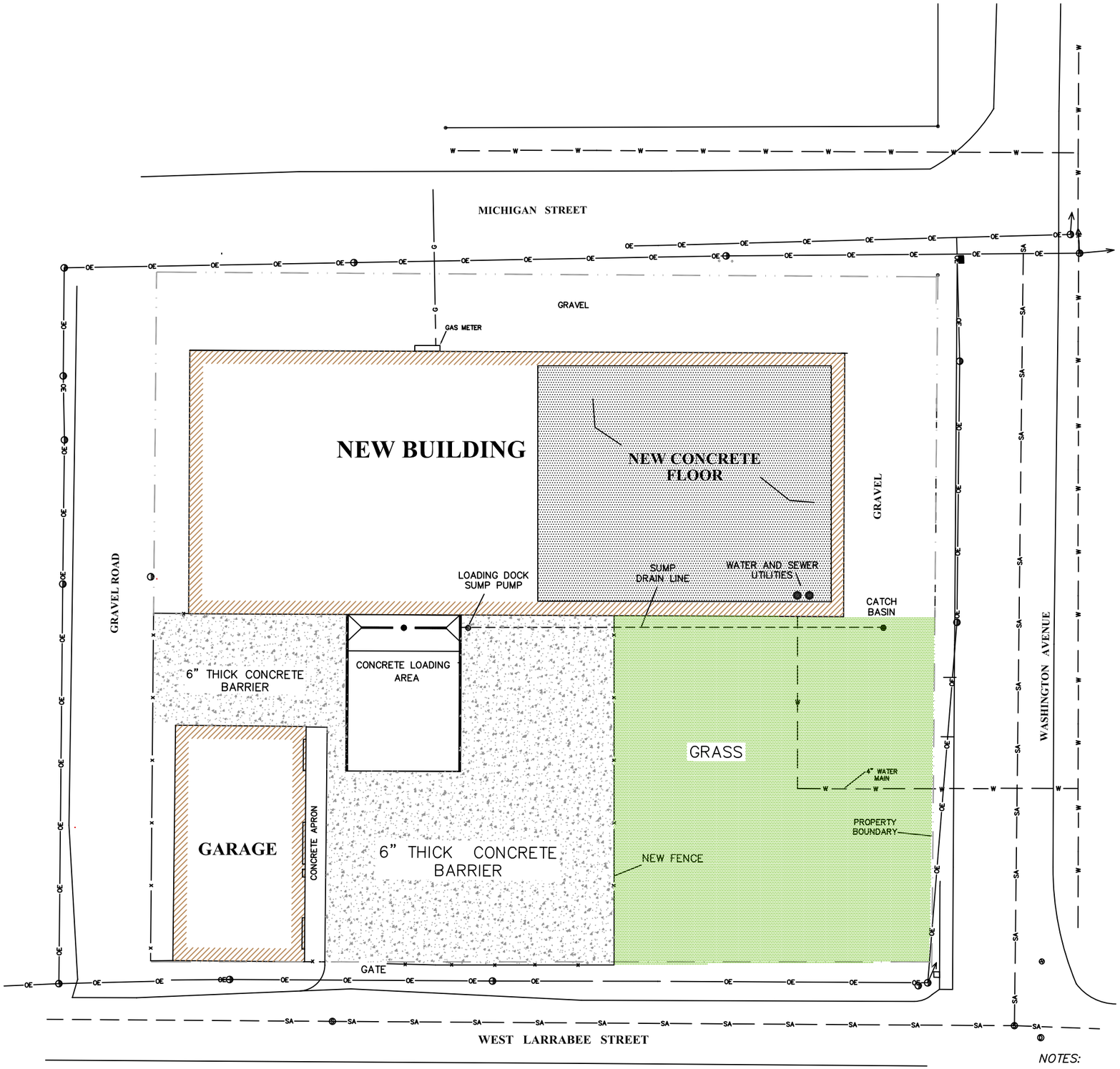
PRE DEMOLITION SITE LAYOUT

FORMER SPEED QUEEN
430 WASHINGTON STREET
OMRO, WISCONSIN

FILE NO.
150342.10

FIGURE NO.
2

GZA Drawing Name: J:\30070399\150342\GS\Figure 2 --Pre Demolition Site Layout.dwg Last Modified: Mar 20, 2007 -- 3:55pm Plotted on: Mar 20, 2007 -- 4:05pm by Chris.Macek



LEGEND

- ELECTRICAL PEDESTAL
- POWER POLE
- FLOOR-CONCRETE CORE SAMPLE
- WALL-CONCRETE CHIP/DUST SAMPLE
- CEILING AREA WIPE SAMPLE
- FENCE
- WATER LINE
- OVERHEAD ELECTRIC LINE
- PROPERTY LINE

NOTES:

(1) SITE PLAN DEVELOPED FROM PLANS PREPARED BY EXCEL ENGINEERING, INC. OF CAMBELLSPORT, WISCONSIN IN APRIL, 1995.

(2) EXISTING UTILITIES SHOWN ARE INDICATED IN ACCORDANCE WITH AVAILABLE RECORDS AND FIELD MEASUREMENTS BY EXCEL ENGINEERING.

DESIGNED BY: CJM
REVIEWED BY:
DRAWN BY: CJM

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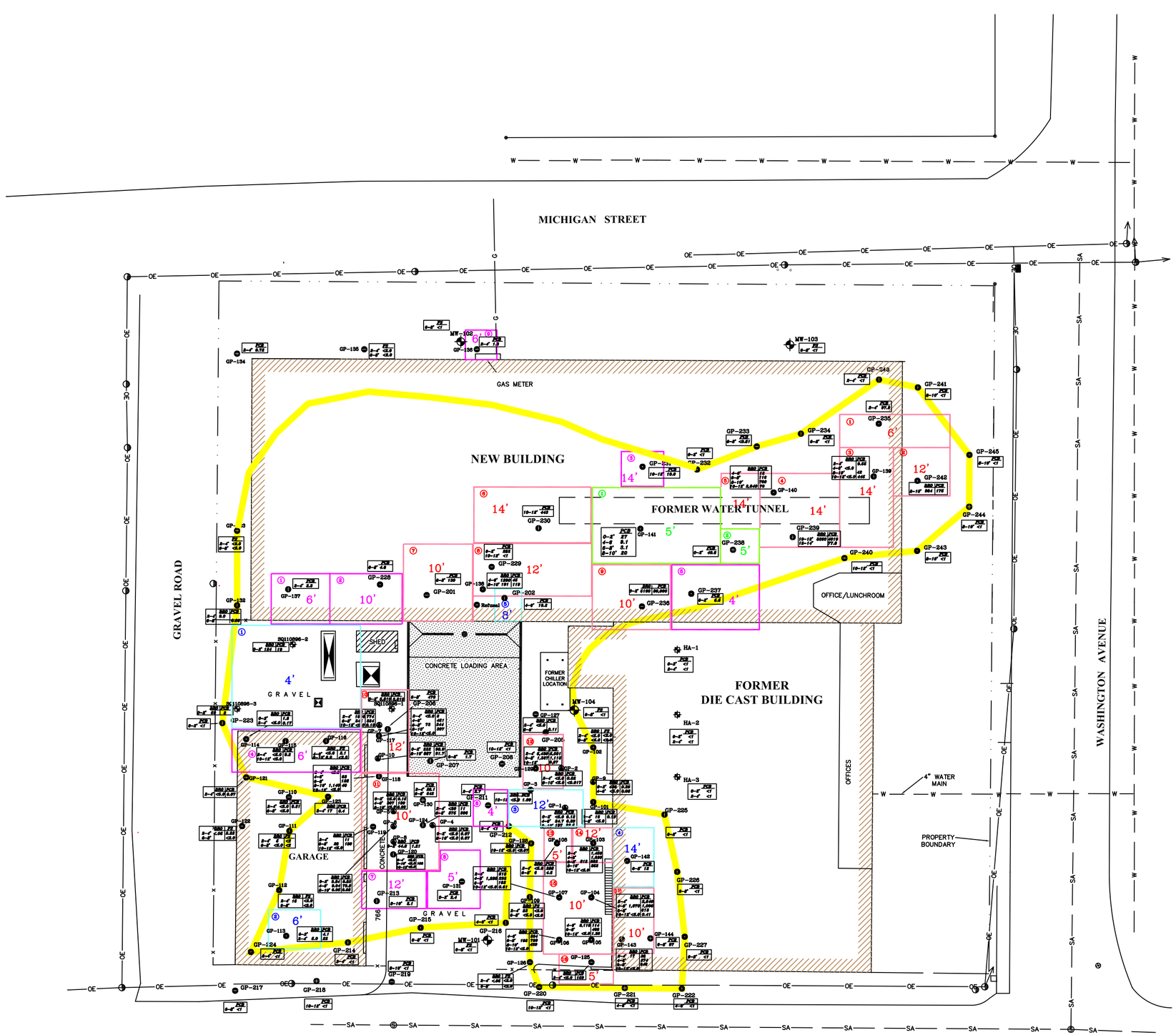
POST DEMOLITION SITE LAYOUT

