## GIS REGISTRY INFORMATION

**SITE NAME:** Phillips Plastics Corp

**BRRTS #:** 02-61-000560 **FID # (if appropriate):**

**COMMERCE # (if appropriate):**

**CLOSURE DATE:** 2/1/07

**STREET ADDRESS:** 939 S. Whelen Ave.

**CITY:** Medford

**SOURCE PROPERTY GPS COORDINATES** (meters in WTM91 projection): X= 492938 Y= 516684

**CONTAMINATED MEDIA:** Groundwater ☐ Soil ☐ Both ☒

**OFF-SOURCE GW CONTAMINATION >ES:** ☐ Yes ☒ 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 ☒ No

**DOCUMENTS NEEDED:**

- **Closure Letter, and any conditional closure letter or denial letter issued** ☒
- **Copy of any maintenance plan referenced in the final closure letter.** N/A ☐
- **Copy of (soil or land use) deed notice *if any required as a condition of closure*** N/A ☐
- **Copy of most recent deed, including legal description, for all affected properties** ☒
- **Certified survey map or relevant portion of the recorded plat map (*if referenced in the legal description*) for all affected properties** ☒
- **County Parcel ID number, *if used for county*, for all affected properties** on deeds ☒
- **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. ☒
- **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. ☒
- **Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)** ☒
- **Tables of Latest Soil Analytical Results (no shading or cross-hatching)** ☒
- **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.** ☒
- **GW: Table of water level elevations, with sampling dates, and free product noted if present** ☒
- **GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees)** ☒
- **SOIL: Latest horizontal extent of contamination exceeding generic or SSRCLs, with one contour** ☒
- **Geologic cross-sections, *if required for SI.*** (8.5x14' if paper copy) ☒
- **RP certified statement that legal descriptions are complete and accurate** ☒
- **Copies of off-source notification letters (if applicable)** N/A ☐
- **Letter informing ROW owner of residual contamination (if applicable)**(public, highway or railroad ROW) N/A ☐

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
John Gozdzialski, Regional Director

Northern Region Headquarters
107 Sutliff Ave.
Rhinelander, Wisconsin 54501-3349
Telephone 715-365-8900
FAX 715-365-8932
TTY Access via relay - 711

February 1, 2007

Mr. Dave Wolf
Phillips Plastics Corporation
Precision Decorating Facility
939 South Whelen Avenue
Medford, WI 54451

SUBJECT: Final Case Closure with Land Use Limitations or Conditions
Phillips Plastics Corporation, 939 South Whelen Avenue, Medford, WI
WDNR BRRTS Activity #: 02-61-000560

Dear Mr. Wolf:

On December 7, 2006, the Wisconsin Department of Natural Resources ("Department") Northern Region Closure Committee ("Committee") reviewed the above referenced case for closure. This Committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. On December 11, 2006, you were notified that the Committee had granted conditional closure to this case.

Based on the correspondence and data provided, it appears that your case meets the requirements of ch. NR 726, Wisconsin Administrative Code. The Department considers this case closed and no further investigation or remediation is required at this time.

Please be aware that pursuant to s. 292.12 Wisconsin Statutes, compliance with the requirements of this letter is a responsibility to which and any subsequent property owners must adhere. If these requirements are not followed or if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, welfare, or the environment, the Department may take enforcement action under s. 292.11 Wisconsin Statutes to ensure compliance with the specified requirements, limitations or other conditions related to the property or this case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code. It is the Department's intent to conduct inspections in the future to ensure that the conditions included in this letter including compliance with referenced maintenance plans are met.

Structural impediments existing at the time of cleanup, the footings of the facility walls in the area of the former paint storage room and locker room as indicated on the Site Map (Figure 2) prepared by Ayres Associates in August 2006 and specifically in the area referenced in Figure 5 ("Interior Soil Sampling Locations May 8, 2001 and Residual Contamination Area") submitted to the Department at time of closure, made complete remediation of the soil contamination on this property impracticable. Pursuant to s. 292.12(2)(b), Wis. Stats., if the structural impediments on this property that are described above are removed, the property owner shall conduct an investigation of the degree and extent of metal contamination. If contamination is found at that time, the Wisconsin Department of Natural Resources

shall be immediately notified and the contamination shall be properly remediated in accordance with applicable statutes and rules. If soil in the specific locations described above is excavated, the property



owner at the time of excavation must sample and analyze the excavated soil to determine if residual contamination remains. If sampling confirms that contamination is present the property owner at the time of excavation will need to determine whether the material would be considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable statutes and rules. In addition, all current and future owners and occupants of the property need to be aware that excavation of the contaminated soil may pose an inhalation or other direct contact hazard and as a result special precautions may need to be taken during excavation activities to prevent a health threat to humans.

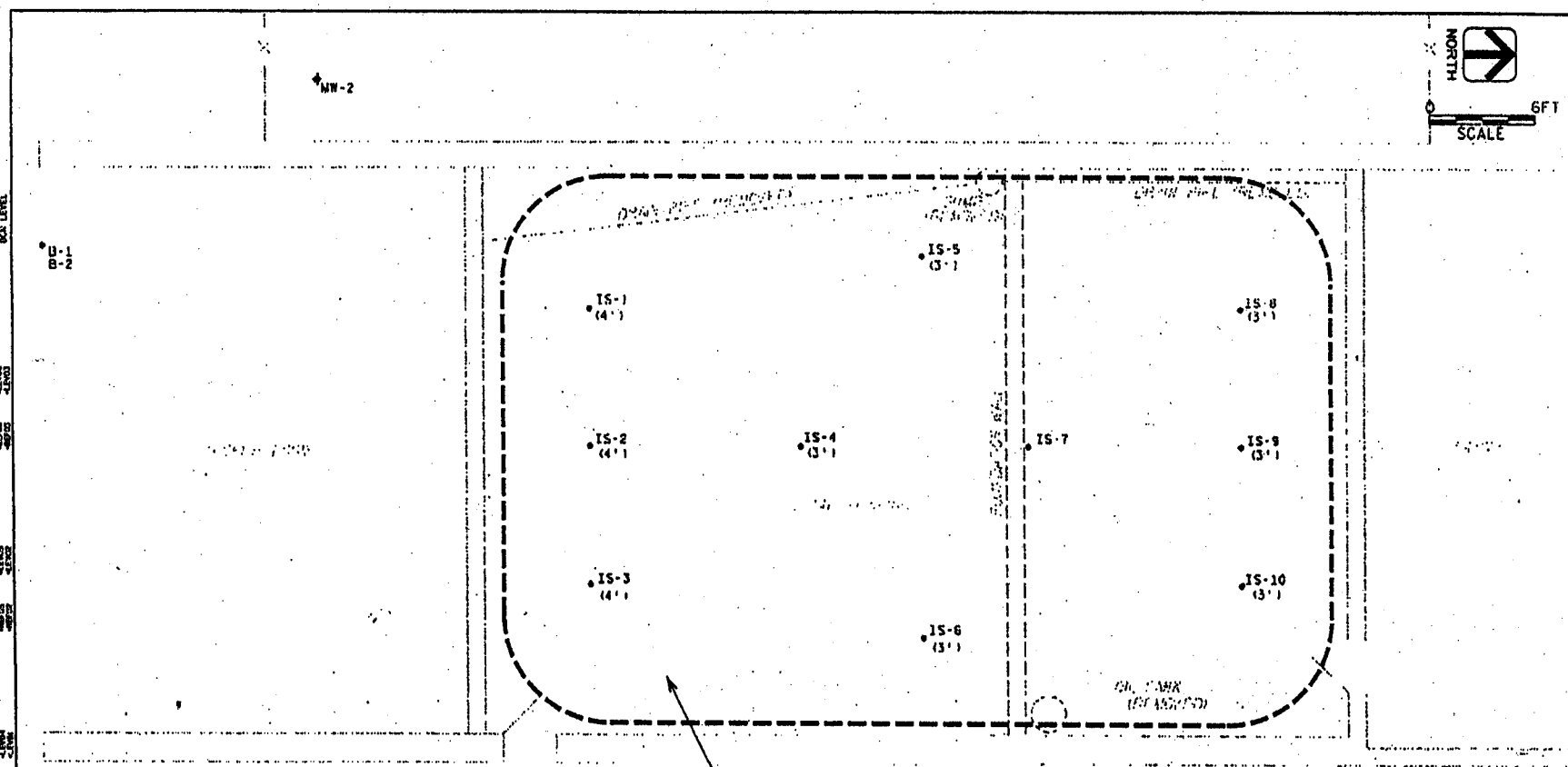
Your site will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites. Information that was submitted with your closure request application will be included on the GIS Registry. To review the sites on the GIS Registry web page, visit http://dnr.wi.gov/org/aw/rr/gis/index.htm. If your property is listed on the GIS Registry because of remaining contamination and you intend to construct or reconstruct a well, you will need prior Department approval in accordance with s. NR 812.09(4)(w), Wis. Adm. Code. To obtain approval, Form 3300-254 needs to be completed and submitted to the DNR Drinking and Groundwater program's regional water supply specialist. This form can be obtained on-line http://www.dnr.state.wi.us/org/water/dwg/3300254.pdf or at the web address listed above for the GIS Registry.

The Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this closure decision or anything outlined in this letter, please contact John Sager at (715) 365-8959.

Sincerely,

John Robinson
Remediation & Redevelopment Team Supervisor

cc: Mr. Dennis Johnson, Ayres Associates
Bill Phelps, DG/2




AREA WHERE SOIL EXCAVATION DEPTH WAS LIMITED BY THE BUILDING FOUNDATION. SOME ELEVATED METALS CONCENTRATIONS MAY EXIST IN THIS AREA.

## CONFIRMATION ZONE RESULTS

**Confirmation Samples - Building Interior**

| Sample No. | Sample Location | DATE | Depth (ft) | Chromium (mg/kg) | Copper (mg/kg) | Nickel (mg/kg) | Lead (mg/kg) |
|---|---|---|---|---|---|---|---|
| 19 | IS1 (Interior) | 5/8/2001 | 4 | 30.1 | 161.0 | 322.0 | ---- |
| 20 | IS2 (Interior) | 5/8/2001 | 4 | 34.1 | 427.0 | 300.0 | ---- |
| 21 | IS3 (Interior) | 5/8/2001 | 4 | 19.3 | 216.0 | 176.0 | ---- |
| 22 | IS4 (Interior) | 5/8/2001 | 3 | 16.6 | 216.0 | 156.0 | ---- |
| 23 | IS6 (Interior) | 5/8/2001 | 3 | 22.9 | 189.0 | 151.0 | ---- |
| 24 | IS6 (Interior) | 5/8/2001 | 3 | 11.3 | 27.7 | 25.9 | ---- |
| 25 | IS7 (Interior) | 5/8/2001 | 3 | 14.7 | 81.3 | 97.4 | ---- |
| 26 | IS8 (Interior) | 5/8/2001 | 3 | 8.1 | 12.2 | 9.0 | ---- |
| 27 | IS9 (Interior) | 5/8/2001 | 3 | 14.9 | 52.1 | 34.7 | ---- |
| 28 | IS10 (Interior) | 5/8/2001 | 3 | 17.7 | 132.0 | 77.2 | ---- |

IN WHOLE. REPRODUCTION BY PRINTS OR OTHER EQUIVALENT COLOR COPYING MAY CAUSE SOME DATA TO BE LOST OR MISREPRESENTED.

