# GIS REGISTRY INFORMATION

| | | | | | | |
|---|---|---|---|---|---|---|
| **SITE NAME:** | City Wide Insulation | | | | | |
| **BRRTS #:** | 03-13-215719 | | | **FID #** (if appropriate): | | |
| **COMMERCE #** (if appropriate): | 53558-9444-13 | | | | | |
| **CLOSURE DATE:** | January 04, 2006 | | | | | |
| **STREET ADDRESS:** | 4313 Triangle Street | | | | | |
| **CITY:** | McFarland | | | | | |
| **SOURCE PROPERTY GPS COORDINATES** (meters in WTM91 projection): | **X =** | 577135 | | **Y =** | 284906 | |
| **CONTAMINATED MEDIA:** | Groundwater | | Soil | | Both | X |
| **OFF-SOURCE GW CONTAMINATION >ES:** | | **Yes** | | **No** | X | |
| • **IF YES, STREET ADDRESS:** | | | | | | |
| • **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** | | | **No** | X | |

## DOCUMENTS NEEDED

| | |
|---|---|
| **Closure Letter, and any conditional closure letter issued or denial 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** | X |
| **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 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** | 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 |
| **Copy of (soil or land use) deed restriction (s) or deed notice if any required as a condition of closure** | na |
| **Copy of any maintenance plan referenced in the deed restriction** | na |

commerce.wi.gov
Wisconsin
Department of Commerce

ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
P.O. Box 8044
Madison, Wisconsin 53708-8044
TDD #: (608) 264-8777
Fax #: (608) 267-1381
**Jim Doyle, Governor**
**Mary P. Burke, Secretary**

January 4, 2006

Jean Murphy
City Wide Insulation
4313 Triangle Street
McFarland, WI 53558

RE: **Final Closure**

**Commerce # 53558-9444-13** WDNR BRRTS # 03-13-215719
City Wide Insulation, 4313 Triangle Street, McFarland

Dear Ms. Murphy:

The Wisconsin Department of Commerce (Commerce) has received all items required as conditions for closure of the site referenced above. This case is now listed as "closed" on the Commerce database and will be included on the Wisconsin Department of Natural Resources (WDNR) Geographic Information System (GIS) Registry of Closed Remediation Sites to address residual contamination. It is in your best interest to keep all documentation related to the environmental activities that were conducted.

If residual contamination is encountered in the future, it must be managed in accordance with all applicable state and federal regulations. If it is determined that any remaining contamination poses a threat, the case may be reopened and further investigation or remediation may be required.

Thank you for your efforts to bring this case to closure. If you have any questions, please contact me in writing at the letterhead address or by telephone at (608) 261-6543.

Sincerely,

Ralph N. Smith

Ralph N. Smith
Hydrogeologist
Site Review Section

cc: Jason Powell - METCO
Case File

commerce.wi.gov
Wisconsin
Department of Commerce

ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
P.O. Box 8044
Madison, Wisconsin 53708-8044
TDD #: (608) 264-8777
Fax #: (608) 267-1381
**Jim Doyle, Governor**
**Mary P. Burke, Secretary**

October 5, 2005

Jean Murphy
City Wide Insulation
4313 Triangle Street
McFarland, WI 53558

RE: **Conditional Case Closure**

**Commerce # 53558-9444-13** WDNR BRRTS # 03-13-215719
City Wide Insulation, 4313 Triangle Street, McFarland

Dear Ms. Murphy:

The Wisconsin Department of Commerce (Commerce) has reviewed the request for case closure prepared by your consultant, METCO, for the site referenced above. It is understood that residual soil and groundwater contamination remains on-site. Commerce has determined that this site does not pose a significant threat to the environment and human health. No further investigation or remedial action is necessary.

**The following conditions must be satisfied to obtain final closure:**

- All five monitoring wells and the piezometer must be properly abandoned. The appropriate documentation must be forwarded to the letterhead address.

This letter serves as your written notice of "no further action". Timely filing of your final PECFA claim (if applicable) is encouraged. If your claim is not received within 120 days of the date of this letter, interest costs incurred after 60 days of the date of this letter will not be eligible for PECFA reimbursement.

Thank you for your efforts to protect Wisconsin's environment. If you have any questions, please contact me in writing at the letterhead address or by telephone at (608) 261-6543.

Sincerely,

Ralph N. Smith

Ralph N. Smith
Hydrogeologist
Site Review Section

cc: Jason Powell -- METCO
Case File

# City Wide Insulation Property

Property Address: 4313 Triangle Street, Mc Farland, WI 53558

Property Owner: Jean Murphy

Dane County Parcel ID No.: 49-0710-273-9910-7

Geographical Position (WTM91 projection): 577135, 284906

Soil and Groundwater Contamination

UNOFFICIAL COPY

DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
3519795

07/26/2002 03:38:42PM

Trans. Fee: 750.00
Exempt #:

Rec. Fee: 13.00
Pages: 2

001715

Recording Area

Name and Return Address
Brian & Jackie Murphy
1319 Farwell
Madison, WI 53704

Document Number

STATE BAR OF WISCONSIN FORM 3-2000
**QUIT CLAIM DEED**

**This Deed,** made between the Murphy Family Revocable Living Trust Grantor,

and Brian M. Murphy & Jackie L. Murphy, as survivorship property Grantee.

Grantor quit claims to Grantee the following described real estate in Dane County, State of Wisconsin (if more space is needed, please attach addendum):

See Attached Addendum

Together with all appurtenant rights, title and interests.

49-0710-273-9910-7
Parcel Identification Number (PIN)
This is not homestead property.
(is) (is not)

Dated this 29 day of May, 2002

* *

* *

**AUTHENTICATION**

Signature(s) _____

authenticated this _____ day of _____, _____

*

TITLE: MEMBER STATE BAR OF WISCONSIN
(If not, _____
authorized by § 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY
DONALD J. MURPHY

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

**ACKNOWLEDGMENT**

STATE OF WISCONSIN )
) ss.
Dane County )

Personally came before me this 29th day of May, 2002 the above named _____

to me known to be the person ____ who executed the foregoing instrument and acknowledged the same.

*
Notary Public, State of Wisconsin
My Commission is permanent. (If not, state expiration date: November 28 2004

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

QUIT CLAIM DEED STATE BAR OF WISCONSIN FORM No. 3-2000

227/2481 #18715

2/3

UNOFFICIAL COPY

**ACCOUNT #22712481 NOTE #18715**

001716

LEGAL DESCRIPTION:

PART OF THE SOUTHWEST ¼ OF THE SOUTHWEST ¼ OF SECTION 27, TOWNSHIP 7 NORTH, RANGE 10 EAST, IN THE VILLAGE OF MCFARLAND, DANE COUNTY, WISCONSIN, WHICH IS MORE FULLY DESCRIBED AS FOLLOWS: COMMENCING AT THE NORTHEAST CORNER OF SAID SOUTHWEST ¼ OF THE SOUTHWEST ¼; THENCE S01°50' WEST ALONG THE EAST LINE OF SAID QUARTER-QUARTER, 701.55 FEET TO THE POINT OF BEGINNING OF THIS DESCRIPTION; THENCE CONTINUE S01°50' WEST ALONG SAID EAST LINE OF SAID QUARTER-QUARTER, 135.1 FEET; THENCE N89°27' WEST, 645.1 FEET TO THE EAST LINE OF U.S. HIGHWAY 51; THENCE NORTHERLY ALONG SAID EAST LINE OF HIGHWAY, 135.1 FEET; THENCE S89°27' EAST, 645.15 FEET TO THE POINT OF BEGINNING.

UNOFFICIAL COPY

DANE COUNTY
REGISTER OF DEEDS
DOCUMENT # 3700876
04/29/2003 02:52:05PM
Trans. Fee:
Exempt #:
Rec. Fee: 17.00
Pages: 4

003952

THIS SPACE RESERVED FOR RECORDING DATA

RETURN TO:
B Murphy
1319 Farwell
Madison, WI 53704

0710 273 9910 7
Parcel identification number

**AFFIDAVIT OF CORRECTION**

*(This document is to be used to correct typographical/clerical errors in a previously recorded document. It MAY NOT be used to convey property and/or to add parties not stated in the document this affidavit is intended to correct.)*

**TYPE OR PRINT CLEARLY IN BLACK OR RED INK**

AFFIANT, Thomas C Eckerle, hereby swears or affirms that a certain document which was titled as follows: Quit Claim Deed (type of document), recorded on the 26 day of July, 2002 (year) as document number 3519795 and was recorded in Dane County, State of Wisconsin, contained an error in the following:

- [X] Legal Description
- [ ] Grantor
- [ ] Grantee
- [ ] Other (Please explain; attach addendum if necessary)

The information to be corrected should read as follows: (attach addendum if necessary)

See Attachment

**(A copy of the first page of the original document, legal description and pages containing the portion(s) of the original document to be corrected MUST be attached.)**

Dated: 4/28/03

Signed: Thomas C Eckerle
* Thomas C Eckerle

Subscribed and sworn before me this 28 day of April, 2003.

John J Heim
Notary Public, Dane County, Wis.
My commission is permanent

AFFIANT is the (check one):

- [ ] Drafter of the document being corrected
- [ ] Owner of the property described in the document being corrected.
- [X] Other - explain: Title Co Rep

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

This instrument is drafted by: T C Eckerle

1/17

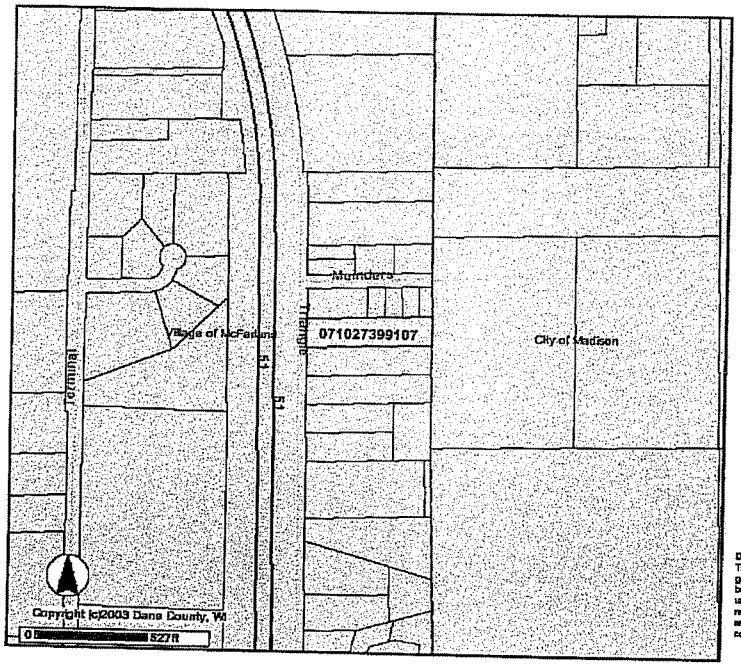
UNOFFICIAL COPY

003953

*Part of the Southeast 1/4 of the Southwest 1/4 of Section 27, Township 7 North, Range 10 East, Village of McFarland, which is more fully described as follows:*

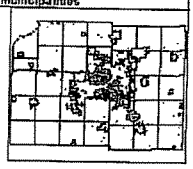
*Commencing at the Northeast corner of said Southeast 1/4 of Southwest 1/4; thence South 1 degree 50 minutes West along the East line of said quarter-quarter, 701.53 feet to the point of beginning of this description; thence continue South 1 degree 50 minutes West along said East line of quarter-quarter, 135.1 feet; thence North 89 degrees 27 minutes West, 645.1 feet to the East line of U.S. Highway #51; thence Northerly along said East line of Highway, 135.1 feet; thence South 89 degrees 27 minutes East, 645.15 feet to the point of beginning.*

## Dane County DCiMap




Print Close

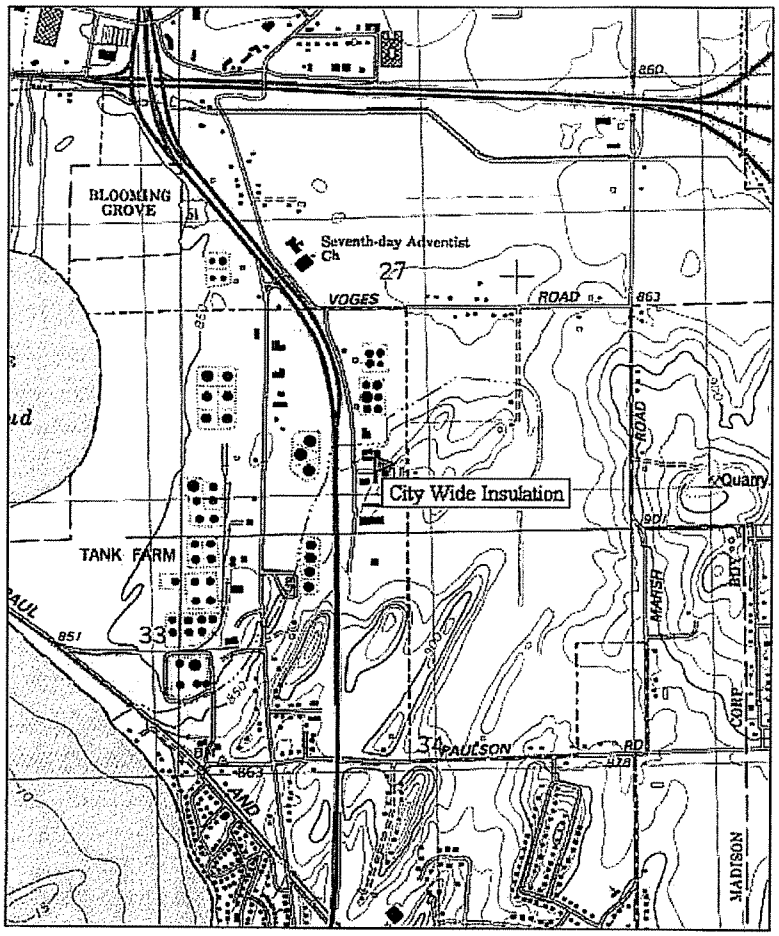
- 2000 Roads
- Local Roads
- County Highways
- State Highways
- Interstate
- US Highways
- On/Off Ramps
- Parcels
- Ownership Boundaries
- 1995 Hydrology (lines)
- Municipality Boundaries
- 1995 Hydrology (polygons)
- Open Water
- Municipalities



DCiMap

**DISCLAIMER**
This map was prepared using the Dane County DCiMap online geographic information system. All information is believed accurate but is NOT guaranteed to be without error. This map and its underlying data is intended to be used as a general index to land related information and is not intended for detailed, site-specific analysis. Dane County GIS datasets used to produce this map are copyrighted.