FORMER SPEED QUEEN
430 WASHINGTON STREET
OMRO, WISCONSIN

FILE NO.
150342.10

FIGURE NO.
4

GZA Drawing Name: J:\30010399\150342\GIS\Figure 4 - Post Demolition-Remediation Site Layout.dwg Last Modified: Mar 20, 2007 - 4:00pm Plotted on: Mar 20, 2007 - 4:04pm by Chris.Macek



APPROXIMATE SOIL VOLUME ESTIMATES PRIOR TO SOIL REMEDIATION

1–10 PPM

*1	– 28x26x6	=	124
*2	– 25x20x10	=	185
*3	– 15x15x14	=	117
*4	– 50x15x6	=	167
*5	– 33x22x4	=	108
6	– 15x15x4	=	33
7	– 20x15x12	=	133
8	– 20x22x5	=	81
9	10X10X6	=	22
	TOTAL	=	970 yd3

*UNDER BUILDING = 534
*UNDER GARAGE = 167
OUTSIDE = 269

10–25 PPM

1	– 50x40x4	=	296
*2	– 20x15x6	=	67
3	– 30x15x12	=	200
*4	– 15x20x14	=	156
*5	– 10x12x8	=	36
	TOTAL	=	755 yd3

*UNDER BUILDING = 192
*UNDER GARAGE = 67
OUTSIDE = 496

25–100 PPM

*1	– 50x30x5	=	278
*2	– 18x15x5	=	50
	TOTAL	=	328 yd3

*UNDER BUILDING = 328

> 100 PPM

1	– 40x12x6	=	107
2	– 20x20x12	=	178
*3	– 22x40x14	=	415
*4	– 30x30x14	=	467
*5	– 15x20x14	=	156
*6	– 20x45x14	=	467
*7	– 25x30x10	=	278
*8	– 45x20x12	=	400
*9	– 35x25x10	=	324
10	– 20x32x12	=	284
11	– 30x35x10	=	389
12	– 15x20x10	=	111
13	– 10x15x5	=	28
14	– 16x14x12	=	108
15	– 28x35x10	=	363
16	– 20x10x5	=	37
*17	– 25x17x10	=	157
	TOTAL	=	4,269 yd3

*UNDER BUILDING = 2,833
OUTSIDE = 1,552

TOTAL	=	6,438
UNDER BUILDING	=	3,887
UNDER GARAGE	=	234
OUTSIDE	=	2,317

LEGEND

- PCB FIELD SCREENING RESULTS LESS THAN 2.0 PARTS PER MILLION
- LABORATORY POLYCHLORINATED BIPHENYLS (PCB) IN PARTS PER MILLION
- DIESEL RANGE ORGANICS (DRO) IN PARTS PER MILLION
- SOIL SAMPLE INTERVAL
- APPROXIMATE EXTENT OF PCB IMPACT > 10 PPM
- GROUNDWATER MONITORING WELLS
- SHALLOW SOIL BORING COMPLETED BY GZA USING HAND TOOLS
- GEOPROBE BORING COMPLETED BY EDER
- GEOPROBE BORING COMPLETED BY GZA
- ELECTRICAL PEDESTAL
- POWER POLE
- FENCE
- WATER LINE
- OVERHEAD ELECTRIC LINE
- PROPERTY LINE

NOTES:

(1) SITE PLAN DEVELOPED FROM PLANS PREPARED BY EXCEL ENGINEERING, INC. OF CAMBELLSPORT, WISCONSIN IN APRIL, 1995.

(2) EXISTING UTILITIES SHOWN ARE INDICATED IN ACCORDANCE WITH AVAILABLE RECORDS AND FIELD MEASUREMENTS BY EXCEL ENGINEERING.

(3) SOIL BORINGS GP–1 THROUGH GP–10 WERE COMPLETED BY EDER ASSOCIATES OF MADISON, WISCONSIN ON NOVEMBER 14, 1995.

(4) SOIL BORINGS GP–101 THROUGH GP–144 WERE COMPLETED BY GZA GEOENVIRONMENTAL, INC. NOVEMBER 6–8, 1996.

(5) MONITORING WELLS MW–101 THROUGH MW–104 WERE INSTALLED BY WISCONSIN SOIL TESTING OF BUTLER, WISCONSIN, AND OBSERVED BY GZA GEOENVIRONMENTAL ON DECEMBER 28,1996.

(6) SOIL BORINGS GP–201 THROUGH GP–246 WERE COMPLETED BY GZA GEOENVIRONMENTAL JANUARY 3–11, 1996.

(7) THE LOCATIONS OF SOIL BORINGS & MONITORING WELLS WERE APPROXIMATELY DETERMINED BY TAPE MEASUREMENTS FROM EXISTING TOPOGRAPHIC FEATURES. THIS DATA SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.

(8) PCB LABORATORY ANALYSIS FOR BORINGS GP–101 THROUGH GP–144 PERFORMED BY DEXSIL ANALYTICAL LABORATORY USING EPA METHOD 8080. FIELD SCREENING PERFORMED BY DEXSIL USING L2000 PCB ANALYZER.

(9) PCB LABORATORY ANALYSIS FOR BORINGS GP–201 THROUGH GP–246 PERFORMED BY ENVIROSCAN ANALYTICAL LABORATORY USING EPA METHOD 8080. FIELD SCREENING PERFORMED BY GZA USING L2000 PCB ANALYZER.

DESIGNED BY: CJM
REVIEWED BY:
DRAWN BY: CJM

GZA
GeoEnvironmental, Inc.
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Phone (262) 754-2560 • Fax (262) 754-9711 • www.gza.com

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PRE-REMEDIATION SOIL SAMPLE LOCATIONS WITH PCB AND DRO ANALYTICAL RESULTS AND EXTENT AND VOLUME OF PCB CONTAMINATED SOIL

FORMER SPEED QUEEN
OMRO, WISCONSIN

FILE NO.
150342.10

FIGURE NO.
3

GZA Drawing Name: J:\JOBTO\399\150342\GIS Information Packet\Figure 3 – Extent of Impacted Soil Map.dwg Last Modified: Mar 20, 2007 – 4:30pm Plotted on: May 29, 2007 – 11:06am by Chris.Macek

TABLE 3
GROUNDWATER ANALYTICAL RESULTS
Former Speed Queen
Omro, Wisconsin

Parameter	MW-101		MW-102			MW-103		MW-104	
	1/6/99	4/12/05	1/6/99	2/28/05	2/28/05	1/6/99	2/28/05	1/6/99	2/28/05
Water Quality	Clear	Clear	Sediment Present	Sediment Present	Sediment Present Sample Filtered before analysis	Clear	Clear	Clear	Clear
PCBs	BDL	BDL	0.431	20	BDL	BDL	BDL	BDL	BDL
VOCs	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
DRO	BDL	NA	BDL	NA	NA	BDL	NA	444	NA

Notes:

1. Groundwater samples were collected by GZA GeoEnvironmental, Inc. (GZA) on January 6, 1999, and analyzed by US Filter/ Enviroscan of Rothschild, Wisconsin. Samples collected in 2005 were analyzed by Test America of Watertown, Wisconsin.
2. Results are presented in units of micrograms per liter (µg/l).
3. BDL = below laboratory detection limits; NA = sample not analyzed for that parameter.
4. PCBs = polychlorinated biphenyls; VOCs = volatile organic compounds; DRO = diesel range organics.
5. PCBs were analyzed according to United States Environmental Protection Agency (USEPA) analytical Method 8081, VOCs according to USEPA Method 8260 and DROs according to the Wisconsin Modified DRO Method.
6. Only PCB Arochlor 1248 was detected in MW-102.