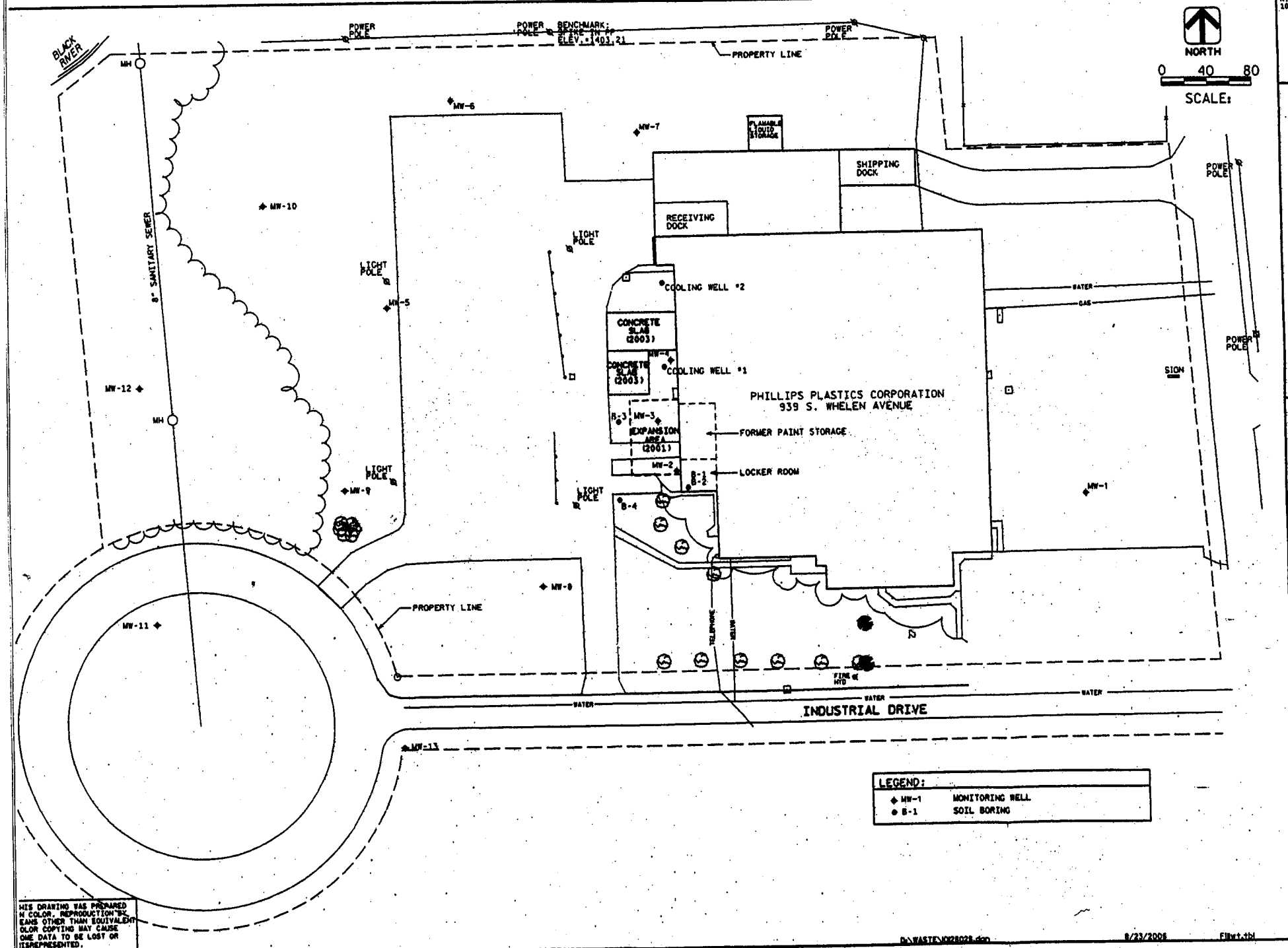
| LEGEND: | |
|---|---|
| ◆MW-2 | MONITORING WELL |
| •B-1 | SOIL BORING (1997) |
| •IS-1 | SOIL SAMPLE (5-8-2001) |
| (4') | SAMPLE DEPTH |

INTERIOR
SOIL SAMPLING LOCATIONS
MAY 8, 2001
& RESIDUAL CONTAMINATION AREA

AMRES ASSOCIATES

CURRENT STATUS REPORT
PHILLIPS PLASTICS-MEDFORD
MEDFORD, WISCONSIN

FIGURE
5




HIS DRAWING WAS PREPARED N COLOR. REPRODUCTION BY EANS OTHER THAN EQUIVALENT OLOR COPYING MAY CAUSE OME DATA TO BE LOST OR ISREPRESENTED.

K:/WASTE/PPMED/ 10128028.DGN

SITE PLAN

DRN. BY: JCS
CHK. BY: CJS
DATE: AUGUST 2006

AMRES ASSOCIATES

GROUND WATER MONITORING REPORT
PHILLIPS PLASTIC CORPORATION
MEDFORD, WISCONSIN

FIGURE 2

D:\WASTE\10128028.dgn 8/23/2006 Filwt.tbl

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
John Gozdzialski, Regional Director

223 East Steinfest Road
Antigo, Wisconsin 54409
Telephone 715-627-4317
FAX 715-623-6773
TTY Access via relay - 711

December 11, 2006

Mr. Dave Wolf
Phillips Plastics Corporation
Precision Decorating Facility
939 South Whelen Avenue
Medford, WI 54451

Subject: Conditional Closure Decision,
With Requirements to Achieve Final Closure
Phillips Plastics Corporation, 939 S. Whelen Avenue, Medford, Wisconsin
WDNR BRRTS Activity # 02-61-000560

Dear Mr. Wolf:

On December 7, 2006, the Wisconsin Department of Natural Resources ("Department") Northern Region closure committee reviewed your request for closure of the case described above. The closure committee reviews environmental remediation cases for compliance with state rules and statutes to maintain consistency in the closure of these cases. After careful review of the closure request, the Department has determined that the metal contamination on the site from the former metal plating operation appears to have been investigated and remediated to the extent practicable under site conditions. Your case has been remediated to Department standards in accordance with s. NR 726.05, Wis. Adm. Code and will be closed if the following conditions are satisfied:

The monitoring wells and the two cooling water wells at the site must be properly abandoned in compliance with ch. NR 141, Wis. Adm. Code. Documentation of well abandonment must be submitted to me on Form 3300-5B found at www.dnr.state.wi.us/org/water/dwg/gw/ or provided by the Department.

Any remaining purge water, waste and/or soil piles generated as part of site investigation or remediation activities must be removed from the site and disposed of or treated in accordance with Department of Natural Resources' rules. Once that work is completed, please send appropriate documentation regarding the treatment or disposal of the remaining purge water, waste and/or soil piles.

When the above conditions have been satisfied, please submit the appropriate documentation (for example, well abandonment forms, disposal receipts, copies of correspondence, etc.) to verify that applicable conditions have been met, and your case will be closed. Your site will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites. Information that was submitted with your closure request application will be included on the GIS Registry. To review the site on the GIS Registry web page, visit http://maps.dnr.state.wi.us/brrts.

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

We appreciate your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at (715) 623-4190 ext 3125.

Sincerely,

John Sager
Hydrogeologist
Bureau for Remediation & Redevelopment

cc: Mr. Dennis Johnson, Ayres Associates

Reel 207 Image 503

THIS SPACE RESERVED FOR RECORDING DATA

STATE BAR OF WISCONSIN FORM 3 — 1982

**QUIT CLAIM DEED**

Document No. **241786**

REGISTER'S OFFICE
County of Taylor, Wis. } ss:
Received for record this 18 day of Mar., 19 91, at 11:55 o'clock AM.
and microfilmed on Reel 207
of Records on image 503
Sally Strassburger
Sally Strassburger, Register of Deeds

City of Medford, Wisconsin

quit-claims to Phillips Plastics Corporation

50

The following described real estate in Taylor County, State of Wisconsin:

Recd. and to Roy N. Fine
Di Renzo & Bomier
P. O. Box 788
Neenah, WI 54957-0788

34.31.1E-13.1

Tax Parcel No:

A parcel of land located in the SE¼-SW¼-34-31-1 East, being described as Parcel 'D' on Certified Survey Map recorded in Volume 1 of Surveys on page 328, Taylor County Records, City of Medford, County of Taylor, State of Wisconsin.

THIS QUIT CLAIM DEED IS FURTHER INTENDED TO CONVEY, TRANSFER, AND RELEASE ANY INTEREST OF THE CITY OF MEDFORD UNDER THAT CERTAIN LEASE ENTERED INTO BETWEEN GRANTOR AND GRANTEE DATED DECEMBER 1, 1973 AND RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS FOR TAYLOR COUNTY, WISCONSIN ON MAY 14, 1974 IN VOLUME 'AM' OF MISC. ON PAGE 380 AS DOCUMENT NO. 187094 AND THAT LEASE SUPPLEMENT DATED AS OF JUNE 1, 1974 AND RECORDED AUGUST 20, 1974 IN VOLUME 'AM' OF MISC. ON PAGE 636 AS DOCUMENT NO. 187925.

**FEE**
**# 77.25(2)**
**EXEMPT**

This is not ~~XXX~~ (is not) homestead property.

Dated this 21st day of February, 19 91.

Witnessed:

CITY OF MEDFORD

(SEAL) By: Dolores Meyer (SEAL)
Dolores Meyer, Mayor

(SEAL) By: Donna Goodman (SEAL)
Donna Goodman, Deputy Clerk-Treasurer

**AUTHENTICATION**

Signature(s) of Dolores Meyer, Mayor and Donna Goodman, Deputy Clerk-Treasurer authenticated this 21st day of February, 19 91

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

THIS INSTRUMENT WAS DRAFTED BY
Roy N. Fine, Esq.
Neenah, WI 54957-0788

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

**ACKNOWLEDGMENT**

STATE OF WISCONSIN }
..... County. } ss.

Personally came before me this ..... day of ....., 19 ..... the above named .....

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

Notary Public ..... County, Wis.
My Commission is permanent. (If not, state expiration date: ....., 19.....)

Rec. 1/

DOCUMENT NO.

197142

STATE BAR OF WISCONSIN - FORM 2
WARRANTY DEED No. 9
This Space Reserved For Recording Data

REGISTER'S OFFICE, } ss
County of Taylor, Wis. }
Received for record this 14 day of July, 19 77, at 9:55 o'clock A.M.
and recorded in Vol. ..... of Deeds on page 249
Harold R. Jones Register

RETURN TO

34.31.1E-12.3

BY THIS DEED, the City of Medford, a Wisconsin Municipal Corporation

Grantor conveys and warrants to Phillips Plastics Corporation, a Wisconsin Corporation

Grantee

for a valuable consideration of One Dollar and other good and valuable consideration ($10,080.00)

the following described real estate in Taylor County, State of Wisconsin

This is not homestead property.

Parcel E, as described and shown on a certified survey map, document #184859 on record in Volume 1-S Surveys on page 328 in the Taylor County Register of Deeds office, Medford, Wisconsin, located in and being a part of the Southeast Quarter of the Southwest Quarter (SE 1/4 SW 1/4), Section Thirty-four (34), Township Thirty-one (31) North, Range One (1) East.

Subject to exceptions, reservations, easements and restrictions in use and of record.

FEE #7791(2) EXEMPT

Executed at Medford, Wisconsin this 18th day of May, 19 76

SIGNED AND SEALED IN PRESENCE OF

Donna Goodman

Donna Goodman

Carl A. Larson

Carl A. Larson

Corporate Seal

CITY OF MEDFORD:

By: Arthur Salzwedel (SEAL)

Arthur Salzwedel, Mayor

Julia Maier (SEAL)

Julia Maier, Clerk

(SEAL)

(SEAL)

STATE OF WISCONSIN
Taylor County. } ss.

Personally came before me, this 18th day of May, 19 76, the above named Arthur Salzwedel and Julia Maier, Mayor and City Clerk respectively of the City of Medford, a Wisconsin Municipal Corporation on behalf of said corporation to me known to be the persons who executed the foregoing instrument and acknowledged the same.

Robert L. Brandner

Notary Public Taylor County, Wis.

My Commission (expires) (is) permanent

This instrument was drafted by
Attorney Robert L. Brandner
Curran and Brandner Law Office, S.C.
Medford, Wisconsin 54451

The use of witnesses is optional.

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

Notary Seal

Vol. 35 Page 249

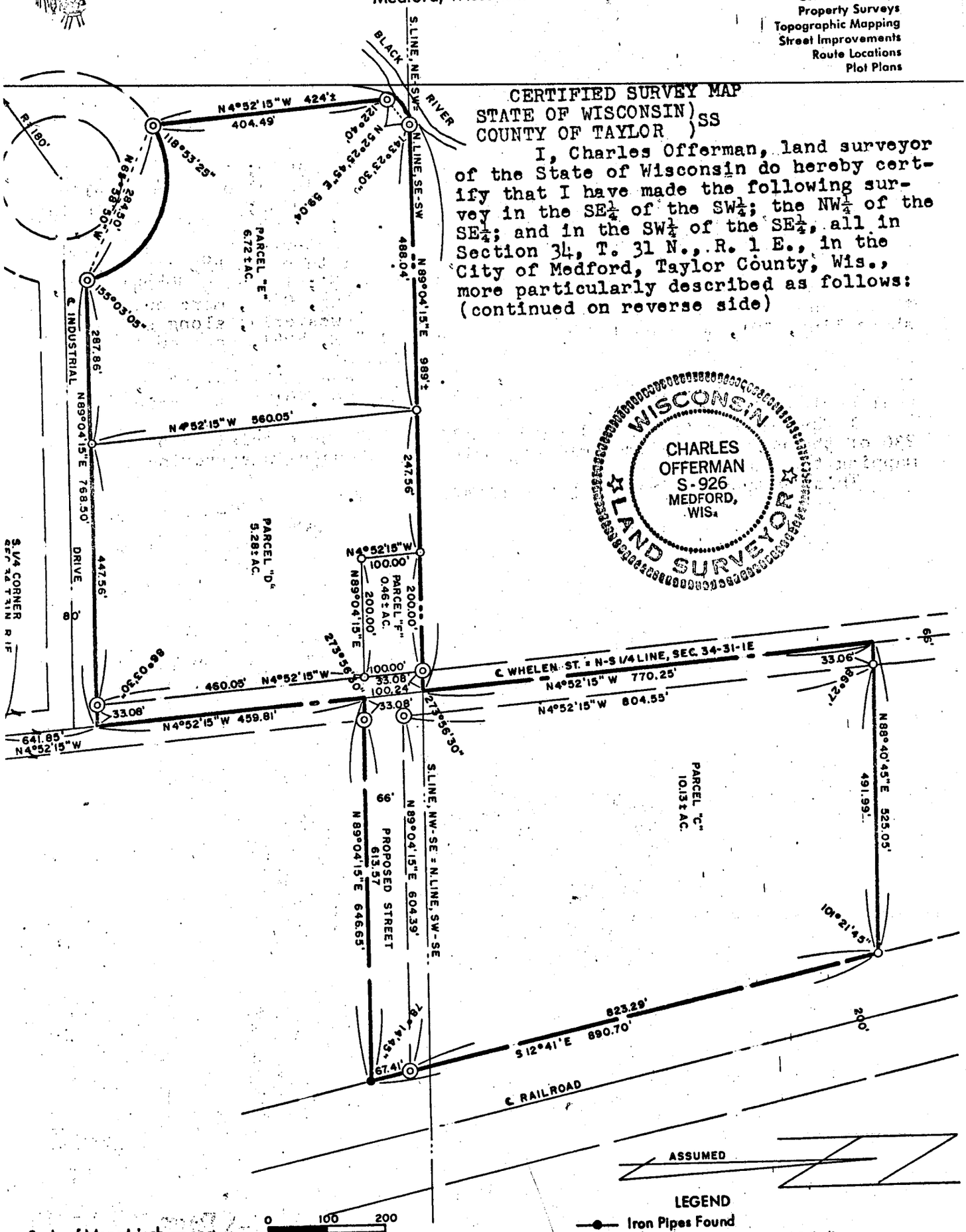
# MINK CAPITAL SURVEYING, INC.