TOPOI map printed on 02/24/05 from "Wisconsin.tpo" and "Untitled.tpg"




TN MN 2°

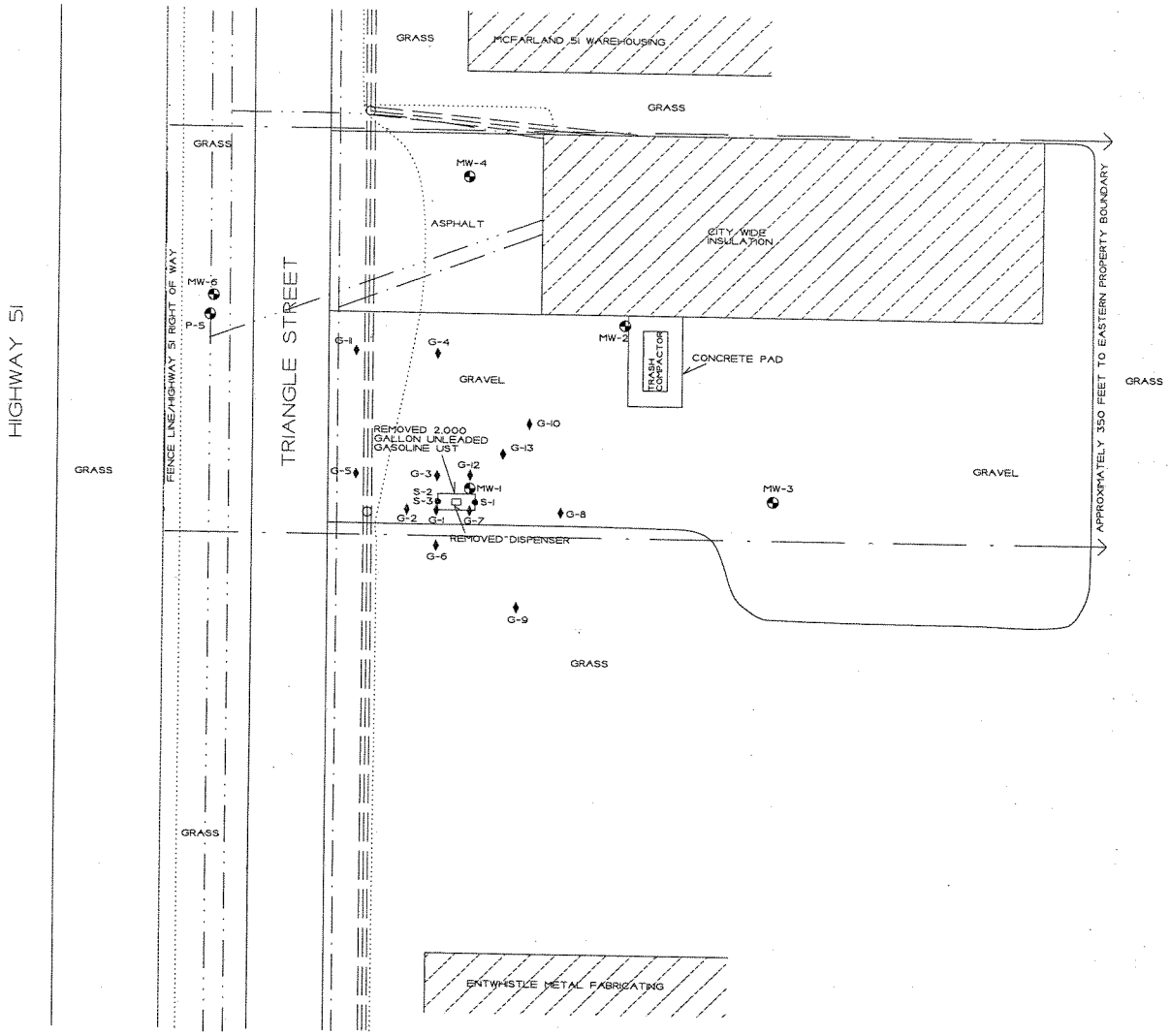
0 .5 1 MILE

0 1000 FEET 0 500 1000 METERS

Printed from TOPOI ©2001 National Geographic Holdings (www.topo.com)

| |
|---|
| SITE LOCATION MAP |
| CITY WIDE INSULATION – MCFARLAND, WI |
| MCFARLAND QUADRANGLE – 7.5 MINUTE SERIES |

**METCO**
Environmental Consulting, Fuel System Design, Installation and Service
2956 Airport Road – La Crosse, WI 54603 608-781-8879




# SITE LAYOUT MAP

## CITY WIDE INSULATION

VETCO
2856 AIRPORT ROAD
LA CROSSE, WI 54603
608/ 78-8893 FAX

MCFARLAND, WISCONSIN

DRAWN BY : ED

DATE: 10/17/03

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER.

SITE ASSESSMENT SAMPLE RESULTS IN PPM (10/15/98)

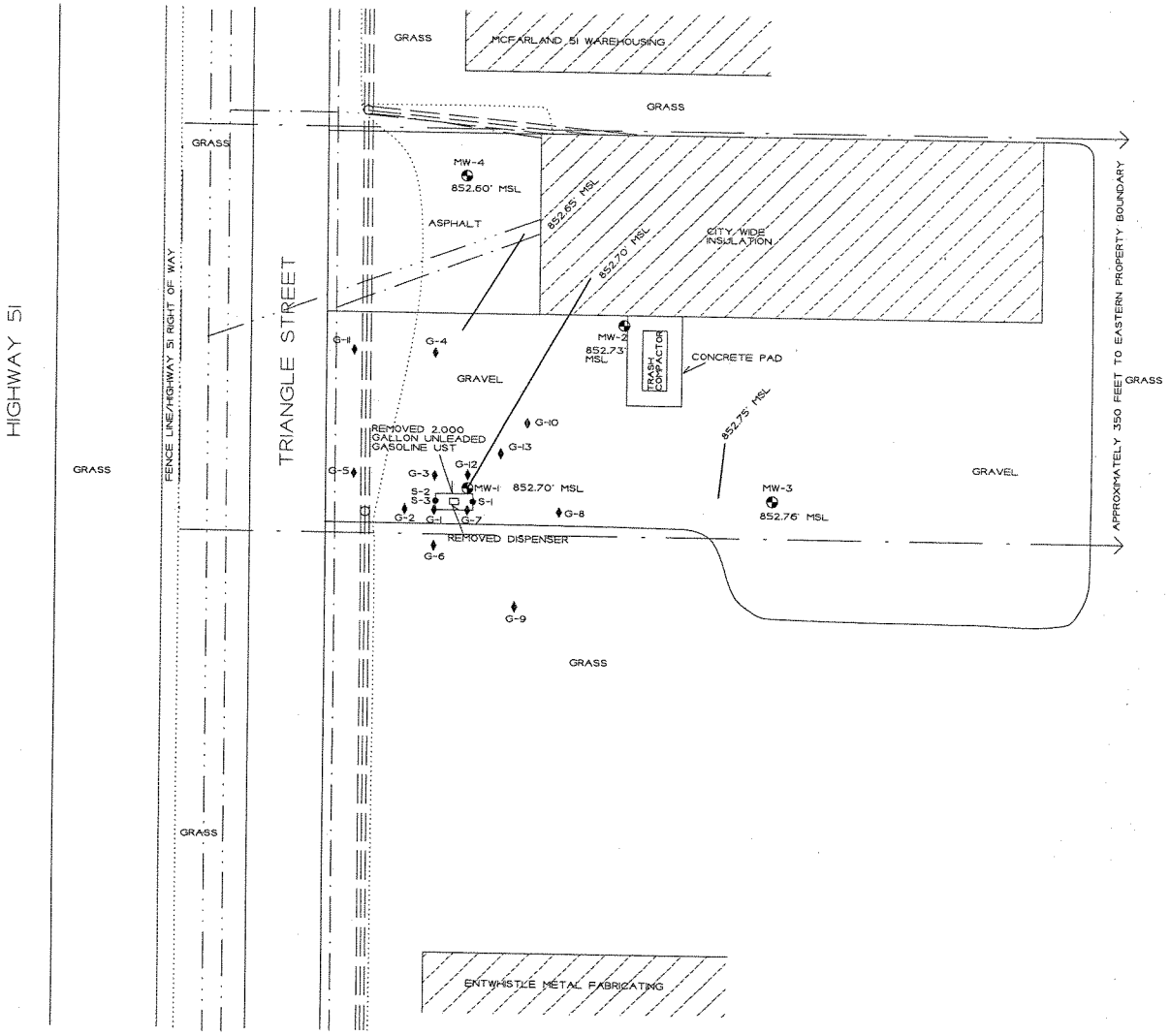
S-1 (9 FEET) - 6,310 GRO, 32.1 BENZENE, 90.5 ETHYLBENZENE, 317 TOLUENE, 327 1,2,4-TMB, 94 1,3,5-TMB, AND 699 XYLENES

S-2 (9 FEET): PID - 15, NO LAB SAMPLES

S-3 (11 FEET): PID - 400, NO LAB SAMPLES

SCALE:
1 INCH = 40 FEET
0 20 40

- SITE ASSESSMENT SAMPLE LOCATION
- GEOPROBE BORING LOCATION
- MONITORING WELL LOCATION
- OVERHEAD UTILITIES
- PHONE/FIBER OPTIC LINE
- NATURAL GAS LINE
- WATER LINE
- SEWER LINE
- PROPERTY BOUNDARY




GROUNDWATER FLOW MAP
3/25/04

CITY WIDE INSULATION

MCFARLAND, WISCONSIN

DRAWN BY : ED

DATE: 10/17/03

METCO 2956 AIRPORT ROAD LA CROSSE, WI 54603 608/ 78-5870 608/ 78-5893 FAX

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER.

SITE ASSESSMENT SAMPLE RESULTS IN PPM (10/5/98)

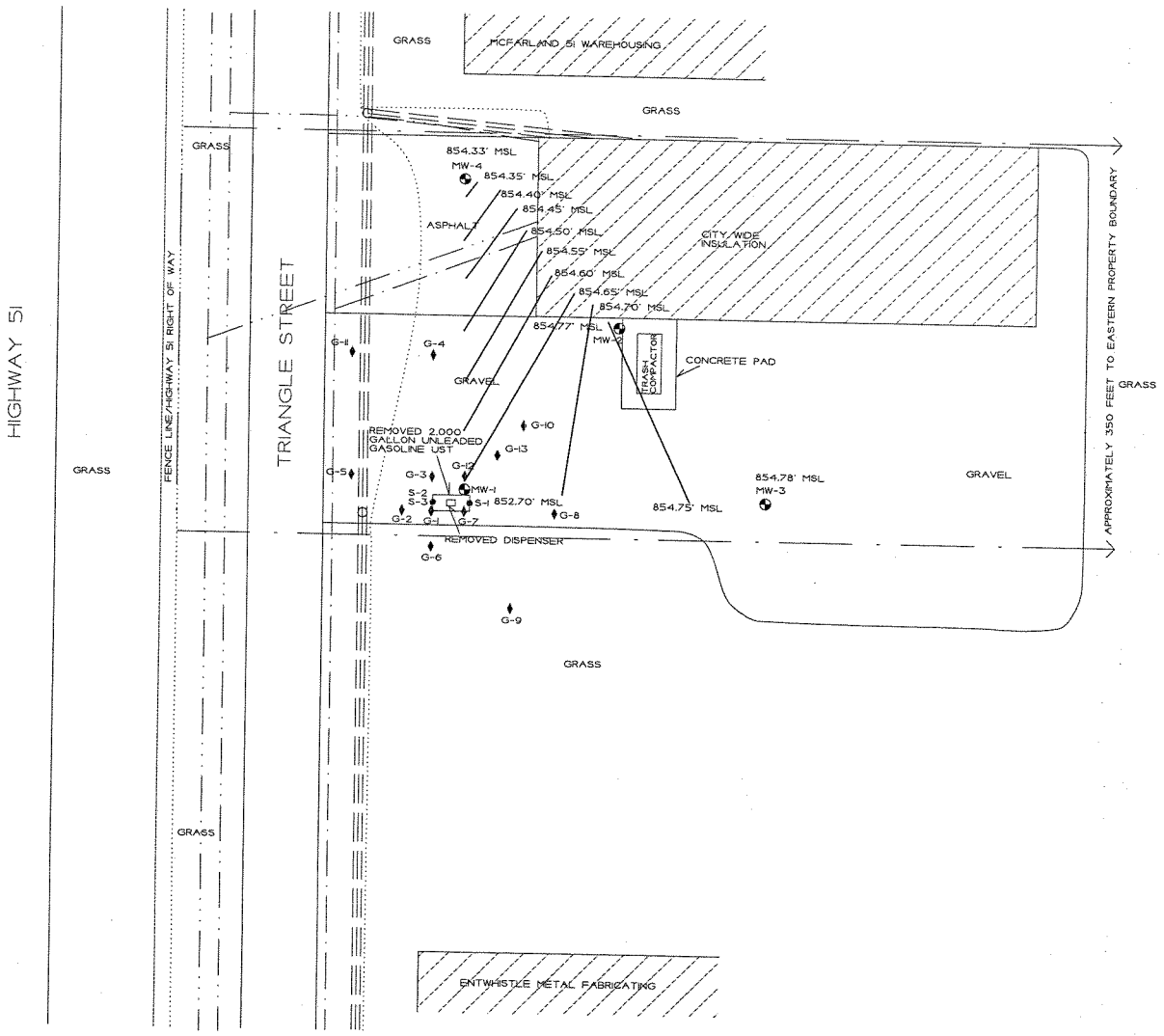
S-1 (9 FEET) - 6,310 GRO, 32.1 BENZENE, 90.5 ETHYLBENZENE, 317 TOLUENE, 327 1,2,4-TMB, 94 1,3,5-TMB, AND 699 XYLENES

S-2 (9 FEET): PID - 15, NO LAB SAMPLES

S-3 (8 FEET): PID - 400, NO LAB SAMPLES

SCALE:
1 INCH - 40 FEET
0 20 40

- SITE ASSESSMENT SAMPLE LOCATION
- GEOPROBE BORING LOCATION
- MONITORING WELL LOCATION
- OVERHEAD UTILITIES
- PHONE/FIBER OPTIC LINE
- NATURAL GAS LINE
- WATER LINE
- SEWER LINE
- PROPERTY BOUNDARY




# GROUNDWATER FLOW MAP
6/29/04

## CITY WIDE INSULATION

MCFARLAND, WISCONSIN

METCO 2905 AIRPORT ROAD LA CROSSE, WI 54603 608/ 78-8279 608/ 78-8893 FAX

DRAWN BY : ED

DATE: 10/17/03

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER.