TABLE 2
SOIL VOLATILE ORGANIC COMPOUND ANALYTICAL RESULTS
Former Speed Queen
Omro, Wisconsin

Parameter	WAC NR 720 RCL	GP-1			GP-2		GP-3	GP-4		GP-5			GP-6		
		0 - 2 '	4 - 6'	8 - 10'	2 - 4 '	8 - 10'	10 - 12 '	0 - 2 '	8 - 10'	0 - 2 '	4 - 6'	8 - 10'	0 - 2 '	4 - 6'	8 - 10'
Benzene	0.0055	<0.0028	<0.0022	0.00256	<0.0025	0.00413	<0.0021	<0.0022	0.00247	<0.0027	<0.002	<0.0024	<0.0025	<0.0025	<0.0027
n-Butylbenzene															
sec-Butylbenzene															
tert-Butylbenzene															
Chlorobenzene															
Chloromethane															
Ethylbenzene	2.9	<0.0056	<0.0044	<0.0043	<0.0051	<0.0050	<0.0042	<0.0043	<0.004	<0.0053	<0.0039	<0.0049	<0.0048	<0.005	<0.0053
p-Isopropyltoluene															
Methyl tert butyl ether		<0.012	<0.0088	<0.0086	<0.0102	<0.0099	<0.0084	<0.0087	<0.008	<0.011	<0.0079	<0.01	<0.01	<0.0099	<0.011
Naphthalene	110														
n-Propylbenzene															
Toluene	1.5	<0.012	0.0125	0.0202	0.0263	0.0290	<0.0084	<0.0087	0.0168	<0.011	<0.0079	<0.01	<0.01	0.0231	<0.011
1,2,4-Trichlorobenzene															
1,2,4-Trimethylbenzene		<0.0056	<0.0044	<0.0043	<0.0051	<0.0050	<0.0042	<0.0043	<0.004	<0.0053	0.0219	<0.0049	<0.0048	<0.005	<0.0053
1,3,5-Trimethylbenzene		<0.0056	<0.0045	<0.0043	<0.0052	<0.0050	<0.0043	<0.0045	<0.004	<0.0053	<0.0039	<0.005	<0.0049	<0.005	<0.0054
o-Xylene & Styrene	4.1	<0.0056	<0.0044	<0.0043	<0.0051	<0.0050	<0.0042	<0.0043	<0.004	<0.0053	<0.0039	<0.0049	<0.0048	<0.005	<0.0053
m- & p-Xylene	4.1	<0.0056	0.00463	0.00744	0.00618	0.00672	<0.0042	<0.0043	0.00447	<0.0053	<0.0039	<0.0049	<0.0048	0.0098	<0.0053

TABLE 2
SOIL VOLATILE ORGANIC COMPOUND ANALYTICAL RESULTS
Former Speed Queen
Omro, Wisconsin

Parameter	WAC NR 720 RCL	GP-7			GP-8	GP-9		GP-10		GP-103	GP-104	GP-105
		2 - 4 '	6 - 8'	10 - 12 '	0 - 2 '	0 - 2 '	4 - 6'	0 - 2 '	8-10'	S-4 6 - 8'	S-3 4 - 6'	S-3 4 - 6'
Benzene	0.0055	<0.0027	<0.0023	<0.0024	<0.0017	<0.0025	<0.0015	<0.0016	<0.0025	<0.029	<0.029	<0.029
n-Butylbenzene										0.128	<0.029	<0.029
sec-Butylbenzene										0.554	0.248	0.922
tert-Butylbenzene										0.407	<0.029	0.966
Chlorobenzene										<0.029	<0.029	<0.029
Chloromethane										<0.029	<0.029	<0.029
Ethylbenzene	2.9	<0.0053	<0.0047	<0.0047	<0.0033	<0.0048	<0.003	<0.0031	<0.0048	<0.029	<0.029	<0.029
p-Isopropyltoluene										<0.029	0.149	0.209
Methyl tert butyl ether		<0.01	<0.0093	<0.009	<0.0065	<0.01	<0.006	<0.0062	<0.01	<0.029	<0.029	<0.029
Naphthalene	110									0.4331	0.116	0.499
n-Propylbenzene										0.128	0.185	0.468
Toluene	1.5	<0.01	0.0130	<0.009	<0.0065	<0.01	<0.006	<0.0062	<0.01	<0.29	<0.029	<0.029
1,2,4-Trichlorobenzene										0.332	<0.029	<0.029
1,2,4-Trimethylbenzene		<0.0053	0.0182	<0.0047	<0.0033	<0.0048	<0.003	<0.0032	<0.0049	0.038	0.179	0.547
1,3,5-Trimethylbenzene		<0.0053	<0.0048	<0.0049	<0.0033	<0.0048	<0.003	<0.0032	<0.0049	<0.029	0.094	0.204
o-Xylene & Styrene	4.1	<0.0053	<0.0047	<0.0047	<0.0033	<0.0048	<0.003	<0.0031	<0.0048	0.135	0.100	0.394
m- & p-Xylene	4.1	0.00624	<0.0047	<0.0047	<0.0033	<0.0048	<0.003	<0.0031	0.00551	<0.029	<0.029	<0.029

TABLE 2
SOIL VOLATILE ORGANIC COMPOUND ANALYTICAL RESULTS
Former Speed Queen
Omro, Wisconsin

Parameter	WAC NR 720 RCL	GP-106	GP-107	GP-116	GP-117	GP-118	GP-119	GP-120	GP-123	GP-124	GP-129	GP-139	GP-143
		S-4 6 - 8'	S-3 4 - 6'	S-5 8 - 10'	S-4 6 - 8'	S-5 8 - 10 '	S-4 6 - 8'	S-5 8 - 10 '	S-2 2 - 4'	S-2 2 - 4'	S-4 7 - 8'	S-3 4 - 6 '	S-2 2 - 4'
Benzene	0.0055	<0.029	<0.029	<0.029	<0.029	<0.029	<0.028	<0.029	<0.031	<0.029	<0.029	<0.031	<0.029
n-Butylbenzene		<0.029	<0.029	<0.029	<0.029	<0.029	<0.028	<0.029	<0.031	<0.029	<0.029	<0.031	1.112
sec-Butylbenzene		<0.029	0.187	0.172	0.057	0.319	<0.028	<0.029	<0.031	<0.029	<0.029	<0.031	1.771
tert-Butylbenzene		<0.029	0.208	0.178	0.052	<0.029	<0.028	<0.029	<0.031	<0.029	<0.029	<0.031	<0.029
Chlorobenzene		<0.029	<0.029	<0.029	<0.029	0.034	<0.028	<0.029	<0.031	<0.029	<0.029	<0.031	0.116
Chloromethane		<0.029	0.030	<0.029	<0.029	<0.029	<0.028	<0.029	<0.031	<0.029	<0.029	<0.031	<0.029
Ethylbenzene	2.9	<0.029	<0.029	<0.029	<0.029	0.039	<0.028	<0.029	<0.031	<0.029	<0.029	<0.031	0.111
p-Isopropyltoluene		<0.029	<0.029	<0.029	<0.029	<0.029	<0.028	<0.029	<0.031	<0.029	<0.029	<0.031	<0.029
Methyl tert butyl ether		<0.029	<0.029	<0.029	<0.029	<0.029	<0.028	<0.029	<0.031	<0.029	<0.029	<0.031	<0.029
Naphthalene	110	<0.029	<0.029	<0.029	0.033	0.487	<0.028	<0.029	<0.031	<0.029	<0.029	<0.031	<0.029
n-Propylbenzene		<0.029	0.136	0.211	0.056	0.25	<0.028	<0.029	<0.031	<0.029	<0.029	<0.031	<0.029
Toluene	1.5	<0.029	<0.029	<0.029	<0.029	<0.029	<0.028	<0.029	<0.031	<0.029	<0.029	<0.031	<0.029
1,2,4-Trichlorobenzene		<0.029	<0.029	<0.029	<0.029	<0.029	<0.028	<0.029	<0.031	<0.029	<0.029	<0.031	<0.029
1,2,4-Trimethylbenzene		<0.029	0.139	0.116	0.044	0.287	<0.028	<0.029	<0.031	<0.029	<0.029	<0.031	0.906
1,3,5-Trimethylbenzene		<0.029	0.056	<0.029	<0.029	<0.029	<0.028	<0.029	<0.031	<0.029	<0.029	<0.031	<0.029
o-Xylene & Styrene	4.1	<0.029	0.051	0.029	<0.029	0.365	<0.028	<0.029	<0.031	<0.029	<0.029	<0.031	<0.029
m- & p-Xylene	4.1	<0.029	<0.029	<0.029	<0.029	<0.029	<0.028	<0.029	<0.031	<0.029	<0.029	<0.031	0.058

Notes:
1. Borings GP-1 through GP-10 were completed by Eder Associates in November 1995. Other borings were completed by GZA GeoEnvironmental, Inc. in November 1996.
2. Samples collected from borings GP-1 through GP-10 were analyzed for petroleum volatile organic compounds (PVOCs) according to U.S. EPA analytical Method 8021. Samples collected from other borings were analyzed for volatile organic compounds (VOCs) according to U.S. EPA analytical Method 8021.
3. Concentrations are in units of milligrams per kilogram (mg/kg). Blank spaces indicate that the parameter was not analyzed for.
4. Laboratory analyses were performed by U.S. Filter/Enviroscan of Rothschild, Wisconsin. Only compounds detected during analyses are shown.
5. Wisconsin Administrative Code Chapter NR 720 Residual Contaminant Levels (RCLs) are shown for reference, where established. The RCL shown for o-xylene & styrene and m- & p-xylene are the RCL for total xylenes.