Medford, Wisconsin

**SURVEYING SERVICES**
Subdivisions
Certified Surveys
Property Surveys
Topographic Mapping
Street Improvements
Route Locations
Plot Plans

CERTIFIED SURVEY MAP
STATE OF WISCONSIN) SS
COUNTY OF TAYLOR )

I, Charles Offerman, land surveyor of the State of Wisconsin do hereby certify that I have made the following survey in the SE¼ of the SW¼; the NW¼ of the SE¼; and in the SW¼ of the SE¼, all in Section 34, T. 31 N., R. 1 E., in the City of Medford, Taylor County, Wis., more particularly described as follows: (continued on reverse side)




Scale of Map: 1 inch = 200'

0 100 200

STATE OF WISCONSIN }
COUNTY OF TAYLOR } SS

**LEGEND**
- Iron Pipes Found
- 1" x 24" Iron Pipes Set, 1.13 lb./ft.
- Stone Mon. Found
- Iron Pins Set
- 2" x 30" Iron Pipes Set, 3.65 lb./ft.

I, CHARLES OFFERMAN, Land Surveyor of the State of Wisconsin, do hereby certify that on JULY 3, 1973, I surveyed the above described property according to official records and that the accompanying map is a true and correct representation of the exterior boundaries of the land surveyed, that all buildings and improvements lie wholly within the boundary lines, and that no encroachments by adjacent property owners appear from said survey except as indicated.

Charles Offerman
Registered Land Surveyor S-926 WIS.

Vol 1-S Page 328

MEDFORD AREA DEVELOPMENT FOUNDATION

Commencing at the South $\frac{1}{4}$ corner of said Section 34; thence N 4°52'15" W, along the North-South $\frac{1}{4}$ line of said Section 34, being also the centerline of Whelen Street, 641.85' to the point of real beginning; thence continuing N 4°52'15" W, along last said centerline, 459.81'; thence N 89°04'15" E, 646.65'; thence N 12°41' W, along the Westerly Right-of-Way of a railroad easement, 890.70'; thence S 88°40'45" W, 525.05'; thence S 4°52'15" E, along the said centerline of Whelen Street, 770.25'; thence S 89°04'15" W, along the Northerly line of the said SE$\frac{1}{4}$ of the SW$\frac{1}{4}$, 989', more or less, to the shoreline of the Black River; thence Southwesterly, along said shore line, 30', more or less; thence S 4°52'15" E, 424', more or less; thence along the arc of a curve having a radius of 180.00' and measured along a chord bearing S 65°58'50" E, 284.50'; thence N 89°04'15" E, along the Northerly Right-of-Way of Industrial Drive, 768.50' to the point of real beginning.

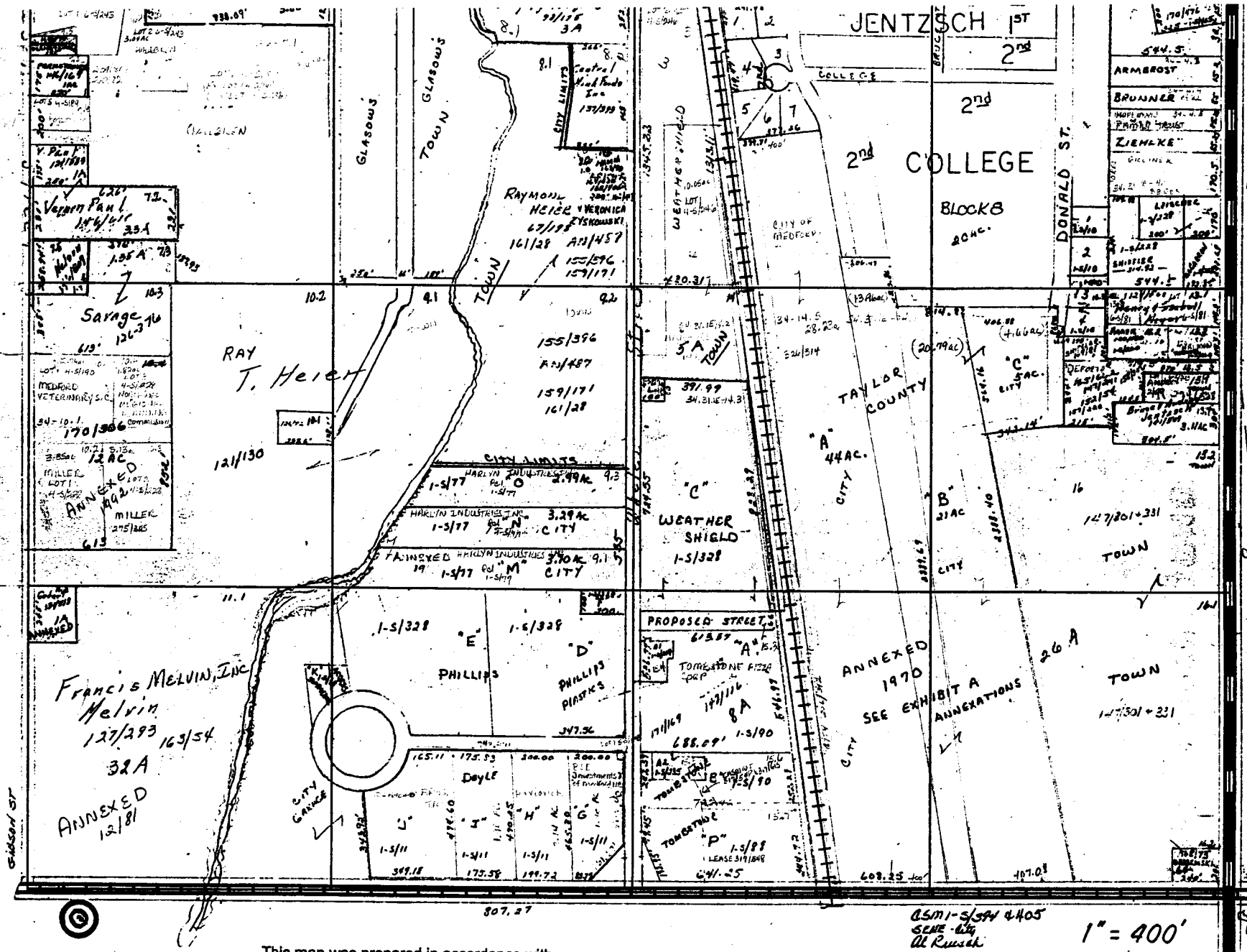
I further certify that I have complied with the provisions of Chapter 236 of the revised statutes of the State of Wisconsin in surveying and mapping the same.

This instrument drafted by Charles Offerman.

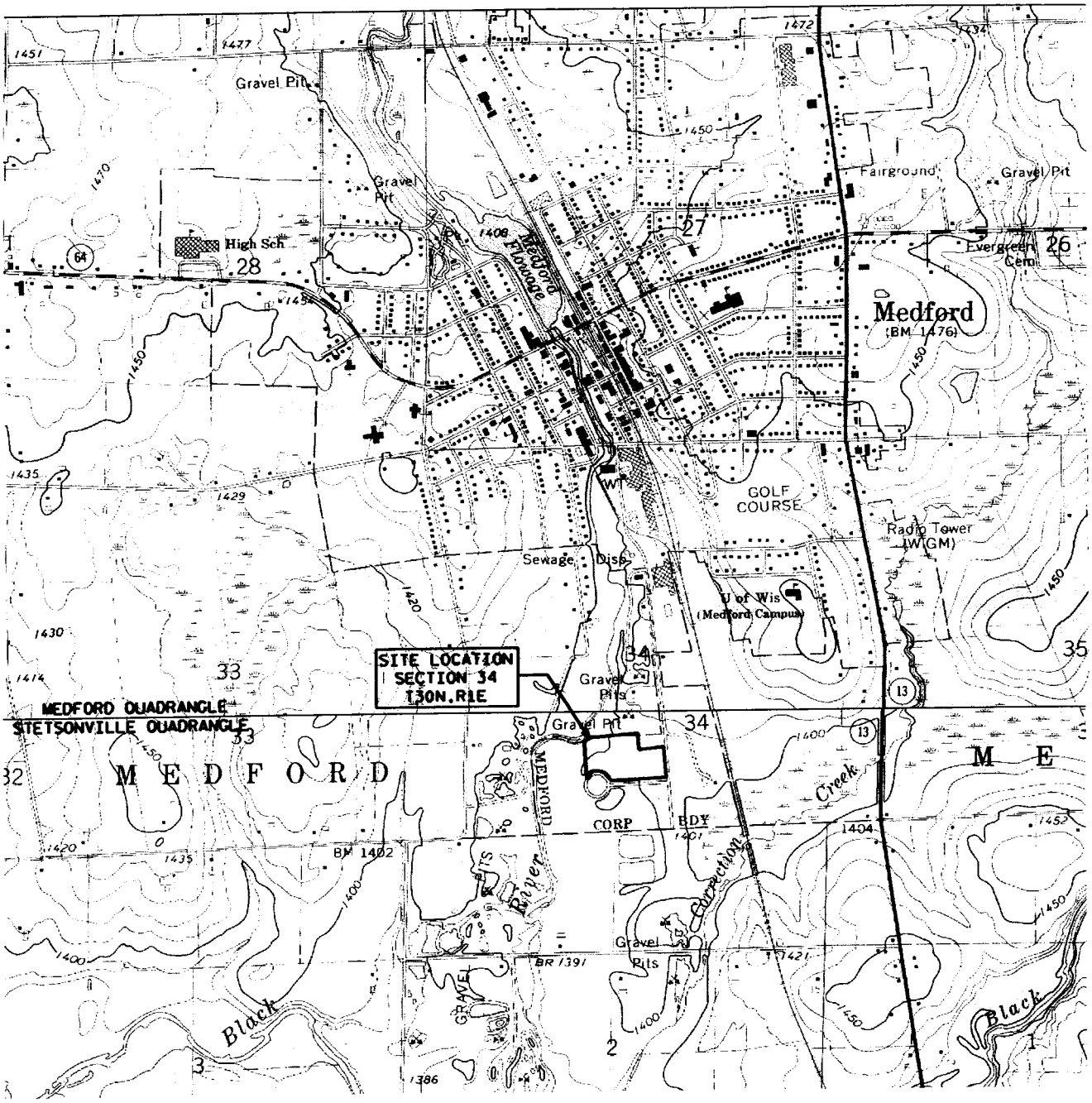
Doc# 184859

REGISTER'S OFFICE, } ss.
County of Taylor, Wis.
Received for record this 22 day of Aug 1973, at 3 o'clock P.M.,
and recorded in Vol 1-S on page 328
of Surveys
Darrell R. Young
Register

Vol 1-S Page 328-A




This map was prepared in accordance with chapter 70.09, Wis Stats. All information contained herein is advisory only. Map accuracy is limited to the quality of the data obtained from other public records. This map is not a substitute for an accurate field survey.




NOTE: THIS DRAWING WAS PREPARED IN COLOR. REPRODUCTION BY MEANS OTHER THAN EQUIVALENT COLOR COPYING MAY CAUSE SOME DATA TO BE LOST OR MISREPRESENTED.