SITE ASSESSMENT SAMPLE RESULTS IN PPM (10/15/98)

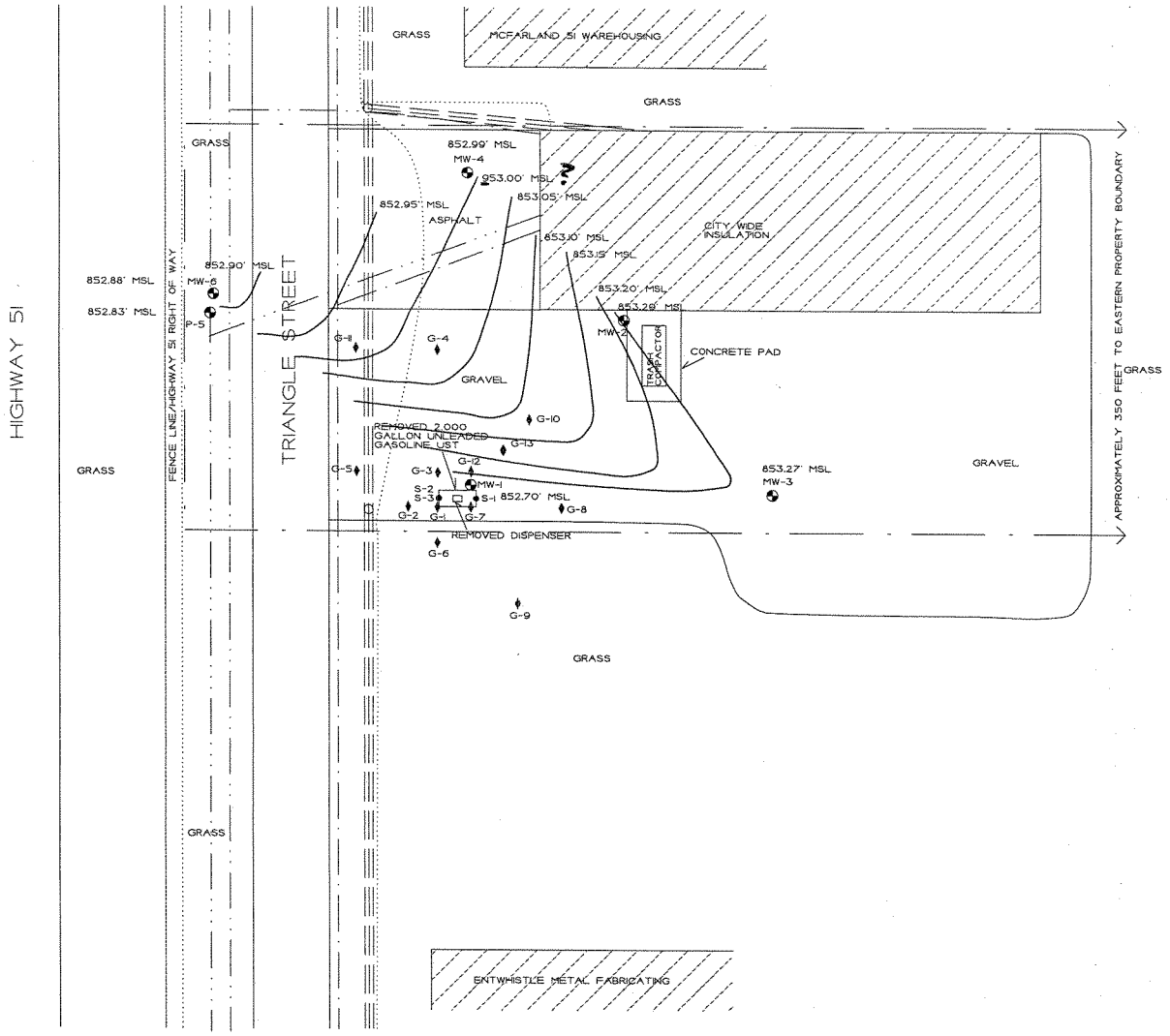
S-1 (9 FEET) - 6,310 GRO, 32.1 BENZENE, 90.5 ETHYLBENZENE, 317 TOLUENE, 32.7 1,2,4-TMB, 94 1,3,5-TMB, AND 699 XYLENES

S-2 (9 FEET): PID - 15, NO LAB SAMPLES

S-3 (11 FEET): PID - 400, NO LAB SAMPLES

SCALE:
1 INCH = 40 FEET
0 20 40

- SITE ASSESSMENT SAMPLE LOCATION
- GEOPROBE BORING LOCATION
- MONITORING WELL LOCATION
- OVERHEAD UTILITIES
- PHONE/FIBER OPTIC LINE
- NATURAL GAS LINE
- WATER LINE
- SEWER LINE
- PROPERTY BOUNDARY




# GROUNDWATER FLOW MAP 9/29/04

## CITY WIDE INSULATION

METCO
3556 ASPHALT ROAD
LA CROSSE, WI 54603
608/ 78-6870
608/ 78-6893 FAX

MCFARLAND, WISCONSIN

DRAWN BY : ED

DATE: 10/17/03

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER.

SITE ASSESSMENT SAMPLE RESULTS IN PPM (10/15/98)

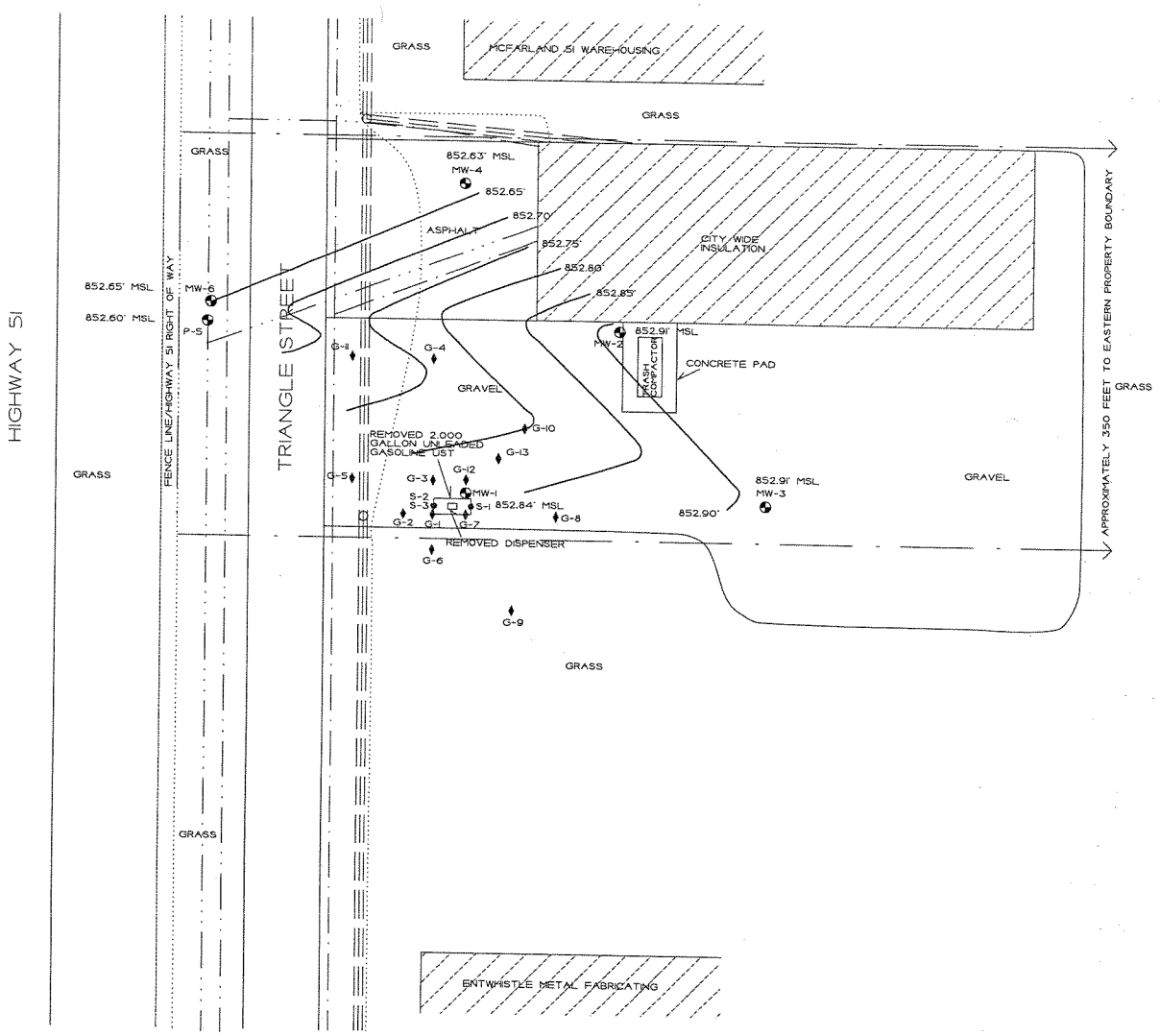
S-1 (9 FEET) - 6,310 GRO, 32.1 BENZENE, 90.5 ETHYLBENZENE, 37 TOLUENE, 327 1,2,4-TMB, 94 1,3,5-TMB, AND 699 XYLENES

S-2 (9 FEET): PID - 15, NO LAB SAMPLES

S-3 (9 FEET): PID - 400, NO LAB SAMPLES

SCALE:
1 INCH - 40 FEET
0 20 40

- SITE ASSESSMENT SAMPLE LOCATION
- GEOPROBE BORING LOCATION
- MONITORING WELL LOCATION
- OVERHEAD UTILITIES
- PHONE/FIBER OPTIC LINE
- NATURAL GAS LINE
- WATER LINE
- SEWER LINE
- PROPERTY BOUNDARY




| GROUNDWATER FLOW MAP 1/20/05 | |
|---|---|
| CITY WIDE INSULATION | |
| METCO 2956 AIRPORT ROAD LA CROSSE, WI 54603 608/ 781-5575 608/ 781-5593 FAX | MCFARLAND, WISCONSIN |
| | DRAWN BY : ED |
| | DATE: 10/17/03 |

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER.

SITE ASSESSMENT SAMPLE RESULTS IN PPM (10/15/98)

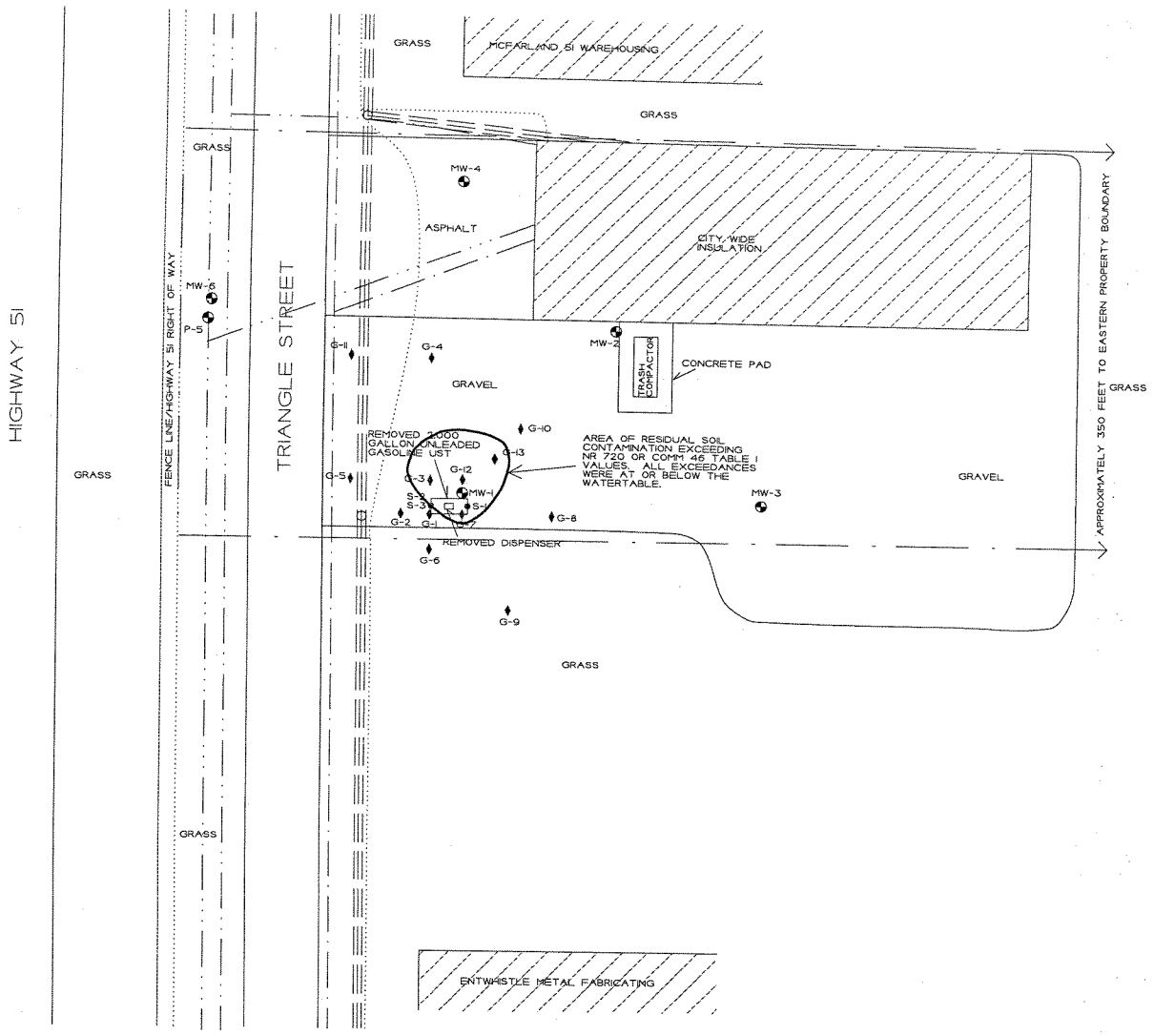
S-1 (9 FEET) - 6,310 GRO, 321 BENZENE, 90.5 ETHYLBENZENE, 317 TOLUENE, 327 1,2,4-TMB, 94 1,3,5-TMB, AND 699 XYLENES

S-2 (9 FEET): PID - 15, NO LAB SAMPLES

S-3 (11 FEET): PID - 400, NO LAB SAMPLES

SCALE:
1 INCH = 40 FEET
0 20 40

- SITE ASSESSMENT SAMPLE LOCATION
- GEOPROBE BORING LOCATION
- MONITORING WELL LOCATION
- OVERHEAD UTILITIES
- PHONE/FIBER OPTIC LINE
- NATURAL GAS LINE
- WATER LINE
- SEWER LINE
- PROPERTY BOUNDARY




# RESIDUAL SOIL CONTAMINATION MAP

## CITY WIDE INSULATION

METCO
2956 AIRPORT ROAD
LA CROSSE, WI 54603
608/ 781-6572
608/ 781-8893 FAX

MCFARLAND, WISCONSIN

DRAWN BY : ED

DATE: 10/17/03

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER.