TABLE 1
SOIL FIELD SCREENING, PCB AND DRO ANALYTICAL RESULTS
Former Speed Queen
Omro, Wisconsin

Boring Locations	Sample Number and Depth Intervals								Sample Observations	
	S-1 0 - 2'	S-2 2 - 4'	S-3 4 - 6'	S-4 6 - 8'	S-5 8 - 10'	S-6 10 - 12'	S-7 12 - 14'	S-8 14 - 16'	Visual Staining	Incidental Odors
Samples Collected November 1995										
GP-1										
OVA	100		55		<0.2					
DRO	<5.0		24.7		197					
PVOC	See Table C-2		See Table C-2		See Table C-2					
PCB (8080)	0.12		0.20		23.5					
GP-2										
OVA		70			<0.2					
DRO		<5.0			<5.0					
PVOC		See Table C-2			See Table C-2					
PCB (8080)		0.02			<0.017					
GP-3										
OVA						1				
DRO						<5.0				
PVOC						See Table C-2				
PCB (8080)						1.09				
GP-4										
OVA	100				<0.2					
DRO	<5.0				<5.0					
PVOC	See Table 4				See Table 4					
PCB (8080)	0.07				0.07					
GP-5										
OVA	340		12		<0.2					
DRO	<5.0		**307**		<5.0					
PVOC	See Table C-2		See Table C-2		See Table C-2					
PCB (8080)	0.15		180		0.09					
GP-6										
OVA	500		15		<0.2					
DRO	9.84		9.04		6.05					
PVOC	See Table C-2		See Table C-2		See Table C-2					
PCB (8080)	0.83		79.8		0.08					
GP-7										
OVA		180		94		1				
DRO		**1,540**		**245**		<5.0				
PVOC		See Table C-2		See Table C-2		See Table C-2				
PCB (8080)		774		324		0.13				
GP-8										
OVA	17									
DRO	44.8									
PVOC	See Table 4									
PCB (8080)	1.21									
GP-9										
OVA	11		<0.2							
DRO	**438**		<5.0							
PVOC	See Table C-2		See Table C-2							
PCB (8080)	0.26		0.08							
GP-10										
OVA	300				10					
DRO	**222**				**887**					
PVOC	See Table C-2									
PCB (8080)	90.9				91.7					

TABLE 1
SOIL FIELD SCREENING, PCB AND DRO ANALYTICAL RESULTS
Former Speed Queen
Omro, Wisconsin

Boring Locations	Sample Number and Depth Intervals								Sample Observations	
	S-1 0 - 2'	S-2 2 - 4'	S-3 4 - 6'	S-4 6 - 8'	S-5 8 - 10'	S-6 10 - 12'	S-7 12 - 14'	S-8 14 - 16'	Visual Staining	Incidental Odors
Samples Collected November 1996										
GP-101									ND	ND
OVM	<1	<1	<1	<1	<1	<1				
DRO		15.9		<5.0						
VOC										
PCB (Field)		<2.0		<2.0						
PCB (8080)		0.19								
GP-102									ND	ND
OVM	<1	<1	<1	<1	<1	<1				
DRO		<5.0		<5.0						
VOC										
PCB (Field)		<2.0		<2.0						
PCB (8080)										
GP-103									Yes	Yes
OVM	<1	55	62	86	45	<1				
DRO				**812**		<5.0				
VOC				See Table C-2						
PCB (Field)		1,224.50	1,102.79	501.35	159.31	<2.0				
PCB (8080)		1,450	1,320	682	252					
GP-104									2-4'	ND
OVM	<1	31	110	36	15	<1				
DRO			**1,070**			<5.0				
VOC			See Table C-2							
PCB (Field)		1,360.13	811.02	707.24		2.09				
PCB (8080)		3,540	1,096	613		0.41				
GP-105									4-6'	Yes
OVM	<1	<1	34	36	15	<1				
DRO			**3,110**			<5.0				
VOC			See Table C-2							
PCB (Field)		<2.0	81.74	449.71		2.21				
PCB (8080)			114	466		1.20				
GP-106									ND	Slight
OVM	<1	<1	1	12	7	<1				6-8'
DRO				102		<5.0				
VOC				See Table C-2						
PCB (Field)			172.87	106.23	299.10	<2.0				
PCB (8080)			334	734	429					
GP-107									ND	ND
OVM	<1	2	22	11	14	<1				
DRO			**1,230**			<5.0				
VOC			See Table C-2							
PCB (Field)		271.75	177.76	157.48		<2.0				
PCB (8080)		518	292	163						
GP-108									ND	ND
OVM	<1	<1	<1	<1	<1	<1				
DRO		<5.0		5.51						
VOC										
PCB (Field)	<2.0	168.42	<2.0	7.83						
PCB (8080)		288								
GP-109									ND	ND
OVM	<1	<1	<1	<1	<1	<1				
DRO		22.7		<5.0						
VOC										
PCB (Field)		<2.0		<2.0						
PCB (8080)										
GP-110									Slight	4-6'

TABLE 1
SOIL FIELD SCREENING, PCB AND DRO ANALYTICAL RESULTS
Former Speed Queen
Omro, Wisconsin

Boring Locations	Sample Number and Depth Intervals								Sample Observations	
	S-1 0 - 2'	S-2 2 - 4'	S-3 4 - 6'	S-4 6 - 8'	S-5 8 - 10'	S-6 10 - 12'	S-7 12 - 14'	S-8 14 - 16'	Visual Staining	Incidental Odors
OVM	8	1	<1	<1	<1	<1			2-4'	
DRO		<5.0		<5.0						
VOC										
PCB (Field)		<2.0	<2.0	<2.0						
PCB (8080)		0.31								
GP-111									ND	ND
OVM	7	<1	<1	<1	<1	<1				
DRO		5.23		<5.0						
VOC										
PCB (Field)		<2.0		<2.0						
PCB (8080)										
GP-112									ND	Possible
OVM	2	4	<1	<1	<1	<1				Petro Odor
DRO		14.6								2-4'
VOC										
PCB (Field)		<2.0		<2.0						
PCB (8080)										
GP-113									ND	ND
OVM	3	<1	<1	<1	<1	<1				
DRO		5.29								
VOC										
PCB (Field)	9.66	27.39	<2.0	<2.0						
PCB (8080)	4.1	22								
GP-114									ND	ND
OVM	<1	<1	<1	<1	<1	<1				
DRO		<5								
VOC										
PCB (Field)	16.31	22.97	<2.0	<2.0						
PCB (8080)	1.3	0.17								
GP-115									ND	ND
OVM	5	3	1	3	1	4				
DRO		<5				<5				
VOC										
PCB (Field)		2.35				<2.0				
PCB (8080)		9.2								
GP-116									ND	ND
OVM	<1	4	5	<1	18	<1				
DRO			<5		6.15					
VOC					See Table C-2					
PCB (Field)			2.11		<2.0					
PCB (8080)										
GP-117									ND	Slight
OVM	5	6	28	200	176	2				But Not
DRO		<5		73.2		<5				Petro
VOC				See Table C-2						0-2'
PCB (Field)		2.34	419.71	261.75	158.63	<2.0				
PCB (8080)		3	451	344	307					
GP-118									ND	ND
OVM	6	30	14	20	37	<1				
DRO		<5			**1,140**	<5				
VOC					See Table C-2					
PCB (Field)		<2.0	71.21	37.79	167.77	<2.0				
PCB (8080)			63	128	40					

TABLE 1
SOIL FIELD SCREENING, PCB AND DRO ANALYTICAL RESULTS
Former Speed Queen
Omro, Wisconsin

Boring Locations	Sample Number and Depth Intervals								Sample Observations	
	S-1 0 - 2'	S-2 2 - 4'	S-3 4 - 6'	S-4 6 - 8'	S-5 8 - 10'	S-6 10 - 12'	S-7 12 - 14'	S-8 14 - 16'	Visual Staining	Incidental Odors
GP-119									ND	ND
OVM	5	11	8	20	8	4				
DRO				27.6		<5				
VOC				See Table C-2						
PCB (Field)		11.55		93.15		<2.0				
PCB (8080)		11		180						
GP-120									ND	ND
OVM	4	<1	<1	<1	22	<1				
DRO		<5			<5	<5				
VOC					See Table C-2					
PCB (Field)		2.02			14.57					
PCB (8080)					100					
GP-121									ND	ND
OVM	<1	<1	<1	<1	<1	<1				
DRO		<5								
VOC										
PCB (Field)		2.86		<2.0						
PCB (8080)		0.07								
GP-122									ND	ND
OVM	<1	<1	<1	<1	<1	<1				
DRO		<5								
VOC										
PCB (Field)		2.22		<2.0						
PCB (8080)										
GP-123									ND	ND
OVM	<1	17	<1	<1	<1	<1				
DRO		16.8								
VOC		See Table C-2								
PCB (Field)		2.71		2.00						
PCB (8080)		0.40								
GP-124									ND	ND
OVM	37	14	<1	6	<1	<1				
DRO		38.1		**375**						
VOC		See Table C-2								
PCB (Field)		6.37		271.99						
PCB (8080)		11		396						
GP-125									ND	ND
OVM	7	<1	<1	<1	<1	<1				
DRO		<5								
VOC										
PCB (Field)		165.31		<2.0						
PCB (8080)		159								
GP-126									ND	ND
OVM	<1	<1	<1	<1	<1	<1				
DRO		<5								
VOC										
PCB (Field)		<2.0		<2.0						
PCB (8080)										
GP-127									ND	ND
OVM	<1	<1	<1	<1	<1	<1				
DRO		<5.0								
VOC										
PCB (Field)		<2.0		2.10						
PCB (8080)				0.11						