USGS MAP: MEDFORD QUADRANGLE-1969
STETSONVILLE-1969

SCALE 1:24000

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

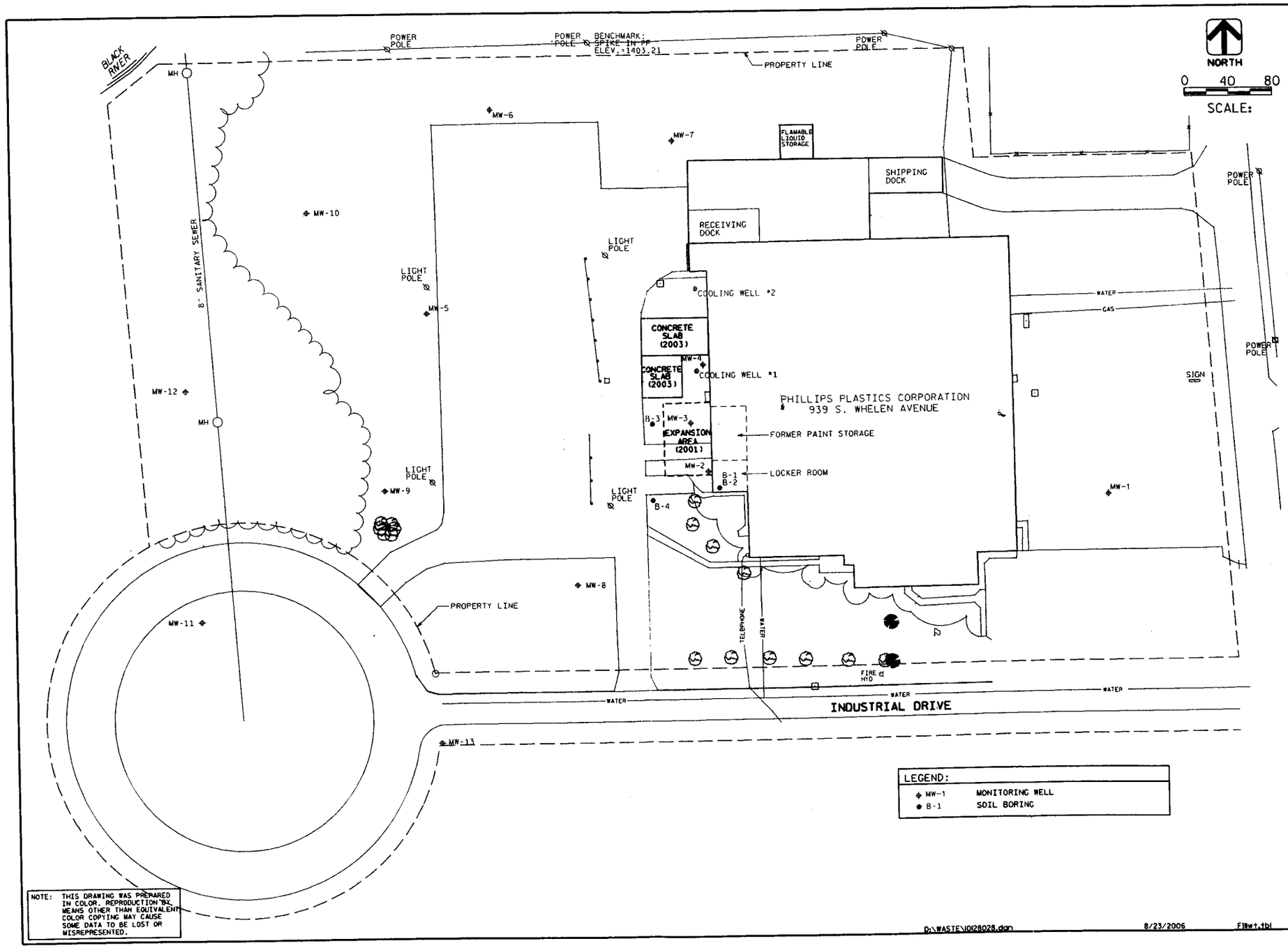
NORTH

K:/WASTE/PPMED/101280US03.DGN

| | | | |
|---|---|---|---|
| GROUND WATER MONITORING REPORT<br>PHILLIPS PLASTIC CORPORATION<br>MEDFORD , WISCONSIN | DRN. BY: JGS<br>CHK. BY: GJS<br>DATE: AUG 2006<br>AYRES ASSOCIATES | LOCATION MAP | FIGURE<br>1 |

8/23/2006 Filwt.tbl

D:±WASTE±101280us04.dgn




NOTE: THIS DRAWING WAS PREPARED IN COLOR. REPRODUCTION BY MEANS OTHER THAN EQUIVALENT COLOR COPYING MAY CAUSE SOME DATA TO BE LOST OR MISREPRESENTED.

D:\WASTE\10128028.dgn 8/23/2006 FIWwt.tbl

K:/WASTE/PPWED/10128028.DGN

SITE PLAN

DRN. BY: JGS
CHK. BY: CJS
DATE: AUGUST 2006

AMRES ASSOCIATES

GROUND WATER MONITORING REPORT
PHILLIPS PLASTIC CORPORATION
MEDFORD, WISCONSIN

FIGURE 2

# TABLE 2
# GROUND WATER ANALYTICAL RESULTS
# PHILLIPS PLASTICS MEDFORD

| Well Location | Sample Date | Chromium (ug/L) | Cadmium (ug/L) | Nickel (ug/L) | Lead (ug/L) | Copper (ug/L) | Zinc (ug/L) | Iron (mg/L) |
|---|---|---|---|---|---|---|---|---|
| MW-1 | 8/14/1991 | 130 | NA | ***66*** | No Detections | ***230*** | NA | NA |
| | 10/28/1991 | <5.0 | NA | <1.0 | <5.0 | <50 | NA | NA |
| | 8/24/1995 | 1.0 | 0.12 | <10 | <1.0 | <10 | NA | NA |
| | 3/6/1996 | <1.0 | 0.21 | <10 | <1.0 | <10 | NA | NA |
| | 6/4/1996 | <1 | <0.10 | <10 | NA | <10 | NA | NA |
| | 9/11/1996 | <1 | 0.26 | 10 | NA | <10 | 7 | NA |
| | 11/4/1999 | <1 | 0.4*** | 19 | <1 | 3 | NA | 0.028*** |
| | 4/13/2000 | <1.1 | <0.19 | 10.2 | <1.2 | 1.7 | NA | <0.0124 |
| | 7/21/2000 | <1.1 | <0.19 | 15.4 | <1.2 | 2.8 | NA | <0.0124 |
| | 10/25/2000 | <1.1 | 0.31 | 11.2 | <1.2 | 1.4 | NA | <0.012 |
| | 1/24/2001 | <1.1 | 0.47 | ***31.1*** | <1.2 | 3.1 | NA | 1.99 |
| | 8/21/2001 | <0.61 | ***1.1*** | ***53.7*** | <1.4 | 8 | NA | <0.042 |
| | 2/19/2002 | <0.61 | ***0.59*** | ***33.5*** | <1.4 | 4.6 | NA | ***0.202*** |
| | 5/14/2002 | <0.61 | <0.42 | 9.7 | <1.4 | 20.5 | NA | 0.0424 |
| | 8/14/2002 | <0.61 | 0.45 | ***48.5*** | <1.1 | 7.5 | NA | <0.042 |
| | 8/13/2003 | <0.99 | <0.39 | ***21*** | <2.8 | 6.1 | NA | 6.57 |
| | 11/18/2003 | <0.99 | ***1.0*** | 14.3 | <2.8 | 33.2 | NA | 16.5 |
| | 2/18/2004 | <4.1 | <0.88 | <9.0 | <2.8 | 14.4 | NA | 22.6 |
| | 7/13/2004 | <4.1 | <0.88 | ***26.2*** | <2.8 | 9.5 | NA | <0.067 |
| | 10/14/2004 | <4.1 | <0.88 | 16.5 | <2.8 | 3.5 | NA | 2.86 |
| | 1/20/2005 | <4.1 | <0.88 | 12.2 | <2.8 | <2.7 | NA | 3.12 |
| | 4/13/2005 | <1.7 | <0.40 | 9.1 | <2.4 | 2.9 | NA | <0.023 |
| | 7/12/2005 | <1.7 | 0.48 | ***37.2*** | <2.4 | 4.4 | NA | <0.023 |
| | 1/10/2006 | NA | <0.40 | 12.9 | NA | 5.2 | NA | NA |
| | 7/27/2006 | NA | ***0.63*** | ***39.2*** | NA | 16 | NA | NA |
| ES | -- | 100 | 5 | 100 | 15 | 1300 | 2500 | 0.3 |
| PAL | -- | 10 | 0.5 | 20 | 1.5 | 130 | 5000 | 0.15 |

** = Cooling well samples were collected after the well pump, but inside the building before the cooling : ug/L = Micrograms per liter

*** = See laboratory analytical report for qualifier

PAL = Preventive Action Limit

ES = Enforcement Standard

The 8/14/91 samples were unfiltered and were analyzed for total metals; subsequent rounds were filtered and analyzed for dissolved metals.

***0.00*** = These results are equal to or exceed Wisconsin Administrative Code NR 140 ground water standard Preventive Action Limits

0.00 = These results are equal to or exceed Wisconsin Administrative Code NR 140 ground water standard Enforcement Standards

# TABLE 2 (cont.)
# GROUND WATER ANALYTICAL RESULTS
# PHILLIPS PLASTICS MEDFORD

| Well Location | Sample Date | Chromium (ug/L) | Cadmium (ug/L) | Nickel (ug/L) | Lead (ug/L) | Copper (ug/L) | Zinc (ug/L) | Iron (mg/L) |
|---|---|---|---|---|---|---|---|---|
| MW-2 | 8/14/1991 | ***51*** | NA | 790 | No Detections | ***240*** | NA | NA |
| | 10/28/1991 | <5 | NA | 810 | <5 | <50 | NA | NA |
| | 8/24/1995 | 2.0 | ***0.75*** | 12200 | 1.0 | 5760 | NA | NA |
| | 3/7/1996 | <1.0 | 0.38 | 930 | <1.0 | ***240*** | NA | NA |
| Duplicate | 3/7/1996 | <1.0 | 0.38 | 940 | <1.0 | ***240*** | NA | NA |
| | 6/4/1996 | 1.0 | ***0.96*** | 22200 | NA | 9320 | NA | NA |
| | 9/11/1996 | <1 | <0.10 | 1320 | NA | ***790*** | 55 | NA |
| Split Sample | 9/11/1996 | <2 | <0.50 | 1300 | NA | ***840*** | 58 | NA |
| | 11/4/1999 | <1 | ***0.9*** | 8170 | <1 | 2580 | NA | <0.020 |
| | 4/13/2000 | 2.4 | ***3.2*** | 26900 | <1.2 | 9900 | NA | <0.0124 |
| | 7/21/2000 | 4.3 | ***4.8*** | 23600 | <1.2 | 9280 | NA | <0.0124 |
| | 10/25/2000 | 4.0 | ***1.6*** | 10600 | <1.2 | 4730 | NA | <0.012 |
| | 1/24/2001 | 1.9 | ***0.73*** | 4500 | <1.2 | 1990 | NA | <0.012 |
| | 8/21/2001 | 3.6 | ***3.7*** | 17200 | <1.4 | 6770 | NA | <0.042 |
| | 2/19/2002 | 2.9 | ***2.2*** | 5330 | <1.4 | 1870 | NA | <0.042 |
| | 5/14/2002 | 5.6 | 5 | 25200 | ***3.9*** | 11400 | NA | <0.042 |
| | 8/15/2002 | 5.0 | ***1.4*** | 6440 | <1.1 | 2800 | NA | <0.042 |
| | 8/13/2003 | 3.1 | ***0.55*** | 3380 | <2.8 | ***1270*** | NA | <0.032 |
| | 11/18/2003 | 1.2 | ***0.75*** | 1510 | <2.8 | ***344*** | NA | <0.032 |
| | 2/23/2004 | <4.1 | <0.88 | 3070 | <2.8 | ***992*** | NA | <0.067 |
| | 7/13/2004 | 4.7 | ***1.9*** | 7120 | <2.8 | 2650 | NA | <0.067 |
| | 10/15/2004 | <4.1 | <0.88 | 3390 | <2.8 | ***898*** | NA | <0.067 |
| | 1/20/2005 | <4.1 | <0.88 | 4060 | <2.8 | ***1230*** | NA | <0.067 |
| | 4/14/2005 | 2.7 | ***3.0*** | 11300 | <2.4 | 2860 | NA | <0.023 |
| | 7/13/2005 | 2.5 | ***3.2*** | 11200 | <2.4 | 4000 | NA | 0.035 |
| | 1/11/2006 | NA | 0.40*** | 3040 | NA | 1650 | NA | NA |
| | 7/28/2006 | NA | <0.40 | 588 | NA | ***158*** | NA | NA |
| ES | -- | 100 | 5 | 100 | 15 | 1300 | 2500 | 0.3 |
| PAL | -- | 10 | 0.5 | 20 | 1.5 | 130 | 5000 | 0.15 |

* = Laboratory background contamination

NA = Not analyzed

** = Cooling well samples were collected after the well pump, but inside the building before the cooling

ug/L = Micrograms per liter

*** = See laboratory analytical report for qualifier

PAL = Preventive Action Limit

ES = Enforcement Standard

The 8/14/91 samples were unfiltered and were analyzed for total metals; subsequent rounds were filtered and analyzed for dissolved metals.