SITE ASSESSMENT SAMPLE RESULTS IN PPM (10/15/98)

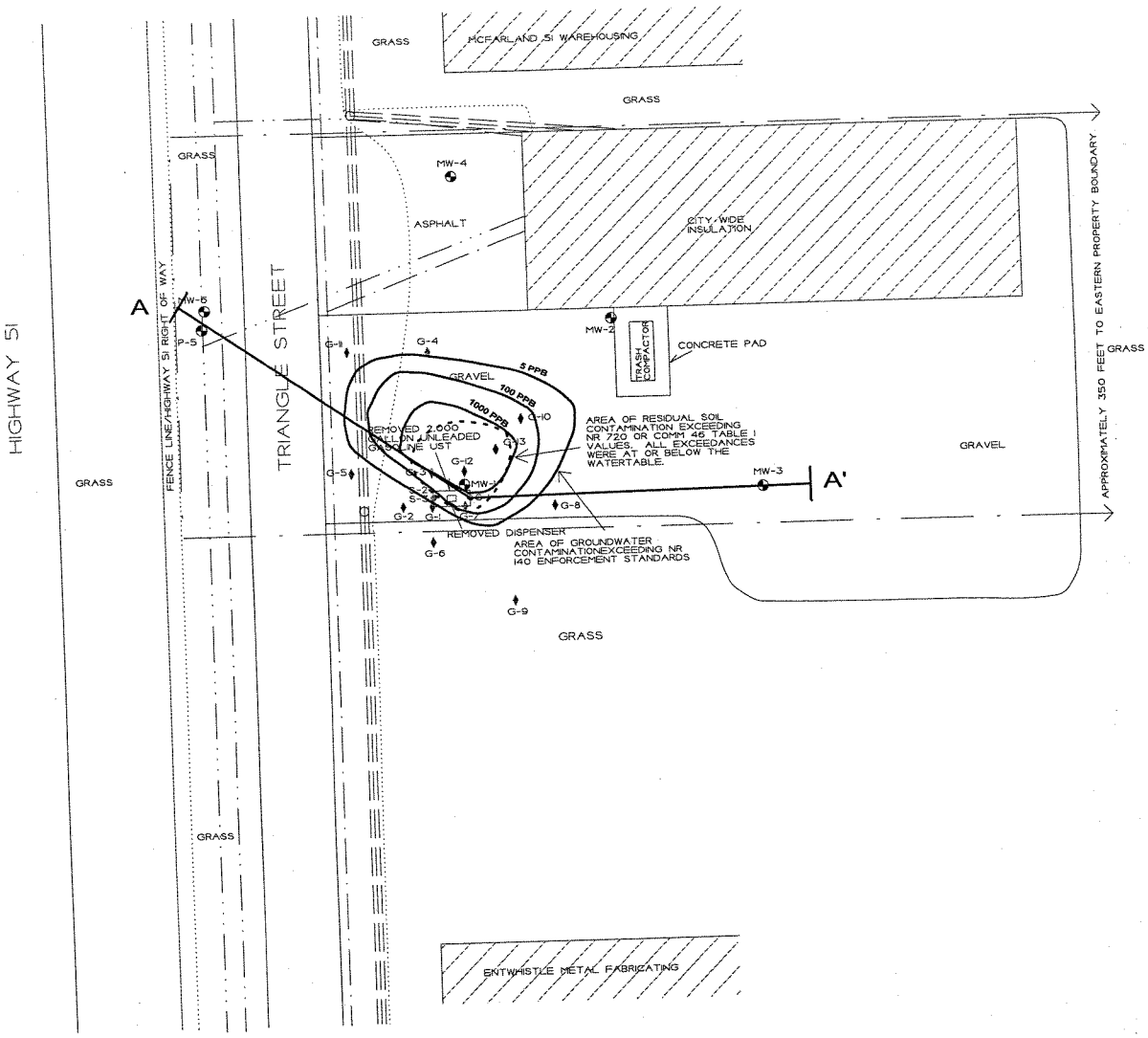
S-1 (9 FEET) - 6,310 GRO, 321 BENZENE, 90.5 ETHYLBENZENE, 317 TOLUENE, 327 1,2,4-TMB, 94 1,3,5-TMB, AND 699 XYLENES

S-2 (9 FEET): PID = 15, NO LAB SAMPLES

S-3 (8 FEET): PID = 400, NO LAB SAMPLES

SCALE:
1 INCH = 40 FEET
0 20 40

- ● - SITE ASSESSMENT SAMPLE LOCATION
- ♦ - GEOPROBE BORING LOCATION
- - MONITORING WELL LOCATION
- - OVERHEAD UTILITIES
- - PHONE/FIBER OPTIC LINE
- - NATURAL GAS LINE
- - WATER LINE
- - SEWER LINE
- - PROPERTY BOUNDARY




# CROSS SECTION MAP

## CITY WIDE INSULATION

METCO
2956 AIRPORT ROAD
P.O. DROWER 34 S-4603
608/ 78-9879
608/ 78-6803 FAX

MCFARLAND, WISCONSIN

DRAWN BY : ED

DATE: 10/17/03

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER.

SITE ASSESSMENT SAMPLE RESULTS IN PPM (10/15/98)

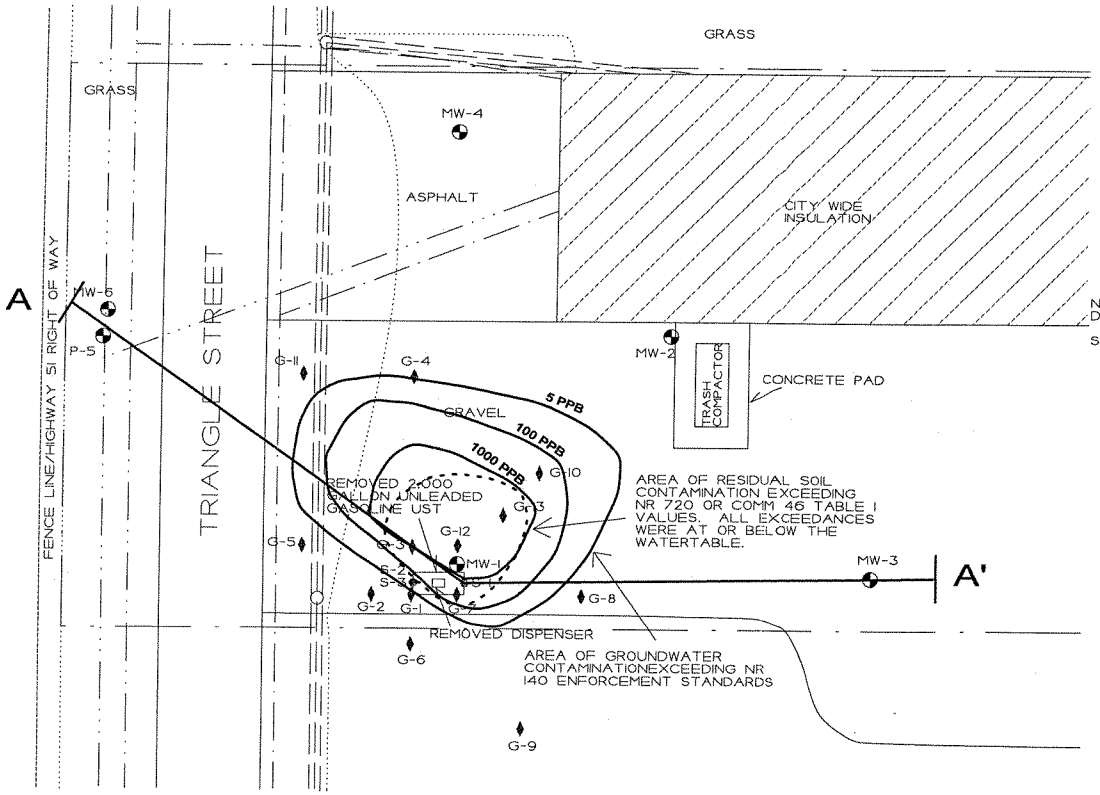
S-1 (9 FEET) - 6,310 GRO, 32.1 BENZENE, 90.5 ETHYLBENZENE, 317 TOLUENE, 327 1,2,4-TMB, 94 1,3,5-TMB, AND 699 XYLENES

S-2 (9 FEET): PID - 15, NO LAB SAMPLES

S-3 (8 FEET): PID - 400, NO LAB SAMPLES

SCALE:
1 INCH - 40 FEET
0 20 40

- SITE ASSESSMENT SAMPLE LOCATION
- GEOPROBE BORING LOCATION
- MONITORING WELL LOCATION
- OVERHEAD UTILITIES
- PHONE/FIBER OPTIC LINE
- NATURAL GAS LINE
- WATER LINE
- SEWER LINE
- PROPERTY BOUNDARY




# CROSS SECTION MAP CLOSE UP

## CITY WIDE INSULATION

METCO
2308 AIRPORT ROAD
LA CROSSE, WI 54603
608/ 78-8813
608/ 78-8893 FAX

MCFARLAND, WISCONSIN

DRAWN BY : ED

DATE: 10/17/03

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER.

SITE ASSESSMENT SAMPLE RESULTS IN PPM (10/15/98)

S-1 (9 FEET) - 6,310 GRO, 32.1 BENZENE, 90.5 ETHYLBENZENE, 317 TOLUENE, 327 1,2,4-TMB, 94 1,3,5-TMB, AND 699 XYLENES

S-2 (9 FEET): PID - 15, NO LAB SAMPLES

S-3 (11 FEET): PID - 400, NO LAB SAMPLES

● - SITE ASSESSMENT SAMPLE LOCATION

♦ - GEOPROBE BORING LOCATION

◐ - MONITORING WELL LOCATION

- OVERHEAD UTILITIES
- PHONE/FIBER OPTIC LINE
- NATURAL GAS LINE
- WATER LINE
- SEWER LINE
- PROPERTY BOUNDARY

SCALE:
1 INCH = 30 FEET
0 15 30

# CROSS SECTION

## CITY WIDE INSULATION

METCO
2956 AIRPORT ROAD
LA CROSSE, WI 54603
608/ 781-6879
608/ 781-6893 FAX

PO BOX 448
ENTERPRISE DRIVE
HILLSBORO, WI 54634
608/ 489-2068
608/ 489-2389

MCFARLAND, WISCONSIN

DRAWN BY: PC
DATE: 2-21-05
JOB NO.: C1016

HORIZONTAL SCALE: 1 INCH = 30 FEET
VERTICAL SCALE: 1 INCH = 5 FEET

INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER.

SOIL SAMPLE RESULTS ARE PRESENTED IN PARTS PER MILLION (PPM).

GROUNDWATER SAMPLE RESULTS ARE PRESENTED IN PARTS PER BILLION (PPB).

GROUNDWATER FLOW IS GENERALLY TOWARD THE NORTHWEST.

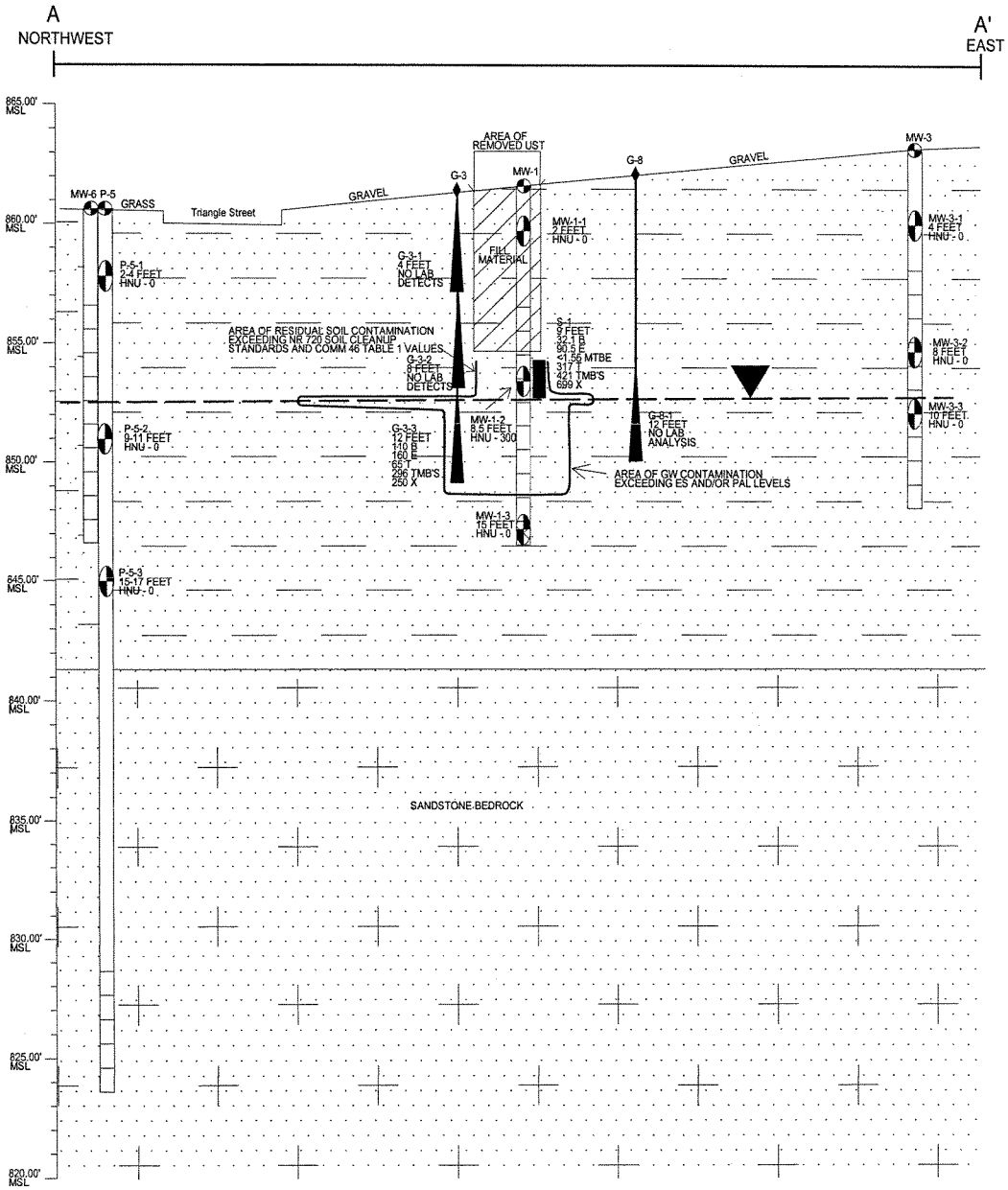
NOTE: SOIL AND GROUNDWATER SAMPLE DATA IS BASED ON LABORATORY RESULTS FROM SAMPLES COLLECTED DURING THE FOLLOWING EVENTS:
UST SITE ASSESSMENT PROJECT (10/15/98)
GEOPROBE PROJECT (1/12/04)
DRILLING PROJECTS (3/8/04 AND 8/23/04)
ROUND 4 GROUNDWATER SAMPLING (1/20/05)

B - BENZENE
E - ETHYLBENZENE
MTBE - METHYL TERT-BUTYL ETHER
T - TOLUENE
TMB - TRIMETHYLBENZENE
X - XYLENE
NAPH - NAPHTHALENE

- GEOPROBE BOREHOLE LOCATION
- MONITORING WELL LOCATION
- GEOPROBE SOIL SAMPLE LOCATION
- SITE ASSESSMENT SOIL SAMPLE LOCATION
- SPLIT SPOON SOIL SAMPLE LOCATION
- WATERTABLE

BROWN TO TAN TO GRAY, VERY FINE TO COARSE GRAINED SAND WITH SILT TO SILTY CLAY INCLUSIONS.