TABLE 1
SOIL FIELD SCREENING, PCB AND DRO ANALYTICAL RESULTS
Former Speed Queen
Omro, Wisconsin

Boring Locations	Sample Number and Depth Intervals								Sample Observations	
	S-1 0 - 2'	S-2 2 - 4'	S-3 4 - 6'	S-4 6 - 8'	S-5 8 - 10'	S-6 10 - 12'	S-7 12 - 14'	S-8 14 - 16'	Visual Staining	Incidental Odors
GP-128									ND	ND
OVM	<1	<1	<1	<1	<1	6				
DRO						<5.0				
VOC										
PCB (Field)		<2.0		<2.0						
PCB (8080)						<0.07				
GP-129									ND	Petro Odor
OVM	6	6	5	12	<1	<1				2-4'
DRO		**4,750**		**1,337**						Slight
VOC				See Table C-2						6-8'
PCB (Field)		>2,000		891.88		4.44				
PCB (8080)		5,501		1,113		0.67				
GP-130									ND	ND
OVM	<1	<1	<1	<1	<1	<1				
DRO										
VOC										
PCB (Field)		5.55		843.94						
PCB (8080)		26.1		542						
GP-131									ND	ND
OVM	6	No Recovery	<1	<1	<1	<1				
DRO										
VOC										
PCB (Field)	3.07		<2.0	<2.0						
PCB (8080)	2.4									
GP-132									ND	ND
OVM	<1	<1	<1	<1	<1	<1				
DRO		9.21								
VOC										
PCB (Field)		<2.0		<2.0						
PCB (8080)				0.06						
GP-133									ND	ND
OVM	<1	<1	<1	<1	<1	<1				
DRO										
VOC										
PCB (Field)		<2.0		<2.0						
PCB (8080)										
GP-134									ND	ND
OVM	<1	<1	<1	<1	<1	<1				
DRO										
VOC										
PCB (Field)		3.81		<2.0						
PCB (8080)		0.72								
GP-135									ND	ND
OVM	<1	<1	<1	<1	<1	<1				
DRO										
VOC										
PCB (Field)		<2.0		<2.0						
PCB (8080)										
GP-136									ND	ND
OVM	<1	<1	<1	<1	<1	<1				
DRO										
VOC										
PCB (Field)		3.33		<2.0						
PCB (8080)		1.3								

TABLE 1
SOIL FIELD SCREENING, PCB AND DRO ANALYTICAL RESULTS
Former Speed Queen
Omro, Wisconsin

Boring Locations	Sample Number and Depth Intervals								Sample Observations	
	S-1 0 - 2'	S-2 2 - 4'	S-3 4 - 6'	S-4 6 - 8'	S-5 8 - 10'	S-6 10 - 12'	S-7 12 - 14'	S-8 14 - 16'	Visual Staining	Incidental Odors
GP-137									ND	ND
OVM										
DRO										
VOC										
PCB (Field)		5.86		<2.0						
PCB (8080)		2.3								
GP-138									ND	ND
OVM	5	<1	<1	<1	10	2				
DRO					191					
VOC										
PCB (Field)			62.37		236.29	<2.0				
PCB (8080)			45		119					
GP-139									ND	ND
OVM	2	3	6	3	2	1				
DRO			<5.0			<5.0				
VOC			See Table C-2							
PCB (Field)	<2.0	<2.0	<2.0	<2.0	53.52	163.51				
PCB (8080)		0.55			42	445				
GP-140									ND	ND
OVM	<1	<1	<1	<1	5	4				
DRO						**2,040**				
VOC										
PCB (Field)			5.30	324.76	1,096.68	60.03				
PCB (8080)			12	116	760	70				
GP-141									ND	0-6'
OVM	<1	<1	<1	<1	<1	<1				
DRO										
VOC										
PCB (Field)	40.58		9.43	6.81	14.52					
PCB (8080)	27		9.1	3.1	20					
GP-142									ND	ND
OVM	<1	<1	<1	<1	<1	<1				
DRO										
VOC										
PCB (Field)		<2.0		4.60						
PCB (8080)				12						
GP-143									ND	2-6'
OVM	<1	>1,000	8	34	19	<1				
DRO		16.9				<5.0				
VOC		See Table C-2								
PCB (Field)		23.69	116.86	386.57		<2.0				
PCB (8080)		38	374	646						
GP-144									ND	ND
OVM	<1	<1	<1	<1	<1	<1				
DRO										
VOC										
PCB (Field)		<2.0		62.44						
PCB (8080)				97						
SQ110896-1	14"								ND	ND
OVM										
DRO	5,810									
VOC										
PCB (Field)	>2,000									
PCB (8080)	3,810									

TABLE 1
SOIL FIELD SCREENING, PCB AND DRO ANALYTICAL RESULTS
Former Speed Queen
Omro, Wisconsin

Boring Locations	Sample Number and Depth Intervals								Sample Observations	
	S-1 0 - 2'	S-2 2 - 4'	S-3 4 - 6'	S-4 6 - 8'	S-5 8 - 10'	S-6 10 - 12'	S-7 12 - 14'	S-8 14 - 16'	Visual Staining	Incidental Odors
SQ110896-2	14"								ND	ND
OVM										
DRO	124									
VOC										
PCB (Field)	19.15									
PCB (8080)	19									
SQ110896-3	16"								ND	ND
OVM										
DRO	59.0									
VOC										
PCB (Field)	3.46									
PCB (8080)	3									
Samples Collected January 1999										
GP-201									ND	ND
OVM	112	8	27	27	13	<1				
DRO										
VOC										
PCB (Field)				59.4		<1				
PCB (8080)				130.0						
GP-202									ND	ND
OVM	26.7	21.0	<1	<1	<1	<1				
DRO										
VOC										
PCB (Field)			10.5	5.3		1.7				
PCB (8080)			19.2							
GP-203	Soil Boring Cancelled									
GP-204	Soil Boring Cancelled									
GP-205	Soil Boring Cancelled									
GP-206									ND	Odor at 4-8'
OVM	<1	<1	8.0	13.3	53.0	<1				
DRO										
VOC										
PCB (Field)				500.0		1.7				
PCB (8080)				470.0						
GP-207									ND	ND
OVM	<1	<1	<1	<1	<1	<1				
DRO										
VOC										
PCB (Field)				2.0		1.8				
PCB (8080)				1.7						
GP-208									ND	Odor at 8-10'
OVM	23.3	<1	<1	<1	<1	<1				
DRO										
VOC										
PCB (Field)			<1			2.6				
PCB (8080)						<0.82				
GP-209	Soil Boring Cancelled									
GP-210	Soil Boring Cancelled									
GP-211									ND	ND
OVM	41.0	51.7	<1	5.1	<1	<1				
DRO										
VOC										
PCB (Field)		78.6		54.2		<1				
PCB (8080)		2.74								

TABLE 1
SOIL FIELD SCREENING, PCB AND DRO ANALYTICAL RESULTS
Former Speed Queen
Omro, Wisconsin