***0.00*** = These results are equal to or exceed Wisconsin Administrative Code NR 140 ground water standard Preventive Action Limits

0.00 = These results are equal to or exceed Wisconsin Administrative Code NR 140 ground water standard Enforcement Standards

# TABLE 2 (cont.)
# GROUND WATER ANALYTICAL RESULTS
# PHILLIPS PLASTICS MEDFORD

| Well Location | Sample Date | Chromium (ug/L) | Cadmium (ug/L) | Nickel (ug/L) | Lead (ug/L) | Copper (ug/L) | Zinc (ug/L) | Iron (mg/L) |
|---|---|---|---|---|---|---|---|---|
| MW-3 | 8/14/1991 | ***68*** | NA | 5200 | No Detections | 2100 | NA | NA |
| | 10/28/1991 | <5.0 | NA | 4200 | <5.0 | <50 | NA | NA |
| | 8/24/1995 | 2.0 | 0.22 | 3620 | <1.0 | ***1000*** | NA | NA |
| Duplicate | 8/24/1995 | 2.0 | 0.21 | 3600 | 1.0 | ***1000*** | NA | NA |
| | 3/7/1996 | <1.0 | ***1.33*** | 16100 | <1.0 | 4790 | NA | NA |
| | 6/4/1996 | 1.0 | 0.46 | 12500 | NA | 3890 | NA | NA |
| | 9/11/1996 | <1 | 0.13 | 3830 | NA | ***840*** | 58 | NA |
| Split Sample | 9/11/1996 | <2 | <0.50 | 4000 | NA | ***900*** | 67 | NA |
| | 11/4/1999 | 3.0 | ***0.5****** | 3370 | <1 | 1570 | NA | 0.5*** |
| Duplicate | 11/4/1999 | 3*** | 0.4*** | 3350 | <1 | 1580 | NA | 0.039*** |
| | 4/13/2000 | 2.1 | ***0.93*** | 8870 | <1.2 | 4030 | NA | <0.0124 |
| Duplicate | 4/13/2000 | 2.4 | ***0.89*** | 8710 | <1.2 | 3890 | NA | <0.0124 |
| | 7/21/2000 | 2.6 | ***0.96*** | 9200 | <1.2 | 4690 | NA | <0.0124 |
| | 10/25/2000 | 3.0 | ***0.68*** | 5470 | <1.2 | 2670 | NA | 0.0591 |
| | 1/24/2001 | 1.7 | <0.19 | 2750 | <1.2 | ***1030*** | NA | <0.012 |
| | 8/21/2001 | 2.3 | 0.49 | 4710 | <1.4 | ***1290*** | NA | <0.042 |
| | 2/19/2002 | 2.1 | ***1.1*** | 1490 | <1.4 | ***297*** | NA | <0.042 |
| | 5/14/2002 | 3.7 | ***0.97*** | 4820 | <1.4 | 1480 | NA | <0.042 |
| | 8/15/2002 | 4.1 | <0.42 | 2500 | <1.1 | ***871*** | NA | 0.0481 |
| | 8/13/2003 | 4.3 | ***0.62*** | 1870 | <2.8 | ***883*** | NA | 0.082 |
| | 11/18/2003 | 3.8 | <0.39 | 652 | <2.8 | ***252*** | NA | 0.113 |
| | 2/23/2004 | <4.1 | <0.88 | 4410 | <2.8 | ***705*** | NA | <0.067 |
| Duplicate | 2/23/2004 | <4.1 | <0.88 | 4320 | <2.8 | ***637*** | NA | <0.067 |
| | 7/13/2004 | <4.1 | ***1.4*** | 4010 | <2.8 | 2390 | NA | <0.067 |
| | 10/15/2004 | <4.1 | <0.88 | 3450 | <2.8 | 2650 | NA | <0.067 |
| | 1/20/2005 | <4.1 | <0.88 | 3130 | <2.8 | ***1150*** | NA | <0.067 |
| | 4/14/2005 | 2.4 | ***1.3*** | 5110 | <2.4 | 1720 | NA | <0.023 |
| | 7/13/2005 | <1.7 | ***0.76*** | 2990 | <2.4 | 1500 | NA | 0.069 |
| | 1/11/2006 | NA | <0.40 | 1440 | NA | ***409*** | NA | NA |
| | 7/28/2006 | NA | <0.40 | 443 | NA | 123 | NA | NA |
| ES | -- | 100 | 5 | 100 | 15 | 1300 | 2500 | 0.3 |
| PAL | -- | 10 | 0.5 | 20 | 1.5 | 130 | 5000 | 0.15 |

* = Laboratory background contamination

** = Cooling well samples were collected after the well pump, but inside the building before the cooling

*** = See laboratory analytical report for qualifier

NA = Not analyzed

ug/L = Micrograms per liter

PAL = Preventive Action Limit

ES = Enforcement Standard

The 8/14/91 samples were unfiltered and were analyzed for total metals; subsequent rounds were filtered and analyzed for dissolved metals.

***0.00*** = These results are equal to or exceed Wisconsin Administrative Code NR 140 ground water standard Preventive Action Limits

0.00 = These results are equal to or exceed Wisconsin Administrative Code NR 140 ground water standard Enforcement Standards

# TABLE 2 (cont.)
# GROUND WATER ANALYTICAL RESULTS
# PHILLIPS PLASTICS MEDFORD

| Well Location | Sample Date | Chromium (ug/L) | Cadmium (ug/L) | Nickel (ug/L) | Lead (ug/L) | Copper (ug/L) | Zinc (ug/L) | Iron (mg/L) |
|---|---|---|---|---|---|---|---|---|
| MW-4 | 8/14/1991 | ***85*** | NA | ***55*** | No Detections | 79 | NA | NA |
| | 10/28/1991 | <5.0 | NA | ***35*** | <5.0 | <5.0 | NA | NA |
| | 8/24/1995 | <1.0 | 0.13 | ***40*** | 1.0 | <10 | NA | NA |
| | 3/7/1996 | 2 | 0.3 | ***50*** | <1.0 | <10 | NA | NA |
| | 6/4/1996 | <1 | <0.10 | ***70*** | NA | <10 | NA | NA |
| | 9/11/1996 | <1 | 0.43 | ***20*** | NA | <10 | 7 | NA |
| Duplicate | 9/11/1996 | <1 | 0.44 | ***20*** | NA | <10 | 7 | NA |
| | 11/4/1999 | <1 | <0.2 | ***42*** | <1 | 1*** | NA | 3.81 |
| | 4/13/2000 | <1.1 | <0.19 | 14.3 | <1.2 | <1.3 | NA | 5.09 |
| | 7/21/2000 | 6.5 | <0.19 | ***36.3*** | <1.2 | <1.3 | NA | 27.4 |
| | 10/25/2000 | 5.4 | <0.19 | ***28.1*** | <1.2 | <1.3 | NA | 18.9 |
| | 1/24/2001 | 3.9 | 0.28 | ***27.1*** | <1.2 | <1.3 | NA | 9.73 |
| | 8/21/2001 | 0.89 | <0.42 | 11.6 | <1.4 | <2.9 | NA | 4.46 |
| | 2/19/2002 | 1.7 | <0.42 | ***21.4*** | <1.4 | <2.9 | NA | 5.53 |
| | 5/14/2002 | 0.9 | <0.42 | <5.0 | <1.4 | <2.9 | NA | 5.3 |
| | 8/14/2002 | 1.2 | <0.42 | 5.7 | <1.1 | <2.9 | NA | 3.14 |
| | 8/13/2003 | <0.99 | <0.39 | 8.7 | <2.8 | <3.3 | NA | 3.12 |
| | 11/18/2003 | <0.99 | ***0.57*** | <5.3 | <2.8 | 12.7 | NA | 2.04 |
| | 2/18/2004 | <4.1 | <0.88 | <9.0 | <2.8 | 4.2 | NA | 6.51 |
| | 7/13/2004 | <4.1 | <0.88 | <9.0 | <2.8 | 10.1 | NA | 1.78 |
| | 10/15/2004 | <4.1 | <0.88 | <9.0 | <2.8 | <2.7 | NA | 2.55 |
| | 1/20/2005 | <4.1 | <0.88 | <9.0 | <2.8 | <2.7 | NA | 2.19 |
| | 4/14/2005 | <1.7 | <0.40 | <6.0 | <2.4 | <2.8 | NA | 1.6 |
| | 7/13/2005 | <1.7 | <0.40 | <6.0 | <2.4 | <2.8 | NA | 2.2 |
| | 1/11/2006 | NA | <0.40 | <6.0 | NA | <2.8 | NA | NA |
| | 7/28/2006 | NA | <0.40 | <5.0 | NA | <1.3 | NA | NA |
| ES | – | 100 | 5 | 100 | 15 | 1300 | 2500 | 0.3 |
| PAL | – | 10 | 0.5 | 20 | 1.5 | 130 | 5000 | 0.15 |

* = Laboratory background contamination

NA = Not analyzed

** = Cooling well samples were collected after the well pump, but inside the building before the cooling : ug/L = Micrograms per liter

*** = See laboratory analytical report for qualifier

PAL = Preventive Action Limit

ES = Enforcement Standard

The 8/14/91 samples were unfiltered and were analyzed for total metals; subsequent rounds were filtered and analyzed for dissolved metals.

***0.00*** = These results are equal to or exceed Wisconsin Administrative Code NR 140 ground water standard Preventive Action Limits

0.00 = These results are equal to or exceed Wisconsin Administrative Code NR 140 ground water standard Enforcement Standards

# TABLE 2 (cont.)
# GROUND WATER ANALYTICAL RESULTS
# PHILLIPS PLASTICS MEDFORD

| Well Location | Sample Date | Chromium (ug/L) | Cadmium (ug/L) | Nickel (ug/L) | Lead (ug/L) | Copper (ug/L) | Zinc (ug/L) | Iron (mg/L) |
|---|---|---|---|---|---|---|---|---|
| | 3/6/1996 | 1 | 0.25 | <10 | <1.0 | <10 | NA | NA |
| MW-5 | 6/4/1996 | <1 | <0.10 | ***20*** | NA | <10 | NA | NA |
| | 9/11/1996 | <1 | 0.17 | <10 | NA | <10 | 13 | NA |
| | 11/4/1999 | <1 | <0.2 | ***30*** | <1 | 2*** | NA | 22.3 |
| | 4/13/2000 | 8.1 | <0.19 | ***39.4*** | <1.2 | 4.8 | NA | 47.2 |
| | 7/21/2000 | 7.5 | ***0.73*** | ***57.5*** | <1.2 | 7 | NA | 41.6 |
| Duplicate | 7/21/2000 | 7.5 | ***0.84*** | ***65.1*** | <1.2 | 10.3 | NA | 41.2 |
| | 10/25/2000 | 4.1 | 0.26 | ***62.4*** | <1.2 | 5.4 | NA | 23.2 |
| | 1/24/2001 | 3.9 | 0.28 | ***27.1*** | <1.2 | <1.3 | NA | 9.73 |
| Duplicate | 1/24/2001 | NA | NA | NA | NA | NA | NA | NA |
| | 8/21/2001 | <0.61 | 6.5 | ***91*** | <1.4 | 10.3 | NA | 27 |
| | 2/19/2002 | <0.61 | ***4.2*** | ***89.2*** | <1.4 | 5.3 | NA | 30.2 |
| | 5/14/2002 | <0.61 | ***2.9*** | ***58.9*** | <1.4 | 4.7 | NA | 29.8 |
| | 8/14/2002 | <0.61 | ***4.7*** | ***58.9*** | <1.1 | 11.3 | NA | 112 |
| | 8/13/2003 | <0.99 | ***2.3*** | ***65.4*** | ***2.9*** | 6.1 | NA | 94.9 |
| | 11/18/2003 | <0.99 | 7.0 | 129 | ***5.8*** | 46.3 | NA | 58.2 |
| Duplicate | 11/18/2003 | <0.99 | 7.0 | 131 | ***7.0*** | 50.3 | NA | 58.8 |
| | 2/23/2004 | <4.1 | 5.3 | ***61*** | <2.8 | 51.9 | NA | 56.0 |
| | 7/13/2004 | 6.4 | 7.4 | 104 | <2.8 | 114 | NA | 66.3 |
| Duplicate | 7/13/2004 | 5.8 | 7.1 | 104 | <2.8 | 120 | NA | 66.2 |
| | 10/15/2004 | <4.1 | 9.8 | 155 | <2.8 | 13.6 | NA | 33.0 |
| Duplicate | 10/15/2004 | <4.1 | 9.7 | 151 | <2.8 | 13.9 | NA | 31.7 |
| | 1/20/2005 | <4.1 | ***3.0*** | ***66.2*** | <2.8 | <2.7 | NA | 5.26 |
| | 4/14/2005 | <1.7 | ***2.4*** | ***72.4*** | <2.4 | 8.3 | NA | 42.3 |
| | 7/13/2005 | <1.7 | ***4.9*** | ***91.8*** | <2.4 | 16.4 | NA | 68.4 |
| | 1/11/2006 | NA | 5.1 | ***83.6*** | <1.5 | 9.4 | NA | NA |
| Duplicate | 1/11/2006 | NA | 5.2 | ***79.3*** | <1.5 | 10.5 | NA | NA |
| | 7/28/2006 | NA | 7.0 | ***91.9*** | <0.60 | 7.4 | NA | NA |
| Duplicate | 7/28/2006 | NA | 6.6 | ***88.3*** | <0.60 | 16 | NA | NA |
| ES | -- | 100 | 5 | 100 | 15 | 1300 | 2500 | 0.3 |
| PAL | -- | 10 | 0.5 | 20 | 1.5 | 130 | 5000 | 0.15 |

* = Laboratory background contamination

NA = Not analyzed

** = Cooling well samples were collected after the well pump, but inside the building before the cooling

ug/L = Micrograms per liter

*** = See laboratory analytical report for qualifier

PAL = Preventive Action Limit

ES = Enforcement Standard

The 8/14/91 samples were unfiltered and were analyzed for total metals; subsequent rounds were filtered and analyzed for dissolved metals.