WHITE FINE TO COARSE GRAINED SANDSTONE BEDROCK




| MW-6 | P-5 | G-3-W | MW-1 | G-8-W | MW-3 |
|---|---|---|---|---|---|
| ROUND 4 | ROUND 4 | 650 B | ROUND 4 | <0.5 B | ROUND 4 |
| <0.29 B | <0.29 B | 675 E | 2550 B | 0.65 E | <0.29 B |
| <0.56 E | <0.56 E | <17 MTBE | 1650 E | <0.69 MTBE | <0.56 E |
| <0.2 MTBE | <0.2 MTBE | 490 T | < 100 MTBE | <0.54 T | <0.2 MTBE |
| <0.60 NAPH | <0.60 NAPH | 1010 TMB'S | 340 NAPH | <1.37 TMB'S | <0.60 NAPH |
| <0.57 T | <0.57 T | 1300 X | 17600 T | <2.6 X | <0.57 T |
| <1.17 TMB'S | <1.17 TMB'S | | 2475 TMB'S | | <1.17 TMB'S |
| <1.74 X | <1.74 X | | 11110 X | | <1.74 X |

**GROUNDWATER SAMPLING DATA TABLE FOR CITY WIDE INSULATION LUST INVESTIGATION BY METCO**

**WELL SAMPLING CONDUCTED ON MARCH 25, 2004**

**ROUND 1**

| Well Name | MW-1 | MW-2 | MW-3 | MW-4 | (MW-1) DUP | TRIP BLANK |
|---|---|---|---|---|---|---|
| Sampling Round | 1 | 1 | 1 | 1 | 1 | 1 |
| Ground Level Elevation in Feet (MSL) | 861.92 | 863.39 | 863.36 | 862.52 | == | == |
| PVC Casing Elevation in Feet (MSL) | 861.22 | 863.14 | 862.94 | 862.16 | == | == |
| Watertable Elevation in Feet (MSL) | 852.70 | 852.73 | 852.76 | 852.60 | == | == |
| Depth to Groundwater in Feet | 8.52 | 10.41 | 10.18 | 9.56 | == | == |
| Amount Purged in Gallons | 3.5 | 3 | 3 | 3.5 | == | == |
| Time to Purge in Minutes | 10 | 10 | 10 | 10 | == | == |
| Purged Dry? | NO | NO | NO | NO | == | == |
| Color | TAN | TAN | TAN | TAN | == | == |
| Petroleum Odors | YES | NO | NO | NO | == | == |
| Petroleum Sheens | NO | NO | NO | NO | == | == |
| Turbidity (high, medium, low, clear) | MEDIUM | MEDIUM | HIGH | HIGH | == | == |
| DO (mg/l) | 0.84 | 5.85 | 5.48 | 6.54 | ns | ns |
| pH | 6.60 | 7.20 | 7.30 | 6.88 | ns | ns |
| ORP | 40 | 188 | 167 | 165 | ns | ns |
| Temp ( C) | 6.2 | 8.7 | 7.3 | 8.7 | ns | ns |
| Gasoline Range Organics/ppb | **59000** | < 100 | < 100 | < 100 | **65000** | ns |
| Nitrite Plus Nitrate, Dissolved/ppm | **6** | **1** | **5.5** | **23** | ns | ns |
| Sulfate, Dissolved/ppm | **48** | **12** | **25** | **26** | ns | ns |
| Iron, Dissolved/ppm | **0.012** | < 0.03 | < 0.03 | < 0.03 | ns | ns |
| Benzene/ppb | **3650** | < 0.29 | **0.31 "J"** | < 0.29 | **3830** | < 0.29 |
| Bromobenzene/ppb | < 195 | < 0.39 | < 0.39 | < 0.39 | < 195 | < 0.39 |
| Bromodichloromethane/ppb | < 100 | < 0.2 | < 0.2 | < 0.2 | < 100 | < 0.2 |
| Bromoform/ppb | < 215 | < 0.43 | < 0.43 | < 0.43 | < 215 | < 0.43 |
| tert-Butylbenzene/ppb | < 155 | < 0.31 | < 0.31 | < 0.31 | < 155 | < 0.31 |
| sec-Butylbenzene/ppb | < 105 | < 0.21 | < 0.21 | < 0.21 | < 105 | < 0.21 |
| n-Butylbenzene/ppb | < 195 | < 0.39 | < 0.39 | < 0.39 | < 195 | < 0.39 |
| Carbon Tetrachloride/ppb | < 80 | < 0.16 | < 0.16 | < 0.16 | < 80 | < 0.16 |
| Chlorobenzene/ppb | < 110 | < 0.22 | < 0.22 | < 0.22 | < 110 | < 0.22 |
| Chloroethane/ppb | < 190 | < 0.38 | < 0.38 | < 0.38 | < 190 | < 0.38 |
| Chloroform/ppb | < 125 | < 0.25 | < 0.25 | < 0.25 | < 125 | < 0.25 |
| Chloromethane/ppb | < 300 | < 0.6 | < 0.6 | < 0.6 | < 300 | < 0.6 |
| 2-Chlorotoluene/ppb | < 150 | < 0.3 | < 0.3 | < 0.3 | < 150 | < 0.3 |
| 4-Chlorotoluene/ppb | < 195 | < 0.39 | < 0.39 | < 0.39 | < 195 | < 0.39 |
| 1,2-Dibromo-3-chloropropane/ppb | < 495 | < 0.99 | < 0.99 | < 0.99 | < 495 | < 0.99 |
| Dibromochloromethane/ppb | < 170 | < 0.34 | < 0.34 | < 0.34 | < 170 | < 0.34 |
| 1,4-Dichlorobenzene/ppb | < 315 | < 0.63 | < 0.63 | < 0.63 | < 315 | < 0.63 |
| 1,3-Dichlorobenzene/ppb | < 170 | < 0.34 | < 0.34 | < 0.34 | < 170 | < 0.34 |
| 1,2-Dichlorobenzene/ppb | < 260 | < 0.52 | < 0.52 | < 0.52 | < 260 | < 0.52 |
| Dichlorodifluoromethane/ppb | < 80 | < 0.16 | < 0.16 | < 0.16 | < 80 | < 0.16 |
| 1,2-Dichloroethane/ppb | < 145 | < 0.29 | < 0.29 | < 0.29 | < 145 | < 0.29 |
| 1,1-Dichloroethane/ppb | < 150 | < 0.3 | < 0.3 | < 0.3 | < 150 | < 0.3 |
| 1,1-Dichloroethene/ppb | < 195 | < 0.39 | < 0.39 | < 0.39 | < 195 | < 0.39 |
| cis-1,2-Dichloroethene/ppb | < 145 | < 0.29 | < 0.29 | < 0.29 | < 145 | < 0.29 |
| trans-1,2-Dichloroethene/ppb | < 110 | < 0.22 | < 0.22 | < 0.22 | < 110 | < 0.22 |
| 1,2-Dichloropropane/ppb | < 175 | < 0.35 | < 0.35 | < 0.35 | < 175 | < 0.35 |
| 2,2-Dichloropropane/ppb | < 255 | < 0.51 | < 0.51 | < 0.51 | < 255 | < 0.51 |
| 1,3-Dichloropropane/ppb | < 140 | < 0.28 | < 0.28 | < 0.28 | < 140 | < 0.28 |
| Di-isopropyl ether/ppb | < 135 | < 0.27 | < 0.27 | < 0.27 | < 135 | < 0.27 |
| EDB (1,2-Dibromoethane)/ppb | < 135 | < 0.27 | < 0.27 | < 0.27 | < 135 | < 0.27 |
| Ethylbenzene/ppb | **2220** | < 0.56 | < 0.56 | < 0.56 | **2360** | < 0.56 |
| Hexachlorobutadiene/ppb | < 310 | < 0.62 | < 0.62 | < 0.62 | < 310 | < 0.62 |
| Isopropylbenzene/ppb | < 95 | < 0.19 | < 0.19 | < 0.19 | < 95 | < 0.19 |
| p-Isopropyltoluene/ppb | < 150 | < 0.3 | < 0.3 | < 0.3 | < 150 | < 0.3 |
| Methylene chloride/ppb | < 350 | < 0.7 | < 0.7 | < 0.7 | < 350 | < 0.7 |
| Methyl tert-butyl ether (MTBE)/ppb | < 100 | < 0.2 | < 0.2 | < 0.2 | < 100 | < 0.2 |
| Naphthalene/ppb | **1150** | < 0.6 | < 0.6 | < 0.6 | **745 "J"** | < 0.6 |
| n-Propylbenzene/ppb | **225 "J"** | < 0.32 | < 0.32 | < 0.32 | **235 "J"** | < 0.32 |
| 1,1,2,2-Tetrachloroethane/ppb | < 110 | < 0.22 | < 0.22 | < 0.22 | < 110 | < 0.22 |
| 1,1,1,2-Tetrachloroethane/ppb | < 135 | < 0.27 | < 0.27 | < 0.27 | < 135 | < 0.27 |
| Tetrachloroethene/ppb | < 350 | < 0.7 | < 0.7 | < 0.7 | < 350 | < 0.7 |
| Toluene/ppb | **24900** | < 0.57 | < 0.57 | < 0.57 | **25800** | < 0.57 |
| 1,2,4-Trichlorobenzene/ppb | < 395 | < 0.79 | < 0.79 | < 0.79 | < 395 | < 0.79 |
| 1,2,3-Trichlorobenzene/ppb | < 250 | < 0.5 | < 0.5 | < 0.5 | < 250 | < 0.5 |
| 1,1,1-Trichloroethane/ppb | < 80 | < 0.16 | < 0.16 | < 0.16 | < 80 | < 0.16 |
| 1,1,2-Trichloroethane/ppb | < 125 | < 0.25 | < 0.25 | < 0.25 | < 125 | < 0.25 |
| Trichloroethene (TCE)/ppb | < 135 | < 0.27 | < 0.27 | < 0.27 | < 135 | < 0.27 |
| Trichlorofluoromethane/ppb | < 110 | < 0.22 | < 0.22 | < 0.22 | < 110 | < 0.22 |
| 1,2,4-Trimethylbenzene/ppb | **2330** | < 0.51 | < 0.51 | < 0.51 | **2540** | < 0.51 |
| 1,3,5-Trimethylbenzene/ppb | **610 "J"** | < 0.66 | < 0.66 | < 0.66 | **655 "J"** | < 0.66 |
| Vinyl Chloride/ppb | < 105 | < 0.21 | < 0.21 | < 0.21 | < 105 | < 0.21 |
| m&p-Xylene/ppb | **9640** | < 1.1 | < 1.1 | < 1.1 | **9860** | < 1.1 |
| o-Xylene/ppb | **4380** | < 0.64 | < 0.64 | < 0.64 | **4390** | < 0.64 |

**NOTE: Bold = detects** ns = not sampled
**"J" Flag: Analyte detected between LOD and LOQ**

**METCO**
Environmental Consulting, Fuel System Design, Installation and Service
2956 Airport Road -- La Crosse, WI 54603 608-781-8879

**GROUNDWATER SAMPLING DATA TABLE FOR CITY WIDE INSULATION LUST INVESTIGATION BY METCO**

**WELL SAMPLING CONDUCTED ON JUNE 29, 2004**

**ROUND 2**

| **Well Name** | **MW-1** | **MW-2** | **MW-3** | **MW-4** | **(MW-1) DUP** | **TRIP BLANK** |
|---|---|---|---|---|---|---|
| **Sampling Round** | 2 | 2 | 2 | 2 | 2 | 2 |
| **Ground Level Elevation in Feet (MSL)** | 861.92 | 863.39 | 863.36 | 862.52 | == | == |
| **PVC Casing Elevation in Feet (MSL)** | 861.22 | 863.14 | 862.94 | 862.16 | == | == |
| **Watertable Elevation in Feet (MSL)** | 854.66 | 854.77 | 854.78 | 854.33 | == | == |
| **Depth to Groundwater in Feet** | 6.56 | 8.37 | 8.16 | 7.83 | == | == |
| **Amount Purged in Gallons** | 4.5 | 4.25 | 4.5 | 4.5 | == | == |
| **Time to Purge in Minutes** | 10 | 10 | 10 | 10 | == | == |
| **Purged Dry?** | NO | NO | NO | NO | == | == |
| **Color** | TAN | TAN | TAN | TAN | == | == |
| **Petroleum Odors** | YES | NO | NO | NO | == | == |
| **Petroleum Sheens** | NO | NO | NO | NO | == | == |
| **Turbidity (high, medium, low, clear)** | HIGH | HIGH | HIGH | HIGH | == | == |
| | | | | | | |
| **DO (mg/l)** | 3.34 | 10.29 | 8.17 | 9.77 | ns | ns |
| **pH** | 6.62 | 6.74 | 6.78 | 6.66 | ns | ns |
| **ORP** | 29 | 40 | 77 | 50 | ns | ns |
| **Temp ( C)** | 12.5 | 11.8 | 12.1 | 13.0 | ns | ns |
| | | | | | | |
| **Benzene/ppb** | **950** | < 0.15 | < 0.15 | < 0.15 | **1000** | < 0.15 |
| **Ethylbenzene/ppb** | **540** | < 0.21 | < 0.21 | < 0.21 | **600** | < 0.21 |
| **Methyl tert-butyl ether (MTBE)/ppb** | < 70 | < 0.14 | < 0.14 | < 0.14 | < 70 | < 0.14 |
| **Naphthalene/ppb** | < 485 | < 0.97 | < 0.97 | < 0.97 | < 485 | < 0.97 |
| **Toluene/ppb** | **6700** | < 0.14 | < 0.14 | < 0.14 | **7000** | < 0.14 |
| **1,2,4-Trimethylbenzene/ppb** | **1000** | < 0.62 | < 0.62 | < 0.62 | **1200** | < 0.62 |
| **1,3,5-Trimethylbenzene/ppb** | < 305 | < 0.61 | < 0.61 | < 0.61 | < 305 | < 0.61 |
| **Xylene, o, m & p-/ppb** | **4700** | < 0.6 | < 0.6 | < 0.6 | **5100** | < 0.6 |