Boring Locations	Sample Number and Depth Intervals								Sample Observations	
	S-1 0 - 2'	S-2 2 - 4'	S-3 4 - 6'	S-4 6 - 8'	S-5 8 - 10'	S-6 10 - 12'	S-7 12 - 14'	S-8 14 - 16'	Visual Staining	Incidental Odors
GP-212									ND	ND
OVM	<1	<1	<1	<1	<1	<1				
DRO										
VOC										
PCB (Field)		1.3		<1		<1				
PCB (8080)		<0.81								
GP-213									ND	ND
OVM	<1	<1	<1	<1	<1	<1				
DRO					7.53					
VOC										
PCB (Field)		2.2			10.6	2.1				
PCB (8080)					2.1					
GP-214									ND	ND
OVM	<1	<1	<1	<1	<1	<1				
DRO										
VOC										
PCB (Field)		3.7		1.8						
PCB (8080)		<0.82								
GP-215									ND	ND
OVM	<1	<1	<1	<1	<1	<1				
DRO										
VOC										
PCB (Field)		<1		4.6		2.9				
PCB (8080)				<0.82						
GP-216									ND	ND
OVM	18.1	54.3	194.0	72.4	12.9	<1				
DRO										
VOC										
PCB (Field)		<1	2.1	1.0		<1				
PCB (8080)			<0.65							
GP-217									ND	ND
OVM	<1	<1	<1	<1	<1	<1				
DRO										
VOC										
PCB (Field)			<1	2.0		1.4				
PCB (8080)				<0.82						
GP-218									ND	ND
OVM	<1	<1	<1	<1	<1	<1				
DRO										
VOC										
PCB (Field)		<1		<1		3.0				
PCB (8080)						<0.81				
GP-219									ND	ND
OVM	<1	<1	<1	<1	<1	<1				
DRO										
VOC										
PCB (Field)		<1			<1					
PCB (8080)					<0.82					
GP-220									ND	ND
OVM	<1	<1	<1	<1	<1	<1				
DRO										
VOC										
PCB (Field)			1.0		<1	4.3				
PCB (8080)						<0.82				

TABLE 1
SOIL FIELD SCREENING, PCB AND DRO ANALYTICAL RESULTS
Former Speed Queen
Omro, Wisconsin

Boring Locations	Sample Number and Depth Intervals								Sample Observations	
	S-1 0 - 2'	S-2 2 - 4'	S-3 4 - 6'	S-4 6 - 8'	S-5 8 - 10'	S-6 10 - 12'	S-7 12 - 14'	S-8 14 - 16'	Visual Staining	Incidental Odors
GP-221									ND	ND
OVM	<1	<1	<1	<1	<1	<1				
DRO										
VOC										
PCB (Field)			2.9		<1	1.6				
PCB (8080)			<0.83							
GP-222									ND	ND
OVM	<1	<1	<1	<1	<1	<1				
DRO										
VOC										
PCB (Field)			<1			0.2				
PCB (8080)			<0.81							
GP-223									ND	ND
OVM	14	<1	<1	<1	<1	<1				
DRO	32.0									
VOC										
PCB (Field)	2.8			<1						
PCB (8080)	2.16									
GP-224									ND	ND
OVM	<1	<1	<1	<1	<1	<1				
DRO										
VOC										
PCB (Field)		<1		2.0						
PCB (8080)		<0.86								
GP-225									ND	ND
OVM	<1	<1	<1	<1	<1	<1				
DRO										
VOC										
PCB (Field)		<1		<1						
PCB (8080)				<0.83						
GP-226									ND	ND
OVM	<1	<1	<1	<1	<1	<1				
DRO										
VOC										
PCB (Field)		<1		<1						
PCB (8080)				<0.83						
GP-227									ND	ND
OVM	<1	<1	<1	<1	<1	<1				
DRO										
VOC										
PCB (Field)		<1		<1						
PCB (8080)				<0.8						
GP-228									ND	Oil odor
OVM	16.0	<1	<1	<1	<1	<1				2 to 12'
DRO										
VOC										
PCB (Field)	4.0			8.2		<1				
PCB (8080)				4.56						
GP-229									ND	Oil odor
OVM	21.4	8.0	<1	<1	<1	<1				1 to 12'
DRO	**1260.0**									
VOC										
PCB (Field)	555.0			21.0		30.0				
PCB (8080)	282.0					<0.82				

TABLE 1
SOIL FIELD SCREENING, PCB AND DRO ANALYTICAL RESULTS
Former Speed Queen
Omro, Wisconsin

Boring Locations	Sample Number and Depth Intervals								Sample Observations	
	S-1 0 - 2'	S-2 2 - 4'	S-3 4 - 6'	S-4 6 - 8'	S-5 8 - 10'	S-6 10 - 12'	S-7 12 - 14'	S-8 14 - 16'	Visual Staining	Incidental Odors
GP-230									dark	odor
OVM	8.0	2.6	<1	<1	<1	<1			0-2'	2 to 8'
DRO										
VOC										
PCB (Field)	847.0			147.0		655.0				
PCB (8080)						443.0				
GP-231									ND	ND
OVM	No Recovery	5.1	<1	<1	<1	<1	<1	<1		
DRO										
VOC										
PCB (Field)		<1		4.6		11.5				
PCB (8080)						10.0				
GP-232									ND	ND
OVM	20.7	<1	<1	<1	<1	<1	<1	<1		
DRO										
VOC										
PCB (Field)	45.9			6.1		5.9				
PCB (8080)	<0.8			<0.82						
GP-233									ND	ND
OVM	15.5	<1	<1	<1	<1	<1	<1	<1		
DRO				<5.8						
VOC										
PCB (Field)	11.3	5.4		21.0		3.8				
PCB (8080)				<0.81						
GP-234									ND	ND
OVM	40.0	<1	13.5	79.8	13.5	<1	6.1	<1		
DRO										
VOC										
PCB (Field)				2.2		<1	2.9	1.4		
PCB (8080)				<0.82						
GP-235									ND	ND
OVM	3.6	11.7	Refusal at 4'							
DRO										
VOC										
PCB (Field)	<1	99.8								
PCB (8080)		97.9								
GP-236										Oil Odor
OVM	41.4	<1	<1	<1	<1	<1	<1	<1		1-2'
DRO	**5,160**									
VOC										
PCB (Field)	1,535			25.4		1.2				
PCB (8080)	30,000									
GP-237										
OVM	<1	<1	<1	<1	<1	<1	<1	<1		
DRO										
VOC										
PCB (Field)	13.6			2.0		<1				
PCB (8080)	5.49									
GP-238										Strong
OVM	12.9	<1	<1	<1	<1	<1	<1	<1		Non-Petro
DRO										Oil Odor
VOC										0-6'
PCB (Field)	41.0			1.0		<1				
PCB (8080)	40.6									

TABLE 1
SOIL FIELD SCREENING, PCB AND DRO ANALYTICAL RESULTS
Former Speed Queen
Omro, Wisconsin

Boring Locations	Sample Number and Depth Intervals								Sample Observations	
	S-1 0 - 2'	S-2 2 - 4'	S-3 4 - 6'	S-4 6 - 8'	S-5 8 - 10'	S-6 10 - 12'	S-7 12 - 14'	S-8 14 - 16'	Visual Staining	Incidental Odors
GP-239									dark	Strong
OVM	230.0	3.0	<1	5.3	<1	5.3	<1	<1	0-2'	Non-Petro
DRO						**3260.0**				Oil Odor
VOC										0-8'
PCB (Field)	65.4			100.0		1030.0		6.2		
PCB (8080)						4010.0	77.8			
GP-240										
OVM	<1	<1	<1	<1	<1	<1				
DRO										
VOC										
PCB (Field)				1.9		1.4	<1			
PCB (8080)						<0.82				
GP-241									ND	ND
OVM	<1	<1	<1	<1	<1	<1				
DRO										
VOC										
PCB (Field)				<1	<1	<1				
PCB (8080)					<0.81					
GP-242									ND	ND
OVM	<1	<1	<1	<1	<1	<1				
DRO					**964**					
VOC										
PCB (Field)				<1	1125/740	<1				
PCB (8080)					175					
GP-243									ND	ND
OVM	<1	<1	<1	<1	<1	<1				
DRO										
VOC										
PCB (Field)				1.3	4.6	<1				
PCB (8080)					<0.81					
GP-244									ND	ND
OVM	<1	<1	<1	<1	<1	<1				
DRO										
VOC										
PCB (Field)				3.8	1.8	<1				
PCB (8080)					<0.81					
GP-245									ND	ND
OVM	<1	<1	<1	<1	<1	<1				
DRO										
VOC										
PCB (Field)				1.4	1.7	1.6				
PCB (8080)					<0.82					
GP-246									ND	ND
OVM	<1	<1	<1	<1	<1	<1				
DRO										
VOC										
PCB (Field)		<1		<1			<1			
PCB (8080)		<0.97								
MW-101									ND	ND
OVM				<1						
DRO										
VOC										
PCB (Field)				<1						
PCB (8080)										

TABLE 1
SOIL FIELD SCREENING, PCB AND DRO ANALYTICAL RESULTS
Former Speed Queen
Omro, Wisconsin