***0.00*** = These results are equal to or exceed Wisconsin Administrative Code NR 140 ground water standard Preventive Action Limits

0.00 = These results are equal to or exceed Wisconsin Administrative Code NR 140 ground water standard Enforcement Standards

# TABLE 2 (cont.)
# GROUND WATER ANALYTICAL RESULTS
# PHILLIPS PLASTICS MEDFORD

| Well Location | Sample Date | Chromium (ug/L) | Cadmium (ug/L) | Nickel (ug/L) | Lead (ug/L) | Copper (ug/L) | Zinc (ug/L) | Iron (mg/L) |
|---|---|---|---|---|---|---|---|---|
| | 3/6/1996 | <1.0 | 0.19 | <10 | <1.0 | <10 | NA | NA |
| MW-6 | 6/4/1996 | <1 | <0.10 | <1 | NA | <10 | NA | NA |
| | 9/11/1996 | <1 | <0.10 | <10 | NA | <10 | <5 | NA |
| | 11/4/1999 | <1 | <0.2 | 6*** | <1 | 1*** | NA | 0.025*** |
| | 4/13/2000 | <1.1 | <0.19 | <5.6 | <1.2 | <1.3 | NA | <0.0124 |
| | 7/21/2000 | <1.1 | <0.19 | <5.6 | <1.2 | <1.3 | NA | <0.0124 |
| | 10/25/2000 | <1.1 | <0.19 | <6 | <1.2 | <1.3 | NA | <0.012 |
| Duplicate | 10/25/2000 | <1.1 | <0.19 | <6 | <1.2 | 1.8 | NA | <0.012 |
| | 1/24/2001 | <1.1 | <0.19 | <6 | <1.2 | <1.3 | NA | 0.0398 |
| | 8/21/2001 | <0.61 | <0.42 | <5 | <1.4 | <2.9 | NA | <0.042 |
| Duplicate | 8/21/2001 | <0.61 | <0.42 | <5 | <1.4 | <2.9 | NA | <0.042 |
| | 2/19/2002 | 0.63 | <0.42 | <5 | <1.4 | <2.9 | NA | <0.042 |
| Duplicate | 2/19/2002 | <0.61 | <0.42 | 11.6 | <1.4 | <2.9 | NA | <0.042 |
| | 5/14/2002 | <0.61 | <0.42 | <5.0 | <1.4 | <2.9 | NA | <0.042 |
| Duplicate | 5/14/2002 | <0.61 | <0.42 | <5.0 | <1.4 | <2.9 | NA | <0.042 |
| | 8/14/2002 | <0.61 | <0.42 | <5.0 | <1.1 | <2.9 | NA | <0.042 |
| | 8/13/2003 | <0.99 | <0.39 | <5.3 | <2.8 | <3.3 | NA | <0.032 |
| | 11/18/2003 | <0.99 | <0.39 | 5.8 | <2.8 | 11.7 | NA | <0.032 |
| | 2/18/2004 | <4.1 | <0.88 | <9.0 | <2.8 | 7.5 | NA | <0.067 |
| | 7/12/2004 | <4.1 | <0.88 | <9.0 | <2.8 | 4.7 | NA | <0.067 |
| | 10/14/2004 | <4.1 | <0.88 | <9.0 | <2.8 | <2.7 | NA | <0.067 |
| | 1/19/2005 | <4.1 | <0.88 | <9.0 | <2.8 | <2.7 | NA | <0.067 |
| | 4/13/2005 | <1.7 | <0.40 | <6.0 | <2.4 | <2.8 | NA | <0.023 |
| | 7/12/2005 | <1.7 | <0.40 | <6.0 | <2.4 | <2.8 | NA | <0.023 |
| | 1/10/2006 | NA | <0.40 | <6.0 | NA | <2.8 | NA | NA |
| | 7/27/2006 | NA | <0.40 | 5.5 | NA | 6.1 | NA | NA |
| ES | – | 100 | 5 | 100 | 15 | 1300 | 2500 | 0.3 |
| PAL | – | 10 | 0.5 | 20 | 1.5 | 130 | 5000 | 0.15 |

* = Laboratory background contamination

NA = Not analyzed

** = Cooling well samples were collected after the well pump, but inside the building before the cooling : ug/L = Micrograms per liter

*** = See laboratory analytical report for qualifier

PAL = Preventive Action Limit

ES = Enforcement Standard

The 8/14/91 samples were unfiltered and were analyzed for total metals; subsequent rounds were filtered and analyzed for dissolved metals.

| | |
|---|---|
| ***0.00*** | = These results are equal to or exceed Wisconsin Administrative Code NR 140 ground water standard Preventive Action Limits |
| 0.00 | = These results are equal to or exceed Wisconsin Administrative Code NR 140 ground water standard Enforcement Standards |

# TABLE 2 (cont.)
# GROUND WATER ANALYTICAL RESULTS
# PHILLIPS PLASTICS MEDFORD

| Well Location | Sample Date | Chromium (ug/L) | Cadmium (ug/L) | Nickel (ug/L) | Lead (ug/L) | Copper (ug/L) | Zinc (ug/L) | Iron (mg/L) |
|---|---|---|---|---|---|---|---|---|
| MW-7 | 3/6/1996 | <1.0 | 0.15 | <10 | <1.0 | <10 | NA | NA |
| | 6/4/1996 | <1 | <0.10 | ***20*** | NA | <10 | NA | NA |
| | 9/11/1996 | <1 | <0.10 | <10 | NA | <10 | 8 | NA |
| | 11/4/1999 | <1 | 0.3*** | 9 | <1 | 2*** | NA | ***0.283*** |
| | 4/13/2000 | 1.2 | 0.25 | <5.6 | <1.2 | <1.3 | NA | ***0.241*** |
| | 7/21/2000 | 1.3 | <0.19 | <5.6 | <1.2 | <1.3 | NA | 0.0671 |
| | 10/25/2000 | 1.8 | <0.19 | <6 | <1.2 | <1.3 | NA | 0.366 |
| | 1/24/2001 | 2.3 | <0.19 | <6 | <1.2 | <1.3 | NA | ***0.227*** |
| | 8/21/2001 | 2.3 | <0.42 | 5.1 | <1.4 | <2.9 | NA | 0.379 |
| | 2/19/2002 | 1.2 | <0.42 | <5 | <1.4 | <2.9 | NA | 0.115 |
| | 5/14/2002 | 2.0 | <0.42 | <5.0 | <1.4 | <2.9 | NA | ***0.248*** |
| | 8/14/2002 | 3.6 | <0.42 | 6.8 | <1.1 | <2.9 | NA | <0.042 |
| | 8/13/2003 | 1.6 | <0.39 | <5.3 | <2.8 | <3.3 | NA | <0.061 |
| | 11/18/2003 | <0.99 | <0.39 | 6.3 | <2.8 | 17.3 | NA | 0.105 |
| | 2/18/2004 | <4.1 | <0.88 | <9.0 | <2.8 | 14.2 | NA | <0.067 |
| | 7/12/2004 | <4.1 | <0.88 | <9.0 | <2.8 | 14.8 | NA | <0.067 |
| | 10/14/2004 | <4.1 | <0.88 | <9.0 | <2.8 | <2.7 | NA | <0.067 |
| | 1/19/2005 | <4.1 | <0.88 | 14.1 | <2.8 | <2.7 | NA | <0.067 |
| | 4/14/2005 | 2.4 | <0.40 | <6.0 | <2.4 | <2.8 | NA | <0.023 |
| | 7/12/2005 | 2.3 | <0.40 | <6.0 | <2.4 | <2.8 | NA | <0.023 |
| | 1/11/2006 | NA | <0.40 | <6.0 | NA | <2.8 | NA | NA |
| | 7/27/2006 | NA | <0.40 | 7.9 | NA | <1.3 | NA | NA |
| MW-8 | 8/13/2003 | <0.99 | <0.39 | 9.1 | <2.8 | <3.3 | NA | 7.25 |
| | 11/18/2003 | <0.99 | <0.39 | 7.6 | <2.8 | 54 | NA | 3.59 |
| | 2/18/2004 | <4.1 | <0.88 | <9.0 | <2.8 | 26.5 | NA | 1.67 |
| | 7/13/2004 | <4.1 | <0.88 | 12.2 | <2.8 | 19.5 | NA | <0.067 |
| | 10/14/2004 | <4.1 | <0.88 | 10.9 | <2.8 | <2.7 | NA | <0.067 |
| | 1/19/2005 | <4.1 | <0.88 | <9.0 | <2.8 | <2.7 | NA | <0.067 |
| | 4/13/2005 | <1.7 | <0.40 | 9.1 | <2.4 | 5.6 | NA | <0.023 |
| | 7/12/2005 | <1.7 | <0.40 | <6.0 | <2.4 | <2.8 | NA | <0.023 |
| | 1/10/2006 | NA | <0.40 | <6.0 | NA | 3.4*** | NA | NA |
| | 7/27/2006 | NA | <0.40 | 6.5 | NA | 11.5 | NA | NA |
| ES | -- | 100 | 5 | 100 | 15 | 1300 | 2500 | 0.3 |
| PAL | -- | 10 | 0.5 | 20 | 1.5 | 130 | 5000 | 0.15 |

* = Laboratory background contamination

NA = Not analyzed

** = Cooling well samples were collected after the well pump, but inside the building before the cooling : ug/L = Micrograms per liter

*** = See laboratory analytical report for qualifier

PAL = Preventive Action Limit

ES = Enforcement Standard

The 8/14/91 samples were unfiltered and were analyzed for total metals; subsequent rounds were filtered and analyzed for dissolved metals.

| | |
|---|---|
| ***0.00*** | = These results are equal to or exceed Wisconsin Administrative Code NR 140 ground water standard Preventive Action Limits |
| 0.00 | = These results are equal to or exceed Wisconsin Administrative Code NR 140 ground water standard Enforcement Standards |

# TABLE 2 (cont.)
# GROUND WATER ANALYTICAL RESULTS
# PHILLIPS PLASTICS MEDFORD

| Well Location | Sample Date | Chromium (ug/L) | Cadmium (ug/L) | Nickel (ug/L) | Lead (ug/L) | Copper (ug/L) | Zinc (ug/L) | Iron (mg/L) |
|---|---|---|---|---|---|---|---|---|
| MW-9 | 8/13/2003 | <0.99 | <0.39 | 10.7 | <2.8 | 3.5 | NA | 0.058 |
| | 11/18/2003 | <0.99 | <0.39 | 113 | <2.8 | 25.7 | NA | 0.069 |
| | 2/23/2004 | <4.1 | <0.88 | 194 | <2.8 | 7.3 | NA | <0.067 |
| | 7/13/2004 | <4.1 | <0.88 | <9.0 | <2.8 | 31.5 | NA | <0.067 |
| | 10/15/2004 | <4.1 | <0.88 | 14 | <2.8 | 7.3 | NA | 0.080 |
| | 1/20/2005 | <4.1 | <0.88 | 10.2 | <2.8 | <2.7 | NA | <0.067 |
| | 4/13/2005 | <1.7 | <0.40 | <6.0 | <2.4 | 4.0 | NA | <0.023 |
| | 7/12/2005 | <1.7 | <0.40 | <6.0 | <2.4 | 7.8 | NA | 0.025 |
| | 1/10/2006 | NA | <0.40 | <6.0 | NA | <2.8 | NA | NA |
| | 7/27/2006 | NA | <0.40 | 7.6 | NA | 14.9 | NA | NA |
| MW-10 Duplicate | 8/13/2003 | <0.99 | <0.39 | <5.3 | <2.8 | 12.4 | NA | ***0.218*** |
| | 8/13/2003 | <0.99 | 0.49 | <5.3 | <2.8 | 14.5 | NA | ***0.195*** |
| | 11/18/2003 | 1.1 | 0.40 | <5.3 | <2.8 | 32.8 | NA | 0.364 |
| | 2/18/2004 | <4.1 | <0.88 | <9.0 | <2.8 | 20.1 | NA | 3.71 |
| | 7/13/2004 | <4.1 | <0.88 | <9.0 | <2.8 | 11.2 | NA | <0.067 |
| | 10/14/2004 | <4.1 | <0.88 | <9.0 | <2.8 | 3.8 | NA | 0.127 |
| | 1/19/2005 | <4.1 | <0.88 | 9.3 | <2.8 | <2.7 | NA | <0.067 |
| | 4/13/2005 | <1.7 | <0.40 | <6.0 | <2.4 | <2.8 | NA | <0.023 |
| | 7/12/2005 | <1.7 | <0.40 | <6.0 | <2.4 | <2.8 | NA | 0.037 |
| | 1/10/2006 | NA | <0.40 | <6.0 | NA | <2.8 | NA | NA |
| | 7/27/2006 | NA | <0.40 | <5.0 | NA | 10.2 | NA | NA |
| ES | – | 100 | 5 | 100 | 15 | 1300 | 2500 | 0.3 |
| PAL | – | 10 | 0.5 | 20 | 1.5 | 130 | 5000 | 0.15 |

* = Laboratory background contamination

NA = Not analyzed

** = Cooling well samples were collected after the well pump, but inside the building before the cooling

ug/L = Micrograms per liter

*** = See laboratory analytical report for qualifier

PAL = Preventive Action Limit

ES = Enforcement Standard

The 8/14/91 samples were unfiltered and were analyzed for total metals; subsequent rounds were filtered and analyzed for dissolved metals.