**NOTE: Bold = detects** ns = not sampled

GROUNDWATER SAMPLING DATA TABLE FOR CITY WIDE INSULATION LUST INVESTIGATION
BY METCO

WELL SAMPLING CONDUCTED ON SEPTEMBER 29, 2004

ROUND 3

| Well Name | MW-1 | MW-2 | MW-3 | MW-4 | P-5 | MW-6 | (MW-1) DUP | TRIP BLANK |
|---|---|---|---|---|---|---|---|---|
| Sampling Round | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Ground Level Elevation in Feet (MSL) | 861.92 | 863.39 | 863.36 | 862.52 | 860.56 | 860.65 | == | == |
| PVC Casing Elevation in Feet (MSL) | 861.22 | 863.17 | 862.94 | 862.16 | 860.24 | 860.37 | == | == |
| Watertable Elevation in Feet (MSL) | 853.27 | 853.29 | 853.27 | 852.99 | 852.83 | 852.88 | == | == |
| Depth to Groundwater in Feet | 7.95 | 9.88 | 9.67 | 9.17 | 7.41 | 7.49 | == | == |
| Amount Purged in Gallons | 3.75 | 3.25 | 3.25 | 3.75 | 22 | 4 | == | == |
| Time to Purge in Minutes | 10 | 10 | 10 | 10 | 40 | 10 | == | == |
| Purged Dry? | NO | NO | NO | NO | NO | NO | == | == |
| Color | TAN | TAN | TAN | TAN | TAN | TAN | == | == |
| Petroleum Odors | YES | NO | NO | NO | NO | NO | == | == |
| Petroleum Sheens | NO | NO | NO | NO | NO | NO | == | == |
| Turbidity (high, medium, low, clear) | MEDIUM | MEDIUM | MEDIUM | MEDIUM | LOW | HIGH | == | == |
| DO (mg/l) | 2.36 | 8.17 | 7.55 | 5.94 | 6.27 | 2.19 | ns | ns |
| ORP | 20 | 284 | 286 | 269 | 223 | 243 | ns | ns |
| Temp ( C) | 15.0 | 14.1 | 14.1 | 17.4 | 16.3 | 15.9 | ns | ns |
| Benzene/ppb | **4300** | < 0.29 | < 0.29 | < 0.29 | < 0.29 | < 0.29 | **4700** | < 0.29 |
| Bromobenzene/ppb | ns | ns | ns | ns | < 0.39 | < 0.39 | ns | < 0.39 |
| Bromodichloromethane/ppb | ns | ns | ns | ns | < 0.2 | < 0.2 | ns | < 0.2 |
| Bromoform/ppb | ns | ns | ns | ns | < 0.43 | < 0.43 | ns | < 0.43 |
| tert-Butylbenzene/ppb | ns | ns | ns | ns | < 0.31 | < 0.31 | ns | < 0.31 |
| sec-Butylbenzene/ppb | ns | ns | ns | ns | < 0.21 | < 0.21 | ns | < 0.21 |
| n-Butylbenzene/ppb | ns | ns | ns | ns | < 0.39 | < 0.39 | ns | < 0.39 |
| Carbon Tetrachloride/ppb | ns | ns | ns | ns | < 0.16 | < 0.16 | ns | < 0.16 |
| Chlorobenzene/ppb | ns | ns | ns | ns | < 0.22 | < 0.22 | ns | < 0.22 |
| Chloroethane/ppb | ns | ns | ns | ns | < 0.38 | < 0.38 | ns | < 0.38 |
| Chloroform/ppb | ns | ns | ns | ns | < 0.25 | < 0.25 | ns | < 0.25 |
| Chloromethane/ppb | ns | ns | ns | ns | < 0.6 | < 0.6 | ns | < 0.6 |
| 2-Chlorotoluene/ppb | ns | ns | ns | ns | < 0.3 | < 0.3 | ns | < 0.3 |
| 4-Chlorotoluene/ppb | ns | ns | ns | ns | < 0.39 | < 0.39 | ns | < 0.39 |
| 1,2-Dibromo-3-chloropropane/ppb | ns | ns | ns | ns | < 0.99 | < 0.99 | ns | < 0.99 |
| Dibromochloromethane/ppb | ns | ns | ns | ns | < 0.34 | < 0.34 | ns | < 0.34 |
| 1,4-Dichlorobenzene/ppb | ns | ns | ns | ns | < 0.63 | < 0.63 | ns | < 0.63 |
| 1,3-Dichlorobenzene/ppb | ns | ns | ns | ns | < 0.34 | < 0.34 | ns | < 0.34 |
| 1,2-Dichlorobenzene/ppb | ns | ns | ns | ns | < 0.52 | < 0.52 | ns | < 0.52 |
| Dichlorodifluoromethane/ppb | ns | ns | ns | ns | < 0.16 | < 0.16 | ns | < 0.16 |
| 1,2-Dichloroethane/ppb | ns | ns | ns | ns | < 0.29 | < 0.29 | ns | < 0.29 |
| 1,1-Dichloroethane/ppb | ns | ns | ns | ns | < 0.3 | < 0.3 | ns | < 0.3 |
| 1,1-Dichloroethene/ppb | ns | ns | ns | ns | < 0.39 | < 0.39 | ns | < 0.39 |
| cis-1,2-Dichloroethene/ppb | ns | ns | ns | ns | < 0.29 | < 0.29 | ns | < 0.29 |
| trans-1,2-Dichloroethene/ppb | ns | ns | ns | ns | < 0.22 | < 0.22 | ns | < 0.22 |
| 1,2-Dichloropropane/ppb | ns | ns | ns | ns | < 0.35 | < 0.35 | ns | < 0.35 |
| 2,2-Dichloropropane/ppb | ns | ns | ns | ns | < 0.51 | < 0.51 | ns | < 0.51 |
| 1,3-Dichloropropane/ppb | ns | ns | ns | ns | < 0.28 | < 0.28 | ns | < 0.28 |
| Di-isopropyl ether/ppb | ns | ns | ns | ns | < 0.27 | < 0.27 | ns | < 0.27 |
| EDB (1,2-Dibromoethane)/ppb | ns | ns | ns | ns | < 0.27 | < 0.27 | ns | < 0.27 |
| Ethylbenzene/ppb | **2000** | < 0.56 | < 0.56 | < 0.56 | < 0.56 | < 0.56 | **2200** | < 0.56 |
| Hexachlorobutadiene/ppb | ns | ns | ns | ns | < 0.62 | < 0.62 | ns | < 0.62 |
| Isopropylbenzene/ppb | ns | ns | ns | ns | < 0.19 | < 0.19 | ns | < 0.19 |
| p-Isopropyltoluene/ppb | ns | ns | ns | ns | < 0.3 | < 0.3 | ns | < 0.3 |
| Methylene chloride/ppb | ns | ns | ns | ns | < 0.7 | < 0.7 | ns | < 0.7 |
| Methyl tert-butyl ether (MTBE)/ppb | < 14 | < 0.2 | < 0.2 | < 0.2 | < 0.2 | < 0.2 | < 14 | < 0.2 |
| Naphthalene/ppb | **710** | <0.60 | <0.60 | <0.60 | < 0.6 | < 0.6 | **710** | < 0.6 |
| n-Propylbenzene/ppb | ns | ns | ns | ns | < 0.32 | < 0.32 | ns | < 0.32 |
| 1,1,2,2-Tetrachloroethane/ppb | ns | ns | ns | ns | < 0.22 | < 0.22 | ns | < 0.22 |
| 1,1,1,2-Tetrachloroethane/ppb | ns | ns | ns | ns | < 0.27 | < 0.27 | ns | < 0.27 |
| Tetrachloroethene/ppb | ns | ns | ns | ns | < 0.7 | < 0.7 | ns | < 0.7 |
| Toluene/ppb | **26000** | < 0.57 | < 0.57 | < 0.57 | < 0.57 | < 0.57 | **28000** | < 0.57 |
| 1,2,4-Trichlorobenzene/ppb | ns | ns | ns | ns | < 0.79 | < 0.79 | ns | < 0.79 |
| 1,2,3-Trichlorobenzene/ppb | ns | ns | ns | ns | < 0.5 | < 0.5 | ns | < 0.5 |
| 1,1,1-Trichloroethane/ppb | ns | ns | ns | ns | < 0.16 | < 0.16 | ns | < 0.16 |
| 1,1,2-Trichloroethane/ppb | ns | ns | ns | ns | < 0.25 | < 0.25 | ns | < 0.25 |
| Trichloroethene (TCE)/ppb | ns | ns | ns | ns | < 0.27 | < 0.27 | ns | < 0.27 |
| Trichlorofluoromethane/ppb | ns | ns | ns | ns | < 0.22 | < 0.22 | ns | < 0.22 |
| 1,2,4-Trimethylbenzene/ppb | **2400** | < 0.51 | < 0.51 | < 0.51 | < 0.51 | < 0.51 | **2500** | < 0.51 |
| 1,3,5-Trimethylbenzene/ppb | **620** | < 0.66 | < 0.66 | < 0.66 | < 0.66 | < 0.66 | **650** | < 0.66 |
| Vinyl Chloride/ppb | ns | ns | ns | ns | < 0.21 | < 0.21 | ns | < 0.21 |
| Xylene, o, m & p-/ppb | **13000** | < 1.74 | < 1.74 | < 1.74 | < 1.74 | < 1.74 | **14000** | < 1.74 |

**NOTE: Bold = detects** ns = not sampled
**"J" Flag: Analyte detected between LOD and LOQ**

**GROUNDWATER SAMPLING DATA TABLE FOR CITY WIDE INSULATION LUST INVESTIGATION BY METCO**

**WELL SAMPLING CONDUCTED ON JANUARY 20, 2005**

**ROUND 4**

| Well Name | MW-1 | MW-2 | MW-3 | MW-4 | P-5 | MW-6 | (MW-1) DUP | TRIP BLANK |
|---|---|---|---|---|---|---|---|---|
| Sampling Round | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| Ground Level Elevation in Feet (MSL) | 861.92 | 863.39 | 863.36 | 862.52 | 860.56 | 860.65 | == | == |
| PVC Casing Elevation in Feet (MSL) | 861.22 | 863.17 | 862.94 | 862.16 | 860.24 | 860.37 | == | == |
| Watertable Elevation in Feet (MSL) | 852.84 | 852.91 | 852.91 | 852.63 | 852.6 | 852.65 | == | == |
| Depth to Groundwater in Feet | 8.38 | 10.26 | 10.03 | 9.53 | 7.64 | 7.72 | == | == |
| Amount Purged in Gallons | 3.5 | 3 | 3.25 | 3.5 | 22 | 4.25 | == | == |
| Time to Purge in Minutes | 10 | 10 | 10 | 10 | 30 | 10 | == | == |
| Purged Dry? | NO | NO | NO | NO | NO | NO | == | == |
| Color | BROWN/ GRAY | TAN | TAN | TAN | CLEAR | TAN | == | == |
| Petroleum Odors | YES | NO | NO | NO | NO | NO | == | == |
| Petroleum Sheens | NO | NO | NO | NO | NO | NO | == | == |
| Turbidity (high, medium, low, clear) | MEDIUM | MEDIUM | MEDIUM | MEDIUM | CLEAR | MEDIUM | == | == |
| DO (mg/l) | 0.13 | 7.51 | 6.44 | 6.92 | 6.21 | 3.45 | ns | ns |
| pH | 7.61 | 6.91 | 7.22 | 6.95 | 7.21 | 7.34 | ns | ns |
| ORP (mv) | 24 | 293 | 313 | 296 | 213 | 247 | ns | ns |
| Temp (C) | 9.3 | 10.9 | 9.9 | 11.3 | 9.5 | 9.4 | ns | ns |
| Benzene/ppb | **2550** | < 0.29 | < 0.29 | < 0.29 | < 0.29 | < 0.29 | **2840** | < 0.29 |
| Ethylbenzene/ppb | **1650** | < 0.56 | < 0.56 | < 0.56 | < 0.56 | < 0.56 | **2030** | < 0.56 |
| Methyl tert-butyl ether (MTBE)/ppb | < 100 | < 0.2 | < 0.2 | < 0.2 | < 0.2 | < 0.2 | < 100 | < 0.2 |
| Naphthalene/ppb | **340 "J"** | < 0.6 | < 0.6 | < 0.6 | < 0.6 | < 0.6 | **440 "J"** | < 0.6 |
| Toluene/ppb | **17600** | < 0.57 | < 0.57 | < 0.57 | < 0.57 | < 0.57 | **21300** | < 0.57 |
| 1,2,4-Trimethylbenzene/ppb | **1930** | < 0.51 | < 0.51 | < 0.51 | < 0.51 | < 0.51 | **2700** | < 0.51 |
| 1,3,5-Trimethylbenzene/ppb | **545 "J"** | < 0.66 | < 0.66 | < 0.66 | < 0.66 | < 0.66 | **685 "J"** | < 0.66 |
| m&p-Xylene/ppb | **7890** | < 1.1 | < 1.1 | < 1.1 | < 1.1 | < 1.1 | **8660** | < 1.1 |
| o-Xylene/ppb | **3220** | < 0.64 | < 0.64 | < 0.64 | < 0.64 | < 0.64 | **3770** | < 0.64 |

**NOTE: Bold = detects** ns = not sampled
**"J" Flag: Analyte detected between LOD and LOQ**

## Groundwater Analytical Results Summary
## City Wide Insulation LUST Site

### Monitoring Well MW-1
**PVC Elevation =** 861.22 MSL

| | Date | Water Elevation (in feet) | Depth to Water (in feet) | Benzene (ppb) | Ethyl Benzene (ppb) | MTBE (ppb) | Naphthalene (ppb) | Toluene (ppb) | Trimethyl-benzenes (ppb) | Xylene (Total) (ppb) | GRO (ppb) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 8260 | 3/25/2004 | 852.70 | 8.52 | **3650** | **2220** | <100 | **1150** | **24900** | **2940** | **14020** | 59000 |
| 8021 | 6/29/2004 | 854.66 | 6.56 | **950** | *540* | <70 | <485 | **6700** | 1000-1305 | *4700* | - - - |
| 8021 | 9/29/2004 | 853.27 | 7.95 | **4300** | **2000** | <14 | **710** | **26000** | **3020** | **13000** | - - - |
| 8260 | 1/20/2005 | 852.84 | 8.38 | **2550** | **1650** | <100 | **340** | **17600** | **2475** | **11110** | - - - |