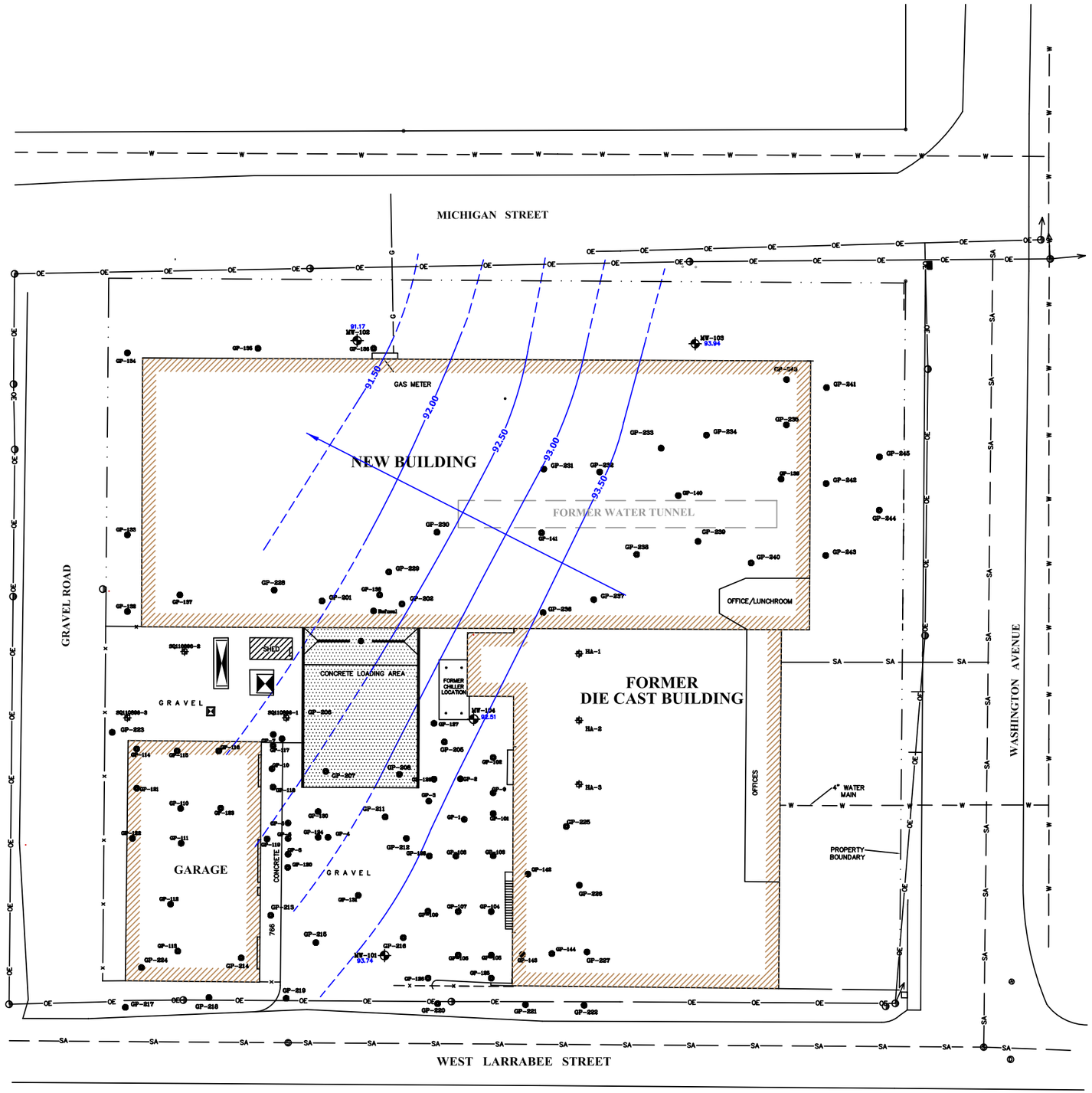
Boring Locations	Sample Number and Depth Intervals								Sample Observations	
	S-1 0 - 2'	S-2 2 - 4'	S-3 4 - 6'	S-4 6 - 8'	S-5 8 - 10'	S-6 10 - 12'	S-7 12 - 14'	S-8 14 - 16'	Visual Staining	Incidental Odors
MW-102									ND	ND
OVM				<1						
DRO										
VOC										
PCB (Field)				<1						
PCB (8080)										
MW-103									ND	ND
OVM				<1						
DRO										
VOC										
PCB (Field)				<1						
PCB (8080)										
MW-104									ND	ND
OVM				<1						
DRO										
VOC										
PCB (Field)				<1						
PCB (8080)										
Samples Collected July 2005										
HA-1									ND	ND
PCB (8082)	<1	<1								
HA-2									ND	ND
PCB (8082)	<1	<1								
HA-3									ND	ND
PCB (8082)	<1	<1								

Notes:
1. Geoprobe borings GP-1 through GP-10 were completed by Eder Associates in November 1996. Geoprobe borings GP-101 through GP-144 were completed by GZA GeoEnvironmental, Inc. (GZA) in November 1996. Hollow stem auger borings MW-101 through MW-104 were completed by GZA in December 1998. Geoprobe borings GP-201 through GP-246 were completed by GZA in January 1999. Hand auger borings HA-1 through HA-3 completed by GZA in July 2005.
2. OVA= organic vapor analyzer, OVM=organic vapor meter, DRO=diesel range organic, PCB=polychlorinated biphenyls, Arochlor 1248.
3. PCB (Field) refers to analyses for PCBs in accordance with U.S. EPA Method 9078 using the Dexsil L2000 PCB/Chloride Analyzer.
4. PCB (8080) refers to analyses completed by gas chromatography in accordance with U.S. EPA Method 8080 or 8082.
5. Field screening was completed by GZA using a Thermo Environmental Instruments Model 580B Organic Vapor Meter ("OVM") equipped with an 11.8 electron volt lamp. Results are reported in instrument units.
6. "<" indicates that OVA, OVM, PCB, or DRO was not detected at a concentration greater than the detection limit indicated. VOC concentrations are reported in Table 4.
7. PCB analyses of samples collected from borings GP-101 through GP-144 were completed by Dexsil Corporation of Hamden, Connecticut. Other samples were analyzed by U.S. Filter/Enviroscan of Rothschild, Wisconsin. OVA and OVM concentrations are reported in instrument units.
8. PCB and DRO results are reported in milligrams per kilogram or parts per million.
9. "ND" for Sample Observations indicates that visual staining or incidental odors were not detected.
10. Bold font indicates a Wisconsin Administrative Code (WAC) Chapter NR 720 residual contaminant level (RCL) exceedance.

TABLE E-2
MONITORING WELL AND GROUNDWATER ELEVATION INFORMATION
Former Speed Queen
Omro, Wisconsin

Well Number	Total Depth	Screen Length	Date Installed	Top of PVC Casing Elevation	Ground Surface Elevation	Water Depth from Top of Casing				Water Level Elevation			
						4-Jan-99	12-Jan-99	14-Jan-99	26-Feb-99	4-Jan-99	12-Jan-99	14-Jan-99	26-Feb-99
MW-101	19.0	10.0	28-Dec-98	98.51	98.9	5.73	6.04	5.90	4.77	92.78	92.47	92.61	93.74
MW-102	19.0	10.0	28-Dec-98	97.90	98.6	6.39	6.94	6.60	6.73	91.51	90.96	91.30	91.17
MW-103	25.0	15.0	28-Dec-98	98.25	98.6	6.18	6.32	6.36	4.31	92.07	91.93	91.89	93.94
MW-104	24.0	15.0	28-Dec-98	98.77	99.1	7.89	7.41	7.05	6.26	90.88	91.36	91.72	92.51

Notes:
1. Water depths were measured in feet by GZA GeoEnvironmental, Inc. using an electronic water level indicator from top of PVC well casing.
2. Elevations are referenced to a local relative site datum set at 100.00 feet.



LEGEND

- GROUNDWATER MONITORING WELLS
- SHALLOW SOIL BORING COMPLETED BY GZA USING HAND TOOLS
- GEOPROBE BORING COMPLETED BY EDER
- GEOPROBE BORING COMPLETED BY GZA
- ELECTRICAL PEDESTAL
- POWER POLE
- FENCE
- WATER LINE
- OVERHEAD ELECTRIC LINE
- PROPERTY LINE
- SANITARY LINE
- GAS LINE
- 91.50 EQUIPOTENTIAL LINE (DASHED WHEN INFERRED)
- GROUNDWATER FLOW LINE

NOTES:

(1) SITE PLAN DEVELOPED FROM PLANS PREPARED BY EXCEL ENGINEERING, INC. OF CAMBELLSPORT, WISCONSIN IN APRIL, 1995.

(2) EXISTING UTILITIES SHOWN ARE INDICATED IN ACCORDANCE WITH AVAILABLE RECORDS AND FIELD MEASUREMENTS BY EXCEL ENGINEERING.

(3) SOIL BORINGS GP-1 THROUGH GP-10 WERE COMPLETED BY EDER ASSOCIATES OF MADISON, WISCONSIN ON NOVEMBER 14, 1995.

(4) SOIL BORINGS GP-101 THROUGH GP-144 WERE COMPLETED BY GZA GEOENVIRONMENTAL, INC. NOVEMBER 4-9, 1996.