***0.00*** = These results are equal to or exceed Wisconsin Administrative Code NR 140 ground water standard Preventive Action Limits

**0.00** = These results are equal to or exceed Wisconsin Administrative Code NR 140 ground water standard Enforcement Standards

# TABLE 2 (cont.)
# GROUND WATER ANALYTICAL RESULTS
# PHILLIPS PLASTICS MEDFORD

| Well Location | Sample Date | Chromium (ug/L) | Cadmium (ug/L) | Nickel (ug/L) | Lead (ug/L) | Copper (ug/L) | Zinc (ug/L) | Iron (mg/L) |
|---|---|---|---|---|---|---|---|---|
| MW-11 | 7/13/2004 | <4.1 | <0.88 | <9.0 | <2.8 | 8.6 | NA | <0.067 |
| | 10/14/2004 | <4.1 | <0.88 | <9.0 | <2.8 | 2.8 | NA | <0.067 |
| | 1/19/2005 | <4.1 | <0.88 | <9.0 | <2.8 | <2.7 | NA | <0.067 |
| | 4/13/2005 | <1.7 | <0.40 | <6.0 | <2.4 | <2.8 | NA | <0.023 |
| | 7/12/2005 | <1.7 | <0.40 | <6.0 | <2.4 | 5.1 | NA | <0.023 |
| | 1/10/2006 | NA | <0.40 | <6.0 | NA | <2.8 | NA | NA |
| | 7/27/2006 | NA | <0.40 | <5.0 | NA | 10.9 | NA | NA |
| MW-12 | 7/13/2004 | <4.1 | <0.88 | <9.0 | <2.8 | 11.9 | NA | 0.068 |
| | 10/14/2004 | <4.1 | <0.88 | <9.0 | <2.8 | <2.7 | NA | <0.067 |
| | 1/19/2005 | <4.1 | <0.88 | 11.3 | <2.8 | <2.7 | NA | <0.067 |
| | 4/13/2005 | <1.7 | <0.40 | <6.0 | <2.4 | <2.8 | NA | <0.023 |
| | 7/12/2005 | <1.7 | <0.40 | <6.0 | <2.4 | <2.8 | NA | <0.023 |
| | 1/10/2006 | NA | <0.40 | <6.0 | NA | <2.8 | NA | NA |
| | 7/27/2006 | NA | <0.40 | <5.0 | NA | 11.6 | NA | NA |
| MW-13 | 7/13/2004 | <4.1 | <0.88 | <9.0 | <2.8 | 16.6 | NA | 0.144 |
| | 10/14/2004 | <4.1 | <0.88 | 12.9 | <2.8 | 4.7 | NA | <0.067 |
| | 1/19/2005 | <4.1 | <0.88 | <9.0 | <2.8 | 3.0 | NA | <0.067 |
| | 4/13/2005 | <1.7 | <0.40 | 8.1 | <2.4 | 4.3 | NA | <0.023 |
| | 7/12/2005 | <1.7 | <0.40 | <6.0 | <2.4 | <2.8 | NA | 0.030 |
| | 1/10/2006 | NA | <0.40 | <6.0 | NA | 7.2 | NA | NA |
| | 7/27/2006 | NA | <0.40 | <5.0 | NA | 16.2 | NA | NA |
| Cooling Well 1** | 3/6/1996 | 3 | 0.18 | 120 | ***10.0*** | 20 | NA | NA |
| | 6/4/1996 | <1 | <0.10 | 160 | NA | 20 | NA | NA |
| | 9/11/1996 | <1 | <0.10 | 100 | NA | 20 | 30 | NA |
| | 2/20/2002 | <0.61 | <0.42 | 223 | <1.4 | <2.9 | NA | 19.9 |
| | 5/14/2002 | <0.61 | <0.42 | 131 | <1.4 | 6.8 | NA | 22.9 |
| | 8/15/2002 | <0.61 | ***0.54*** | 106 | <1.1 | <2.9 | NA | 37.4 |
| | 8/13/2003 | <0.99 | <0.39 | 175 | <2.8 | <3.3 | NA | 11.4 |
| | 11/18/2003 | <0.99 | <0.39 | 146 | <2.8 | 19.9 | NA | 2.49 |
| | 2/23/2004 | <4.1 | <0.88 | <9.0 | <2.8 | 7.1 | NA | 11.9 |
| | 7/13/2004 | <4.1 | <0.88 | <9.0 | <2.8 | 8.5 | NA | 15.8 |
| | 10/15/2004 | <4.1 | <0.88 | ***60.1*** | <2.8 | <2.7 | NA | 23.8 |
| | 1/20/2005 | <4.1 | <0.88 | <9.0 | <2.8 | <2.7 | NA | 26.3 |
| Duplicate | 1/20/2005 | <4.1 | <0.88 | <9.0 | <2.8 | <2.7 | NA | 25.1 |
| | 4/14/2005 | <1.7 | <0.40 | <6.0 | <2.4 | <2.8 | NA | 37.5 |
| | 7/13/2005 | <1.7 | <0.40 | <6.0 | <2.4 | <2.8 | NA | 50.9 |
| | 1/11/2006 | NA | <0.40 | <6.0 | NA | <2.8 | NA | NA |
| | 7/28/2006 | NA | <0.40 | ***20.3*** | NA | <1.3 | NA | NA |
| ES | -- | 100 | 5 | 100 | 15 | 1300 | 2500 | 0.3 |
| PAL | -- | 10 | 0.5 | 20 | 1.5 | 130 | 5000 | 0.15 |

* = Laboratory background contamination

NA = Not analyzed

** = Cooling well samples were collected after the well pump, but inside the building before the cooling

ug/L = Micrograms per liter

*** = See laboratory analytical report for qualifier

PAL = Preventive Action Limit

ES = Enforcement Standard

The 8/14/91 samples were unfiltered and were analyzed for total metals; subsequent rounds were filtered and analyzed for dissolved metals.

| | |
|---|---|
| ***0.00*** | = These results are equal to or exceed Wisconsin Administrative Code NR 140 ground water standard Preventive Action Limits |
| 0.00 | = These results are equal to or exceed Wisconsin Administrative Code NR 140 ground water standard Enforcement Standards |

# TABLE 2 (cont.)
# GROUND WATER ANALYTICAL RESULTS
# PHILLIPS PLASTICS MEDFORD

| Well Location | Sample Date | Chromium (ug/L) | Cadmium (ug/L) | Nickel (ug/L) | Lead (ug/L) | Copper (ug/L) | Zinc (ug/L) | Iron (mg/L) |
|---|---|---|---|---|---|---|---|---|
| Cooling Well 2** | 3/6/1996 | 2 | 0.2 | ***70*** | ***2.0*** | ***190*** | NA | NA |
| | 6/4/1996 | 2 | <0.10 | ***80*** | NA | ***150*** | NA | NA |
| | 9/11/1996 | 2 | <0.10 | ***50*** | NA | 120 | <5 | NA |
| | 2/20/2002 | <0.61 | <0.42 | 17.9 | <1.4 | <2.9 | NA | 1.62 |
| | 5/14/2002 | <0.61 | 0.49 | 10.9 | <1.4 | 8.1 | NA | 6.62 |
| | 8/15/2002 | <0.61 | <0.42 | 14.8 | <1.1 | <2.9 | NA | 2 |
| | 8/13/2003 | <0.99 | <0.39 | 9.9 | <2.8 | 6.5 | NA | 0.994 |
| | 11/18/2003 | <0.99 | <0.39 | 8.0 | <2.8 | 19.9 | NA | 2.49 |
| | 2/23/2004 | <4.1 | <0.88 | <9.0 | <2.8 | 16.5 | NA | 7.92 |
| | 7/13/2004 | <4.1 | <0.88 | <9.0 | <2.8 | 32.8 | NA | 24.6 |
| | 10/14/2004 | <4.1 | <0.88 | 9.5 | <2.8 | <2.7 | NA | 1.75 |
| | 1/20/2005 | <4.1 | <0.88 | 10.5 | <2.8 | <2.7 | NA | 17.1 |
| | 4/14/2005 | <1.7 | <0.40 | 6.3 | <2.4 | 4.9 | NA | 19.8 |
| | 7/13/2005 | <1.7 | <0.40 | 6.1 | <2.4 | 3.8 | NA | 17.4 |
| | 1/11/2006 | NA | <0.40 | <6.0 | NA | <2.8 | NA | NA |
| | 7/27/2006 | NA | <0.40 | 11.1 | NA | 23.3 | NA | NA |
| ES | – | 100 | 5 | 100 | 15 | 1300 | 2500 | 0.3 |
| PAL | – | 10 | 0.5 | 20 | 1.5 | 130 | 5000 | 0.15 |

* = Laboratory background contamination

NA = Not analyzed

** = Cooling well samples were collected after the well pump, but inside the building before the cooling

: ug/L = Micrograms per liter

*** = See laboratory analytical report for qualifier

PAL = Preventive Action Limit

ES = Enforcement Standard

The 8/14/91 samples were unfiltered and were analyzed for total metals; subsequent rounds were filtered and analyzed for dissolved metals.

| | |
|---|---|
| ***0.00*** | = These results are equal to or exceed Wisconsin Administrative Code NR 140 ground water standard Preventive Action Limits |
| 0.00 | = These results are equal to or exceed Wisconsin Administrative Code NR 140 ground water standard Enforcement Standards |

# TABLE 1
# SOIL ANALYTICAL RESULTS
# PHILLIPS PLASTICS PRECISION DECORATING FACILITY

| Sample Date | Boring No. | Ayres Sample No. | Sample Depth (feet) | FID Response I.U. (Field) | TPH as Fuel Oil (mg/kg) | pH | VOC (mg/kg) | CADMIUM (mg/kg) | CHROMIUM (mg/kg) | COPPER (mg/kg) | CYANIDE (mg/kg) | LEAD (mg/kg) | NICKEL (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1/30/96 | B-1 | S-1 | 2-4 | 0 | | | | | | | | | |
| | | S-2 | 4-5.3 | 0 | | | <0.025 | <0.276 | 44.7 | 208 | <0.262 | 4.42 | 162 |
| 1/30/96 | B-2 | S-1 | 2-4 | - | | | | | | | | | |
| | | S-2 | 4-5.3 | - | | | | | | | | | |
| 2/6/1996 | B-3 | S-1 | 2-4 | 180 | | | <0.025 | | | | | | |
| | | S-2 | 4-6 | 0.8 | | | | | | | | | |
| | | S-3 | 6-8 | 0.8 | | | | <0.326 | 15.6 | 15 | <0.295 | 6.52 | 24.1 |
| | | S-4 | 8-10 | 0.6 | | | <0.025 | <0.336 | 18.8 | 10.1 | 0.308 | 10.8 | 15.5 |
| | | S-5 | 10-12 | 3 | | | | | | | | | |
| | | S-6 | 12-14 | 0.6 | | | | | | | | | |
| | | S-7 | 14-16 | 2 | | | | | | | | | |
| | | S-8 | 16-18 | 3 | | | | | | | | | |
| | | S-9 | 18-20 | 10 | | | | | | | | | |
| | | S-10 | 20-22 | 10 | | | | | | | | | |
| | | S-11 | 22-24 | 40 | | | | | | | | | |
| | | S-12 | 24-26 | 85 | | | <0.025 | <0.320 | 15.4 | 85.9 | 0.526 | <1.28 | 36.5 |
| | | S-13 | 26-28 | 1 | | | | | | | | | |
| NR 720 Residual Contaminant Levels for Industrial Land Use | | | | | | | | 510 | 200 | -- | -- | 500 | -- |
| Mean Heavy Metal Content of Major Rock Types (granite/sandstone) (1) | | | | | | | | 0.09/0.05 | 4/35 | 13/30 | -- | 24/10 | 0.5/9 |
| Average Composition of Igneous and Sedimentary Rocks (granite/sandstone) (2) | | | | | | | | 0.19/0.020 | 198/120 | 97/15 | -- | 16/14 | 94/2.6 |
| Range for Metals in Agricultural Soils (3) | | | | | | | | 0.05-0.2 | -- | 3-40 | -- | 0.1-5.0 | 0.01-1.0 |
| Common Range for Metals in Natural Soils (4) | | | | | | | | 0.01-0.7 | 1-1000 | 2-100 | -- | 2-200 | 5-500 |

**ABBREVIATIONS AND ACRONYMS**

VOC = Volatile organic compounds
mg/kg = Milligrams per kilogram
ND = No detection

**DESIGNATIONS**

Blank boxes in table represent samples that were not analyzed.
< = Not detected at or above this value
- = No data
-- = No standard or data available

**REFERENCES**


(1) Alloway, B.J., ed. 1993, *Heavy Metals in Soils*. Glasgow: Blackie Academic & Professional.
(2) Hem, John D., Third Edition. 1986, *Study and Interpretation of the Chemical Characteristics of Natural Water*. USGS Water Supply Paper 2254.
(3) Wisconsin Department of Natural Resources, 1975, *Guidelines for the Application of Wastewater Sludge to Agricultural Land in Wisconsin*. Technical Bulletin No. 88.
(4) US Environmental Protection Agency, 1983, Office of Solid Waste and Emergency Response, Hazardous Waste Land Treatment Publication SW-874, April 1983, p. 273, Table 6.46.