**Note:** Bold type indicates an ES exceedance, *italics* indicates a PAL exceedance.

### Monitoring Well MW-2
**PVC Elevation =** 863.17 MSL

| Date | Water Elevation (in feet) | Depth to Water (in feet) | Benzene (ppb) | Ethyl Benzene (ppb) | MTBE (ppb) | Naphthalene (ppb) | Toluene (ppb) | Trimethyl-benzenes (ppb) | Xylene (Total) (ppb) | GRO (ppb) |
|---|---|---|---|---|---|---|---|---|---|---|
| 3/25/2004 | 852.73 | 10.41 | <0.29 | <0.56 | <0.2 | <0.6 | <0.57 | <1.17 | <1.74 | <100 |
| 6/29/2004 | 854.77 | 8.37 | <0.15 | <0.21 | <0.14 | <0.97 | <0.14 | <1.23 | <0.6 | - - - |
| 9/29/2004 | 853.29 | 9.88 | <0.29 | <0.56 | <0.2 | <0.60 | <0.57 | <1.17 | <1.74 | - - - |
| 1/20/2005 | 852.91 | 10.26 | <0.29 | <0.56 | <0.2 | <0.60 | <0.57 | <1.17 | <1.74 | - - - |

**Note:** Bold type indicates an ES exceedance, *italics* indicates a PAL exceedance.

### Monitoring Well MW-3
**PVC Elevation =** 862.94 MSL

| Date | Water Elevation (in feet) | Depth to Water (in feet) | Benzene (ppb) | Ethyl Benzene (ppb) | MTBE (ppb) | Naphthalene (ppb) | Toluene (ppb) | Trimethyl-benzenes (ppb) | Xylene (Total) (ppb) | GRO (ppb) |
|---|---|---|---|---|---|---|---|---|---|---|
| 3/25/2004 | 852.76 | 10.18 | 0.31 | <0.56 | <0.2 | <0.6 | <0.57 | <1.17 | <1.74 | <100 |
| 6/29/2004 | 854.78 | 8.16 | <0.15 | <0.21 | <0.14 | <0.97 | <0.14 | <1.23 | <0.6 | - - - |
| 9/29/2004 | 853.27 | 9.67 | <0.29 | <0.56 | <0.2 | <0.60 | <0.57 | <1.17 | <1.74 | - - - |
| 1/20/2005 | 852.91 | 10.03 | <0.29 | <0.56 | <0.2 | <0.60 | <0.57 | <1.17 | <1.74 | - - - |

**Note:** Bold type indicates an ES exceedance, *italics* indicates a PAL exceedance.

**Groundwater Analytical Results Summary**
**City Wide Insulation LUST Site**

**Monitoring Well MW-4**
**PVC Elevation =** 862.16 MSL

| Date | Water Elevation (in feet) | Depth to Water (in feet) | Benzene (ppb) | Ethyl Benzene (ppb) | MTBE (ppb) | Naphthalene (ppb) | Toluene (ppb) | Trimethyl-benzenes (ppb) | Xylene (Total) (ppb) | GRO (ppb) |
|---|---|---|---|---|---|---|---|---|---|---|
| 3/25/2004 | 852.60 | 9.56 | <0.29 | <0.56 | <0.2 | <0.6 | <0.57 | <1.17 | <1.74 | <100 |
| 6/29/2004 | 854.33 | 7.83 | <0.15 | <0.21 | <0.14 | <0.97 | <0.14 | <1.23 | <0.6 | - - - |
| 9/29/2004 | 852.99 | 9.17 | <0.29 | <0.56 | <0.2 | <0.60 | <0.57 | <1.17 | <1.74 | - - - |
| 1/20/2005 | 852.63 | 9.53 | <0.29 | <0.56 | <0.2 | <0.60 | <0.57 | <1.17 | <1.74 | - - - |

**Note:** Bold type indicates an ES exceedance, *italics* indicates a PAL exceedance.

**Monitoring Well P-5**
**PVC Elevation =** 860.24 MSL

| Date | Water Elevation (in feet) | Depth to Water (in feet) | Benzene (ppb) | Ethyl Benzene (ppb) | MTBE (ppb) | Naphthalene (ppb) | Toluene (ppb) | Trimethyl-benzenes (ppb) | Xylene (Total) (ppb) | GRO (ppb) |
|---|---|---|---|---|---|---|---|---|---|---|
| 9/29/2004 | 852.83 | 7.41 | <0.29 | <0.56 | <0.2 | <0.6 | <0.57 | <1.17 | <1.74 | - - - |
| 1/20/2005 | 852.60 | 7.64 | <0.29 | <0.56 | <0.2 | <0.60 | <0.57 | <1.17 | <1.74 | - - - |

**Note:** Bold type indicates an ES exceedance, *italics* indicates a PAL exceedance.

**Monitoring Well MW-6**
**PVC Elevation =** 860.37 MSL

| Date | Water Elevation (in feet) | Depth to Water (in feet) | Benzene (ppb) | Ethyl Benzene (ppb) | MTBE (ppb) | Naphthalene (ppb) | Toluene (ppb) | Trimethyl-benzenes (ppb) | Xylene (Total) (ppb) | GRO (ppb) |
|---|---|---|---|---|---|---|---|---|---|---|
| 9/29/2004 | 852.88 | 7.49 | <0.29 | <0.56 | <0.2 | <0.6 | <0.57 | <1.17 | <1.74 | - - - |
| 1/20/2005 | 852.65 | 7.72 | <0.29 | <0.56 | <0.2 | <0.60 | <0.57 | <1.17 | <1.74 | - - - |

**Note:** Bold type indicates an ES exceedance, *italics* indicates a PAL exceedance.

# Groundwater Elevation Table
# City Wide Insulation
# McFarland, Wisconsin

| WELL ID | MW-1 | | MW-2 | | MW-3 | | MW-4 | | P-5 | | MW-6 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ground Surface | 861.62 | | 863.39 | | 863.36 | | 862.52 | | 860.56 | | 860.65 | |
| Top of Casing | 861.22 | | 863.14 / 863.17* | | 862.94 | | 862.16 | | 860.24 | | 860.37 | |
| Depth to Bottom | 14.5 | | 14.5 | | 15 | | 15 | | 37 | | 14.5 | |
| Top of Screen | 857.12 | | 858.89 | | 858.36 | | 857.52 | | 828.56 | | 856.15 | |
| Bottom of Screen | 847.12 | | 848.89 | | 848.36 | | 847.52 | | 823.56 | | 846.15 | |
| Date | Depth | Elevation | Depth | Elevation | Depth | Elevation | Depth | Elevation | Depth | Elevation | Depth | Elevation |
| 3/25/04 | 8.52 | 852.70 | 10.41 | 852.73 | 10.18 | 852.76 | 9.56 | 852.60 | Not Yet Installed | | Not Yet Installed | |
| 6/29/04 | 6.56 | 854.66 | 8.37 | 854.77 | 8.16 | 854.78 | 7.83 | 854.33 | Not Yet Installed | | Not Yet Installed | |
| 9/29/04 | 7.95 | 853.27 | 9.88 | 853.29 | 9.67 | 853.27 | 9.17 | 852.99 | 7.41 | 852.83 | 7.49 | 852.88 |
| 1/20/05 | 8.38 | 852.84 | 10.26 | 852.91 | 10.03 | 852.91 | 9.53 | 852.63 | 7.64 | 852.60 | 7.72 | 852.65 |

Notes: Elevation data is presented in feet mean sea level (msl).
All depths are reported in feet.
* Monitoring well MW-2 was resurveyed on September 29, 2004.

**GEOPROBE DATA TABLE FOR CITY WIDE INSULATION**
**BY METCO**

**SAMPLING CONDUCTED ON JANUARY 12, 2004**

| **SOIL SAMPLES** | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Sample Location Number** | **G-1-1** | **G-1-2** | **G-1-3** | **G-2-1** | **G-2-2** | **G-2-3** | **G-3-1** | **G-3-2** | **G-3-3** |
| **Sample Depth in Feet** | 4 | 8 | 12 | 4 | 8 | 12 | 4 | 8 | 12 |
| **Soil Type** | SAND | SAND | SITLY SAND | SANDY CLAY | SAND | SAND | SANDY CLAY | SAND | SILTY SAND |
| **Petroleum Odors** | NO | NO | NO | NO | NO | NO | NO | NO | YES |
| **Petroleum Staining** | NO | NO | NO | NO | NO | NO | NO | NO | YES |
| **Moisture** | MOIST | MOIST | MOIST/WET | MOIST | MOIST | MOIST/WET | MOIST | MOIST | MOIST/WET |
| **HNU in Units** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| **Gasoline Range Organics/ppm** | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| **Benzene/ppb** | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | **110** |
| **Bromobenzene/ppb** | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **Bromodichloromethane/ppb** | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **Bromoform/ppb** | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **tert-Butylbenzene/ppb** | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **n-Butylbenzene/ppb** | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **sec-Butylbenzene/ppb** | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **Carbon tetrachloride/ppb** | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **Chlorobenzene/ppb** | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **Chloroethane/ppb** | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **Chloroform/ppb** | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **Chloromethane/ppb** | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **2-Chlorotoluene/ppb** | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **4-Chlorotoluene/ppb** | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **1,2-Dibromo-3-chloropropane/ppb** | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **Dibromochloromethane/ppb** | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **1,4-Dichlorobenzene/ppb** | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **1,3-Dichlorobenzene/ppb** | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **1,2-Dichlorobenzene/ppb** | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **Dichlorodifluoromethane/ppb** | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **1,2-Dichloroethane/ppb** | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **1,1-Dichloroethane/ppb** | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **1,1-Dichloroethene/ppb** | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **cis-1,2-Dichloroethene/ppb** | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **trans-1,2-Dichloroethene/ppb** | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **1,2-Dichloropropane/ppb** | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **2,2-Dichloropropane/ppb** | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **1,3-Dichloropropane/ppb** | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **Diisopropyl ether/ppb** | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **EDB (1,2-Dibromoethane)/ppb** | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **Ethylbenzene/ppb** | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | **160** |
| **Hexachlorobutadiene/ppb** | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **Isopropylbenzene/ppb** | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **p-Isopropyltoluene/ppb** | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **Methylene chloride/ppb** | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **Methyl-tert-butyl ether/ppb** | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 |
| **Naphthalene/ppb** | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **n-Propylbenzene/ppb** | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **1,1,2,2-Tetrachloroethane/ppb** | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **1,1,1,2-Tetrachloroethane/ppb** | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **Tetrachloroethene/ppb** | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **Toluene/ppb** | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | **65** |
| **1,2,4-Trichlorobenzene/ppb** | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **1,2,3-Trichlorobenzene/ppb** | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **1,1,1-Trichloroethane/ppb** | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **1,1,2-Trichloroethane/ppb** | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **Trichloroethene/ppb** | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **Trichlorofluoromethane/ppb** | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **1,2,4-Trimethylbenzene/ppb** | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | **220** |
| **1,3,5-Trimethylbenzene/ppb** | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | **76** |
| **Vinyl chloride/ppb** | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **Xylene o,m & p/ppb** | <75 | <75 | <75 | <75 | <75 | <75 | <75 | <75 | **250** |

**NOTE:** ns = not sampled **Bold** = detects

GEOPROBE DATA TABLE FOR CITY WIDE INSULATION
BY METCO

SAMPLING CONDUCTED ON JANUARY 12, 2004

SOIL SAMPLES

| Sample Location Number | G-4-1 | G-5-1 | G-6-1 | G-6-2 | G-6-3 | G-7-1 | G-7-2 | G-7-3 | G-8-1 | G-9-1 |
|---|---|---|---|---|---|---|---|---|---|---|
| Sample Depth in Feet | 12 | 12 | 4 | 8 | 12 | 4 | 8 | 12 | 12 | 12 |
| Soil Type | SAND | SILTY SAND | SANDY CLAY | SAND | SAND | SAND | SAND | SAND | SAND | SAND |
| Petroleum Odors | NO | NO | NO | NO | NO | NO | NO | YES | NO | NO |
| Petroleum Staining | NO | NO | NO | NO | NO | NO | NO | YES | NO | NO |
| Moisture | MOIST/WET | MOIST/WET | MOIST | MOIST | MOIST/WET | MOIST | MOIST | MOIST/WET | MOIST/WET | MOIST/WET |
| HNU in Units | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 250 | 0 | 0 |
| Gasoline Range Organics/ppm | ns | ns | <10 | <10 | <10 | <10 | <10 | **9000** | ns | ns |
| Benzene/ppb | ns | ns | <25 | <25 | <25 | <25 | <25 | **33000** | ns | ns |
| Bromobenzene/ppb | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| Bromodichloromethane/ppb | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| Bromoform/ppb | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| tert-Butylbenzene/ppb | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| n-Butylbenzene/ppb | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| sec-Butylbenzene/ppb | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| Carbon tetrachloride/ppb | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| Chlorobenzene/ppb | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| Chloroethane/ppb | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| Chloroform/ppb | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| Chloromethane/ppb | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| 2-Chlorotoluene/ppb | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| 4-Chlorotoluene/ppb | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| 1,2-Dibromo-3-chloropropane/ppb | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| Dibromochloromethane/ppb | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| 1,4-Dichlorobenzene/ppb | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| 1,3-Dichlorobenzene/ppb | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| 1,2-Dichlorobenzene/ppb | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| Dichlorodifluoromethane/ppb | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| 1,2-Dichloroethane/ppb | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| 1,1-Dichloroethane/ppb | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| 1,1-Dichloroethene/ppb | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| cis-1,2-Dichloroethene/ppb | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| trans-1,2-Dichloroethene/ppb | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| 1,2-Dichloropropane/ppb | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| 2,2-Dichloropropane/ppb | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| 1,3-Dichloropropane/ppb | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| Diisopropyl ether/ppb | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| EDB (1,2-Dibromoethane)/ppb | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| Ethylbenzene/ppb | ns | ns | <25 | <25 | <25 | <25 | <25 | **240000** | ns | ns |
| Hexachlorobutadiene/ppb | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| Isopropylbenzene/ppb | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| p-Isopropyltoluene/ppb | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| Methylene chloride/ppb | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| Methyl-tert-butyl ether/ppb | ns | ns | <25 | <25 | <25 | <25 | <25 | <2500 | ns | ns |
| Naphthalene/ppb | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| n-Propylbenzene/ppb | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| 1,1,2,2-Tetrachloroethane/ppb | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| 1,1,1,2-Tetrachloroethane/ppb | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| Tetrachloroethene/ppb | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| Toluene/ppb | ns | ns | <25 | <25 | <25 | <25 | <25 | **950000** | ns | ns |
| 1,2,4-Trichlorobenzene/ppb | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| 1,2,3-Trichlorobenzene/ppb | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| 1,1,1-Trichloroethane/ppb | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| 1,1,2-Trichloroethane/ppb | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| Trichloroethene/ppb | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| Trichlorofluoromethane/ppb | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| 1,2,4-Trimethylbenzene/ppb | ns | ns | <25 | <25 | <25 | <25 | <25 | **780000** | ns | ns |
| 1,3,5-Trimethylbenzene/ppb | ns | ns | <25 | <25 | <25 | <25 | <25 | **220000** | ns | ns |
| Vinyl chloride/ppb | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| Xylene o,m & p/ppb | ns | ns | <75 | <75 | <75 | <75 | <75 | **1600000** | ns | ns |