(5) MONITORING WELLS MW-101 THROUGH MW-104 WERE INSTALLED BY WISCONSIN SOIL TESTING OF BUTLER, WISCONSIN, AND OBSERVED BY GZA GEOENVIRONMENTAL ON DECEMBER 28,1998.

(6) SOIL BORINGS GP-201 THROUGH GP-246 WERE COMPLETED BY GZA GEOENVIRONMENTAL JANUARY 5-11, 1999.

(7) THE LOCATIONS OF SOIL BORINGS AND MONITORING WELLS WERE APPROXIMATELY DETERMINED BY TAPE MEASUREMENTS FROM EXISTING TOPOGRAPHIC FEATURES. THIS DATA SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.

(8) GROUNDWATER FLOW DIRECTION BASED ON GROUNDWATER ELEVATIONS AS MEASURED IN MONITORING WELLS ON FEBRUARY 26,1999.

DESIGNED BY:
REVIEWED BY:
DRAWN BY: CJM

GZA GeoEnvironmental, Inc.
20900 Swenson Drive • Waukesha, Wisconsin • 53186
Phone (262) 754-2560 • Fax (262) 754-9711 • www.gza.com

SCALE IN FEET
0 20 40
(APPROXIMATE)

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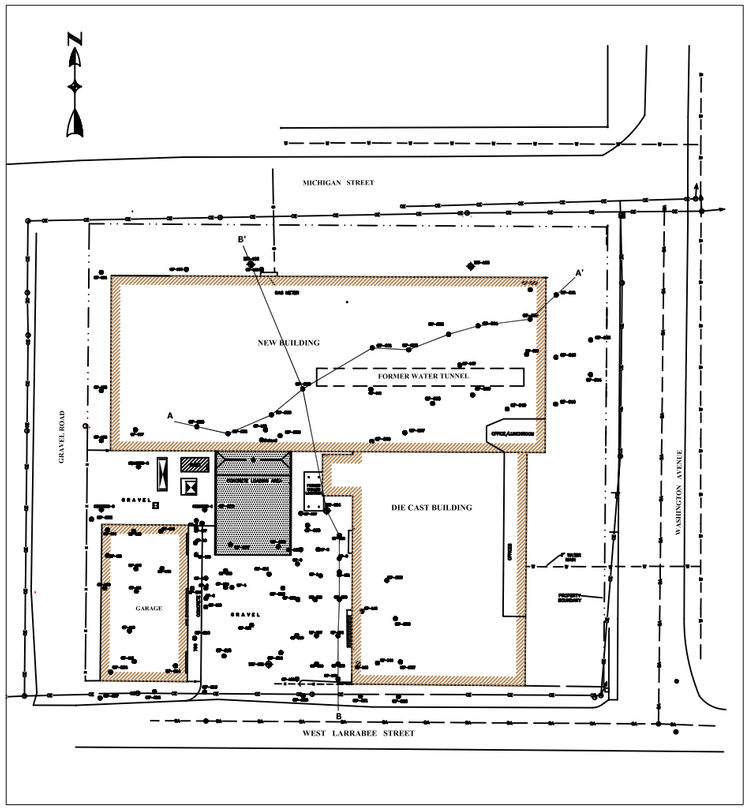
GROUNDWATER FLOW MAP

FORMER SPEED QUEEN
OMRO, WISCONSIN

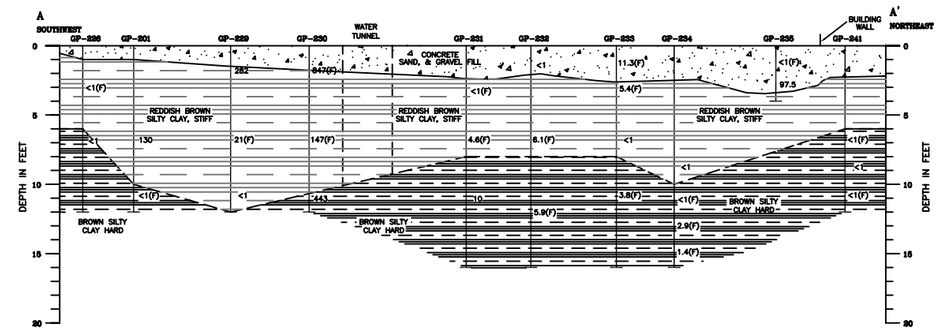
FILE NO.
150342.10

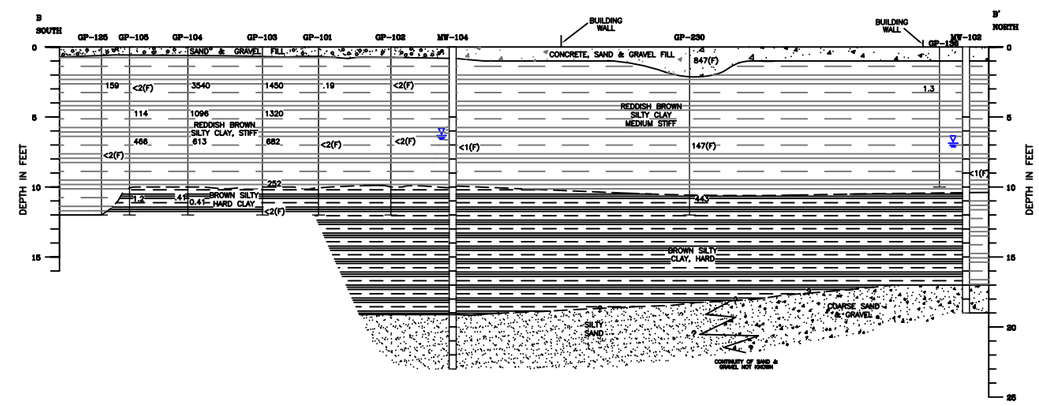
FIGURE NO.
6

GZA Drawing Name: J:\30070399\150342\GIS\Figure 6 - GW Flow Map.dwg Last Modified: Mar 20, 2007 - 4:02pm Plotted on: Mar 20, 2007 - 4:02pm by Chris.Mocek



SITE PLAN WITH LINES OF GEOLOGIC CROSS SECTION
1"=40'





LEGEND

MW-102	MONITORING WELL
GP-234	SOIL BORING
▽	GROUNDWATER TABLE (MEASURED IN MONITORING WELLS ON FEBRUARY 26, 1999)
682	LABORATORY PCB RESULT (US EPA METHOD 8080) (IN MILLIGRAMS PER KILOGRAM)
(F)	FIELD SCREENING RESULT (DEXSIL L2000–US EPA METHOD 9078) (IN MILLIGRAMS PER KILOGRAM)

NOTES:

1. ELEVATION DATA IS BASED ON RELATIVE SITE DATUM. THE GROUND SURFACE AT THE SITE IS RELATIVELY FLAT, WITHIN ABOUT 0.5 FOOT, SO DEPTHS ARE CONSIDERED TO BE FROM THE SAME ELEVATION.
2. THE STRATIFICATION LINES ARE BASED ON DATA FROM WIDELY SPACED BORINGS AND REPRESENT APPROXIMATE BOUNDARIES. ACTUAL TRANSITIONS MAY VARY.
3. MAGNIFICATION OF VERTICAL SCALE CAUSES TRENDS IN SOIL STRATA TO APPEAR MORE PRONOUNCED THAN THAT WHICH ACTUALLY EXIST. VERTICAL EXAGGERATION IS 4X.

DESIGNED BY:
REVIEWED BY:
DRAWN BY: RPK
DATE: 7/11/01

GZA
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Phone (262) 754-2560 • Fax (262) 754-9711 • www.gza.com

SCALE IN FEET
HORIZONTAL 0 20 40
VERTICAL 0 5 10

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GEOLOGIC CROSS SECTIONS A-A' AND B-B'

FORMER SPEED QUEEN OMRO, WISCONSIN

FILE NO.
150342.10

FIGURE NO.
5

Raytheon Company
Office of the General Counsel
870 Winter Street
Waltham, MA 02451 USA
Tel 781-522-3060
Fax 781-522-6465

Raytheon

March 23, 2007

Wisconsin Department of Natural Resources
625 East County Road Y
Suite 700
Oshkosh, WI 54901
Attn: Ms. Kathleen M. Sylvester

RE: Confirmation of Property Description
431 Michigan Avenue, Omro, WI

Dear Ms. Sylvester:

Please be advise that to the best of my actual knowledge, without independent investigation, the property description in the Quit Claim Deed from Raytheon Commercial Laundry LLC (Grantor) to Raytheon Holding LLC (Grantee), Document 0998795, dated January 21, 1998 and filed with the Winnebago County Registrar's Office on February 25, 1998, is a complete and accurate legal description of the property commonly known as 431 Michigan Avenue, Omro, WI currently owned by Raytheon Holding LLC.

Very truly yours,

Steven M. Black, Esq.
Real Estate Counsel

Cc: Robert Luhrs
Christopher Macek