NOTE: ns = not sampled **Bold** = detects

GEOPROBE DATA TABLE FOR CITY WIDE INSULATION
BY METCO

SAMPLING CONDUCTED ON JANUARY 12, 2004

SOIL SAMPLES

| Sample Location Number | G-10-1 | G-11-1 | G-12-1 | G-12-2 | G-12-3 | G-13-1 | G-13-2 | G-13-3 | METH BLANK |
|---|---|---|---|---|---|---|---|---|---|
| Sample Depth in Feet | 12 | 12 | 4 | 8 | 12 | 4 | 8 | 12 | == |
| Soil Type | SAND | SILTY SAND | SANDY CLAY | SAND | SILTY SAND | SANDY CLAY | SAND | SILTY SAND | == |
| Petroleum Odors | NO | NO | YES | YES | YES | NO | NO | YES | == |
| Petroleum Staining | NO | NO | NO | NO | NO | NO | NO | NO | == |
| Moisture | MOIST/WET | WET | MOIST | MOIST | MOIST/WET | MOIST | MOIST | MOIST/WET | == |
| HNU in Units | 0 | 0 | 40 | 95 | 60 | 0 | 0 | 2 | == |
| Gasoline Range Organics/ppm | ns | ns | <10 | **683** | **21** | <10 | <10 | <10 | <10 |
| Benzene/ppb | ns | ns | <25 | <500 | **1100** | <25 | <25 | **135** | <25 |
| Bromobenzene/ppb | ns | ns | ns | <500 | ns | ns | ns | ns | ns |
| Bromodichloromethane/ppb | ns | ns | ns | <500 | ns | ns | ns | ns | ns |
| Bromoform/ppb | ns | ns | ns | <500 | ns | ns | ns | ns | ns |
| tert-Butylbenzene/ppb | ns | ns | ns | <500 | ns | ns | ns | ns | ns |
| n-Butylbenzene/ppb | ns | ns | ns | **255** | ns | ns | ns | ns | ns |
| sec-Butylbenzene/ppb | ns | ns | ns | **4660** | ns | ns | ns | ns | ns |
| Carbon tetrachloride/ppb | ns | ns | ns | <500 | ns | ns | ns | ns | ns |
| Chlorobenzene/ppb | ns | ns | ns | <500 | ns | ns | ns | ns | ns |
| Chloroethane/ppb | ns | ns | ns | <500 | ns | ns | ns | ns | ns |
| Chloroform/ppb | ns | ns | ns | <500 | ns | ns | ns | ns | ns |
| Chloromethane/ppb | ns | ns | ns | <500 | ns | ns | ns | ns | ns |
| 2-Chlorotoluene/ppb | ns | ns | ns | <500 | ns | ns | ns | ns | ns |
| 4-Chlorotoluene/ppb | ns | ns | ns | <500 | ns | ns | ns | ns | ns |
| 1,2-Dibromo-3-chloropropane/ppb | ns | ns | ns | <500 | ns | ns | ns | ns | ns |
| Dibromochloromethane/ppb | ns | ns | ns | <500 | ns | ns | ns | ns | ns |
| 1,4-Dichlorobenzene/ppb | ns | ns | ns | <500 | ns | ns | ns | ns | ns |
| 1,3-Dichlorobenzene/ppb | ns | ns | ns | <500 | ns | ns | ns | ns | ns |
| 1,2-Dichlorobenzene/ppb | ns | ns | ns | <500 | ns | ns | ns | ns | ns |
| Dichlorodifluoromethane/ppb | ns | ns | ns | <500 | ns | ns | ns | ns | ns |
| 1,2-Dichloroethane/ppb | ns | ns | ns | <500 | ns | ns | ns | ns | ns |
| 1,1-Dichloroethane/ppb | ns | ns | ns | <500 | ns | ns | ns | ns | ns |
| 1,1-Dichloroethene/ppb | ns | ns | ns | <500 | ns | ns | ns | ns | ns |
| cis-1,2-Dichloroethene/ppb | ns | ns | ns | <500 | ns | ns | ns | ns | ns |
| trans-1,2-Dichloroethene/ppb | ns | ns | ns | <500 | ns | ns | ns | ns | ns |
| 1,2-Dichloropropane/ppb | ns | ns | ns | <500 | ns | ns | ns | ns | ns |
| 2,2-Dichloropropane/ppb | ns | ns | ns | <500 | ns | ns | ns | ns | ns |
| 1,3-Dichloropropane/ppb | ns | ns | ns | <500 | ns | ns | ns | ns | ns |
| Diisopropyl ether/ppb | ns | ns | ns | <500 | ns | ns | ns | ns | ns |
| EDB (1,2-Dibromoethane)/ppb | ns | ns | ns | <500 | ns | ns | ns | ns | ns |
| Ethylbenzene/ppb | ns | ns | <25 | <500 | **580** | <25 | <25 | **166** | <25 |
| Hexachlorobutadiene/ppb | ns | ns | ns | <500 | ns | ns | ns | ns | ns |
| Isopropylbenzene/ppb | ns | ns | ns | <500 | ns | ns | ns | ns | ns |
| p-Isopropyltoluene/ppb | ns | ns | ns | **681** | ns | ns | ns | ns | ns |
| Methylene chloride/ppb | ns | ns | ns | <500 | ns | ns | ns | ns | ns |
| Methyl-tert-butyl ether/ppb | ns | ns | <25 | <500 | <25 | <25 | <25 | <25 | <25 |
| Naphthalene/ppb | ns | ns | **120** | **5200** | ns | ns | ns | ns | ns |
| n-Propylbenzene/ppb | ns | ns | ns | <500 | ns | ns | ns | ns | ns |
| 1,1,2,2-Tetrachloroethane/ppb | ns | ns | ns | <500 | ns | ns | ns | ns | ns |
| 1,1,1,2-Tetrachloroethane/ppb | ns | ns | ns | <500 | ns | ns | ns | ns | ns |
| Tetrachloroethene/ppb | ns | ns | ns | <500 | ns | ns | ns | ns | ns |
| Toluene/ppb | ns | ns | **33** | **1740** | **3100** | <25 | <25 | **443** | <25 |
| 1,2,4-Trichlorobenzene/ppb | ns | ns | ns | <500 | ns | ns | ns | ns | ns |
| 1,2,3-Trichlorobenzene/ppb | ns | ns | ns | <500 | ns | ns | ns | ns | ns |
| 1,1,1-Trichloroethane/ppb | ns | ns | ns | <25 | ns | ns | ns | ns | ns |
| 1,1,2-Trichloroethane/ppb | ns | ns | ns | <500 | ns | ns | ns | ns | ns |
| Trichloroethene/ppb | ns | ns | ns | <500 | ns | ns | ns | ns | ns |
| Trichlorofluoromethane/ppb | ns | ns | ns | <500 | ns | ns | ns | ns | ns |
| 1,2,4-Trimethylbenzene/ppb | ns | ns | **340** | **62100** | **1200** | <25 | <25 | **98** | <25 |
| 1,3,5-Trimethylbenzene/ppb | ns | ns | **120** | **23000** | **410** | <25 | <25 | **86** | <25 |
| Vinyl chloride/ppb | ns | ns | ns | <500 | ns | ns | ns | ns | ns |
| Xylene o,m & p/ppb | ns | ns | **310** | **47700** | **3200** | <75 | <75 | **258** | <75 |

NOTE: ns = not sampled **Bold** = detects

GEOPROBE DATA TABLE FOR CITY WIDE INSULATION
BY METCO

SAMPLING CONDUCTED ON JANUARY 12, 2004

| GROUNDWATER SAMPLES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sample Location Number** | **G-1-W** | **G-2-W** | **G-3-W** | **G-4-W** | **G-5-W** | **G-6-W** | **G-7-W** | **G-8-W** | **G-9-W** | **G-10-W** | **G-11-W** | **G-12-W** | **G-13-W** | **TRIP BLANK** |
| **Sample Depth in Feet** | 8-12 | 8-12 | 8-12 | 8-12 | 8-12 | 8-12 | 8-12 | 8-12 | 8-12 | 8-12 | 8-12 | 8-12 | 8-12 | == |
| **Petroleum Odors** | NO | NO | YES | NO | NO | NO | YES | NO | NO | NO | NO | YES | YES | == |
| **Petroleum Sheens** | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | == |
| **Gasoline Range Organics/ppb** | <100 | <100 | **7000** | <100 | <100 | <100 | **65000** | <100 | <100 | **3900** | <100 | **83000** | **52000** | <100 |
| **Benzene/ppb** | <0.5 | <0.5 | **650** | **1.0** | <0.5 | <0.5 | **820** | <0.5 | <0.5 | **730** | <0.5 | **9700** | **4500** | <0.5 |
| **Ethylbenzene/ppb** | <0.18 | <0.18 | **675** | **3.0** | <0.18 | <0.18 | **2400** | **0.65** | <0.18 | **250** | <0.18 | **2600** | **1800** | <0.18 |
| **Methyl-tert-butyl ether/ppb** | <0.69 | <0.69 | <17 | <0.69 | <0.69 | <0.69 | <34.5 | <0.69 | <0.69 | <17 | **29** | <69 | <34.5 | <0.69 |
| **Toluene/ppb** | <0.54 | <0.54 | **490** | **1.8** | **1.0** | <0.54 | **24000** | <0.54 | <0.54 | **2300** | **0.63** | **37000** | **1900** | <0.54 |
| **1,2,4-Trimethylbenzene/ppb** | <0.21 | <0.21 | **750** | **2.1** | <0.21 | <0.21 | **3200** | **0.53** | <0.21 | **23** | <0.21 | **2700** | **2500** | <0.21 |
| **1,3,5-Trimethylbenzene/ppb** | <0.84 | <0.84 | **260** | **1.2** | <0.84 | <0.84 | **820** | <0.84 | <0.84 | <21 | <0.84 | **740** | **650** | <0.84 |
| **Xylene o,m & p/ppb** | <2.6 | <2.6 | **1300** | **5.5** | <2.6 | <2.6 | **16000** | <2.6 | <2.6 | **690** | <2.6 | **18000** | **12000** | <2.6 |

**NOTE:** ns = not sampled **Bold** = detects

**SOIL BORING DATA TABLE FOR CITY WIDE INSULATION LUST INVESTIGATION**
**BY METCO**

**SAMPLING CONDUCTED ON MARCH 8, 2004**

## SOIL SAMPLES

| Sample Location Number | B-1-1 | B-1-2 | B-1-3 | B-2-1 | B-2-2 | B-2-3 | B-3-1 | G-3-2 | B-3-3 | B-4-1 | B-4-2 | B-4-3 | METH BLANK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Depth in Feet | 2 | 8.5 | 15 | 4 | 9 | 11 | 4 | 8 | 10 | 2 | 8 | 12 | == |
| Soil Type | SAND | SAND | SAND/SILT | CLAY | SAND | SAND | SANDY CLAY | SAND | SILTY SAND | SANDY CLAY | SAND | SAND | == |
| Petroleum Odors | NO | YES | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | == |
| Petroleum Staining | NO | YES | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | == |
| HNU | 0 | 300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | == |
| Moisture | MOIST | MOIST/WET | WET | MOIST | MOIST | WET | MOIST | MOIST | WET | MOIST | MOIST/WET | WET | ns |
| Solids Percent | ns | 84.5 | 81.2 | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| Gasoline Range Organics/ppm | ns | **11000** | <10 | ns | ns | ns | ns | ns | ns | ns | ns | ns | <10 |
| Benzene/ppb | ns | **57000** | <25 | ns | ns | ns | ns | ns | ns | ns | ns | ns | <25 |
| Ethylbenzene/ppb | ns | **260000** | <25 | ns | ns | ns | ns | ns | ns | ns | ns | ns | <25 |
| Methyl tert-butyl ether/ppb | ns | <1250 | <25 | ns | ns | ns | ns | ns | ns | ns | ns | ns | <25 |
| Naphthalene/ppb | ns | **150000** | <25 | ns | ns | ns | ns | ns | ns | ns | ns | ns | <25 |
| Toluene/ppb | ns | **670000** | <25 | ns | ns | ns | ns | ns | ns | ns | ns | ns | <25 |
| 1,2,4-Trimethylbenzene/ppb | ns | **890000** | <25 | ns | ns | ns | ns | ns | ns | ns | ns | ns | <25 |
| 1,3,5-Trimethylbenzene/ppb | ns | **280000** | <25 | ns | ns | ns | ns | ns | ns | ns | ns | ns | <25 |
| Xylene, o-m & p-/ppb | ns | **1900000** | <75 | ns | ns | ns | ns | ns | ns | ns | ns | ns | <75 |

**NOTE: ns = not sampled Bold = detects**

**SOIL BORING DATA TABLE FOR CITY WIDE INSULATION LUST INVESTIGATION**
**BY METCO**

**SAMPLING CONDUCTED ON AUGUST 23, 2004**

## SOIL SAMPLES

| **Sample Location Number** | **P-5-1** | **P-5-2** | **P-5-3** | **P-5-4** | **P-5-5** | **P-5-6** |
|---|---|---|---|---|---|---|
| **Sample Depth in Feet** | 2-4 | 9-11 | 15-17 | 25 | 30 | 35 |
| **Soil Type** | SILTY SAND | SILTY SAND | SILTY SAND | SANDSTONE | SANDSTONE | SANDSTONE |
| **Petroleum Odors** | NO | NO | NO | NO | NO | NO |
| **Petroleum Staining** | NO | NO | NO | NO | NO | NO |
| **HNU** | 0 | 0 | 0 | == | == | == |
| **Moisture** | MOIST | WET | WET | WET | WET | WET |

WDNR BRRTS Case #: 03-13-215719

WDNR Site Name: City Wide Insulation, Inc.

**Geographic Information System (GIS) Registry of Closed Remediation Sites**

In compliance with the revisions to the NR 700 rule series requiring certain closed sites to be listed on the Geographic Information System (GIS) Registry of Closed Remediation Sites (Registry) effective Nov., 2001, I have provided the following information.

To the best of my knowledge the legal descriptions provided and attached to this statement are complete and accurate.

Responsible Party: VP
(print name/title)

Jean Murphy 3/10/05
(signature) (date)