# TABLE 1 (Cont.)
# SOIL ANALYTICAL RESULTS
# PHILLIPS PLASTICS PRECISION DECORATING FACILITY

| Sample Date | Boring No. | Ayres Sample No. | Sample Depth (feet) | FID Response I.U. (Field) | TPH as Fuel Oil (mg/kg) | pH | VOC (mg/kg) | CADMIUM (mg/kg) | CHROMIUM (mg/kg) | COPPER (mg/kg) | CYANIDE (mg/kg) | LEAD (mg/kg) | NICKEL (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2/6/1996 | B-4 | S-1 | 2-4 | 0.6 | | | | | | | | | |
| | | S-2 | 4-6 | 8 | | | <0.025 | | | | | | |
| | | S-3 | 6-8 | - | | | | | | | | | |
| | | S-4 | 8-10 | - | | | | | | | | | |
| | | S-5 | 10-12 | 2 | | | | <0.271 | 16.8 | 47.7 | <0.185 | 1.08 | 22.2 |
| | | S-6 | 12-14 | 1.4 | | | | | | | | | |
| | | S-7 | 14-16 | 2 | | | | | | | | | |
| | | S-8 | 16-18 | 2.8 | | | <0.025 | | | | | | |
| | | S-9 | 18-20 | 2.6 | | | | | | | | | |
| | | S-10 | 20-22 | 2 | | | | | | | | | |
| | | S-11 | 22-24 | 2.6 | | | | | | | | | |
| | | S-12 | 24-26 | 2.6 | | | | <0.325 | 16.3 | 16.9 | <0.240 | <1.3 | 11.7 |
| 7/30/1991 | MW-1 | -- | 8-9 | 0 | | 5.63 | | | 12 | 7.6 | | 4.2 | 9.6 |
| | | -- | 10-12 | 0 | <2.0 | 6.91 | ND | | 10 | 9.5 | | ND | 9.6 |
| 7/30/1991 | MW-2 | -- | 5-7 | 0 | | 6.56 | | | 24 | 68 | | 6.5 | 110 |
| | | -- | 13-14 | 1 | <2.0 | 7.72 | ND | | 9.9 | 13 | | ND | 12 |
| 7/30/1991 | MW-3 | -- | 5-7 | 0 | | 6.23 | | | 10 | 5.9 | | 3.3 | 8.6 |
| | | -- | 15-17 | 0 | <2.0 | 5.82 | 4000 chloroform | | 11 | 140 | | ND | 95 |
| 7/30/1991 | MW-4 | -- | 5-7 | 0 | | 6.31 | | | 13 | 9.1 | | 5.3 | 14 |
| | | -- | 15-17 | 0 | <2.0 | 6.99 | ND | | 10 | 9.9 | | ND | 12 |
| NR 720 Residual Contaminant Levels for Industrial Land Use | | | | | | | | 510 | 200 | -- | -- | 500 | -- |
| Mean Heavy Metal Content of Major Rock Types (granite/sandstone) (1) | | | | | | | | 0.09/0.05 | 4/35 | 13/30 | -- | 24/10 | 0.5/9 |
| Average Composition of Igneous and Sedimentary Rocks (granite/sandstone) (2) | | | | | | | | 0.19/0.020 | 198/120 | 97/15 | -- | 16/14 | 94/2.6 |
| Range for Metals in Agricultural Soils (3) | | | | | | | | 0.05-0.2 | -- | 3-40 | -- | 0.1-5.0 | 0.01-1.0 |
| Common Range for Metals in Natural Soils (4) | | | | | | | | 0.01-0.7 | 1-1000 | 2-100 | -- | 2-200 | 5-500 |

**ABBREVIATIONS AND ACRONYMS**
VOC = Volatile organic compounds
mg/kg = Milligrams per kilogram
ND = No detection

**DESIGNATIONS**
Blank boxes in table represent samples that were not analyzed.
< = Not detected at or above this value
- = No data
-- = No standard or data available

**REFERENCES**

(1) Alloway, B.J., ed. 1993, *Heavy Metals in Soils*. Glasgow: Blackie Academic & Professional.
(2) Hem, John D., Third Edition. 1986, *Study and Interpretation of the Chemical Characteristics of Natural Water*. USGS Water Supply Paper 2254.
(3) Wisconsin Department of Natural Resources, 1975, *Guidelines for the Application of Wastewater Sludge to Agricultural Land in Wisconsin*. Technical Bulletin No. 88.
(4) US Environmental Protection Agency, 1983, Office of Solid Waste and Emergency Response, Hazardous Waste Land Treatment Publication SW-874, April 1983, p. 273, Table 6.46.

# TABLE 1 (Cont.)
# SOIL ANALYTICAL RESULTS
# PHILLIPS PLASTICS PRECISION DECORATING FACILITY

| Sample Date | Boring No. | Ayres Sample No. | Sample Depth (feet) | FID Response I.U. (Field) | TPH as Fuel Oil (mg/kg) | pH | VOC (mg/kg) | CADMIUM (mg/kg) | CHROMIUM (mg/kg) | COPPER (mg/kg) | CYANIDE (mg/kg) | LEAD (mg/kg) | NICKEL (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2/7/1996 | MW-5 | S-1 | 2-4 | 1.8 | | | | | | | | | |
| | | S-2 | 4-6 | 8 | | | | | | | | | |
| | | S-3 | 6-8 | 10 | | | <0.025 | <0.337 | 18.9 | 26.3 | <0.290 | 2.02 | 18.9 |
| | | S-4 | 8-10 | 2.2 | | | | <0.340 | 28.6 | 16.3 | <0.297 | 5.45 | 13.6 |
| | | S-5 | 10-12 | 1.5 | | | | | | | | | |
| | | S-6 | 12-14 | 0.6 | | | | | | | | | |
| | | S-7 | 14-16 | 0.6 | | | | | | | | | |
| | | S-8 | 16-18 | 1.8 | | | | | | | | | |
| | | S-9 | 18-20 | 2.4 | | | | | | | | | |
| | | S-10 | 20-22 | 3 | | | | | | | | | |
| | | S-11 | 22-24 | 2.4 | | | | | | | | | |
| | | S-12 | 24-26 | 3 | | | <0.025 | <0.264 | 28.6 | 16.3 | <0.179 | 1.06 | 11.6 |
| 2/7/1996 | MW-6 | S-1 | 2-4 | 2 | | | <0.025 | | | | | | |
| | | S-2 | 4-6 | 1.8 | | | | | | | | | |
| | | S-3 | 6-8 | - | | | | | | | | | |
| | | S-4 | 8-10 | 0.8 | | | <0.025 | <0.374 | 23.9 | 15.7 | <0.320 | 6.74 | 16.3 |
| | | S-5 | 10-12 | 0.4 | | | | | | | | | |
| | | S-6 | 12-14 | 0.6 | | | | | | | | | |
| | | S-7 | 14-16 | 0.6 | | | | | | | | | |
| | | S-8 | 16-18 | 0.2 | | | | | | | | | |
| | | S-9 | 18-20 | 0.4 | | | | | | | | | |
| | | S-10 | 20-22 | 0.3 | | | | | | | | | |
| | | S-11 | 22-24 | 0.2 | | | | <0.375 | 10.5 | 14.3 | <0.240 | <1.5 | 10.5 |
| | | S-12 | 24-26 | 0.4 | | | | | | | | | |
| NR 720 Residual Contaminant Levels for Industrial Land Use | | | | | | | | 510 | 200 | -- | -- | 500 | -- |
| Mean Heavy Metal Content of Major Rock Types (granite/sandstone) (1) | | | | | | | | 0.09/0.05 | 4/35 | 13/30 | -- | 24/10 | 0.5/9 |
| Average Composition of Igneous and Sedimentary Rocks (granite/sandstone) (2) | | | | | | | | 0.19/0.020 | 198/120 | 97/15 | -- | 16/14 | 94/2.6 |
| Range for Metals in Agricultural Soils (3) | | | | | | | | 0.05-0.2 | -- | 3-40 | -- | 0.1-5.0 | 0.01-1.0 |
| Common Range for Metals in Natural Soils (4) | | | | | | | | 0.01-0.7 | 1-1000 | 2-100 | -- | 2-200 | 5-500 |

**ABBREVIATIONS AND ACRONYMS**
VOC = Volatile organic compounds
mg/kg = Milligrams per kilogram
ND = No detection

**DESIGNATIONS**
Blank boxes in table represent samples that were not analyzed.
< = Not detected at or above this value
- = No data
-- = No standard or data available

**REFERENCES**

(1) Alloway, B.J., ed. 1993, *Heavy Metals in Soils*. Glasgow: Blackie Academic & Professional.
(2) Hem, John D., Third Edition. 1986, *Study and Interpretation of the Chemical Characteristics of Natural Water*. USGS Water Supply Paper 2254.
(3) Wisconsin Department of Natural Resources, 1975, *Guidelines for the Application of Wastewater Sludge to Agricultural Land in Wisconsin*. Technical Bulletin No. 88.
(4) US Environmental Protection Agency, 1983, Office of Solid Waste and Emergency Response, Hazardous Waste Land Treatment Publication SW-874, April 1983, p. 273, Table 6.46.

# TABLE 1 (Cont.)
# SOIL ANALYTICAL RESULTS
# PHILLIPS PLASTICS PRECISION DECORATING FACILITY

| Sample Date | Boring No. | Ayres Sample No. | Sample Depth (feet) | FID Response I.U. (Field) | TPH as Fuel Oil (mg/kg) | pH | VOC (mg/kg) | CADMIUM (mg/kg) | CHROMIUM (mg/kg) | COPPER (mg/kg) | CYANIDE (mg/kg) | LEAD (mg/kg) | NICKEL (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2/7/1996 | MW-7 | S-1 | 2-4 | 0.2 | | | | | | | | | |
| | | S-2 | 4-6 | 0.2 | | | | | | | | | |
| | | S-3 | 6-8 | 0.4 | | | <0.025 | <0.273 | 45.2 | 61.1 | <0.180 | 6.54 | 17.4 |
| | | S-4 | 8-10 | 0.5 | | | | 0.563 | 73.2 | 70.9 | <0.225 | 12.4 | 6.76 |
| | | S-5 | 10-12 | 0.5 | | | | | | | | | |
| | | S-6 | 12-14 | 0.5 | | | | | | | | | |
| | | S-7 | 14-16 | 0.5 | | | | | | | | | |
| | | S-8 | 16-18 | 0.5 | | | | | | | | | |
| | | S-9 | 18-20 | 0.8 | | | | | | | | | |
| | | S-10 | 20-22 | 0.8 | | | <0.025 | <0.308 | 21 | 17.9 | <0.193 | 4.32 | 11.7 |
| 7/30/2003 | MW-8 | S-1 | 0-1.5 | NR | | | | 0.2 | 20.2 | 18.3 | | 11.8 | 143 |
| | | S-2 | 2.5-4.5 | 1.0 | | | | | | | | | |
| | | S-3 | 5-7 | 5.0 | | | | | | | | | |
| | | S-4 | 7.5-9.5 | 7.0 | | | | | | | | | |
| | | S-5 | 10-12 | 5.0 | | | | | | | | | |
| | | S-6 | 12.5-14.5 | 10.0 | | | | <0.055 | 16.8 | 30.3 | | 3.6 | 30.2 |
| NR 720 Residual Contaminant Levels for Industrial Land Use | | | | | | | | 510 | 200 | -- | -- | 500 | -- |
| Mean Heavy Metal Content of Major Rock Types (granite/sandstone) (1) | | | | | | | | 0.09/0.05 | 4/35 | 13/30 | -- | 24/10 | 0.5/9 |
| Average Composition of Igneous and Sedimentary Rocks (granite/sandstone) (2) | | | | | | | | 0.19/0.020 | 198/120 | 97/15 | -- | 16/14 | 94/2.6 |
| Range for Metals in Agricultural Soils (3) | | | | | | | | 0.05-0.2 | -- | 3-40 | -- | 0.1-5.0 | 0.01-1.0 |
| Common Range for Metals in Natural Soils (4) | | | | | | | | 0.01-0.7 | 1-1000 | 2-100 | -- | 2-200 | 5-500 |

**ABBREVIATIONS AND ACRONYMS**

VOC = Volatile organic compounds
mg/kg = Milligrams per kilogram
ND = No detection

**DESIGNATIONS**

Blank boxes in table represent samples that were not analyzed.
< = Not detected at or above this value
- = No data
-- = No standard or data available

**REFERENCES**


(1) Alloway, B.J., ed. 1993, *Heavy Metals in Soils*. Glasgow: Blackie Academic & Professional.
(2) Hem, John D., Third Edition. 1986, *Study and Interpretation of the Chemical Characteristics of Natural Water*. USGS Water Supply Paper 2254.
(3) Wisconsin Department of Natural Resources, 1975, *Guidelines for the Application of Wastewater Sludge to Agricultural Land in Wisconsin*. Technical Bulletin No. 88.
(4) US Environmental Protection Agency, 1983, Office of Solid Waste and Emergency Response, Hazardous Waste Land Treatment Publication SW-874, April 1983, p. 273, Table 6.46.

# TABLE 1 (Cont.)
# SOIL ANALYTICAL RESULTS
# PHILLIPS PLASTICS PRECISION DECORATING FACILITY

| Sample Date | Boring No. | Ayres Sample No. | Sample Depth (feet) | FID Response I.U. (Field) | TPH as Fuel Oil (mg/kg) | pH | VOC (mg/kg) | CADMIUM (mg/kg) | CHROMIUM (mg/kg) | COPPER (mg/kg) | CYANIDE (mg/kg) | LEAD (mg/kg) | NICKEL (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7/30/2003 | MW-9 | S-1 | 0-1.5 | 5.0 | | | | <0.054 | 16.8 | 9.0 | | 8.8 | 12.6 |
| | | S-2 | 2.5-4.5 | 14.0 | | | | | | | | | |
| | | S-3 | 5-7 | 15.0 | | | | | | | | | |
| | | S-4 | 7.5-9.5 | 14.0 | | | | | | | | | |
| | | S-5 | 10-12 | 9 | | | | <0.060 | 15 | 18.4 | | 2.6 | 14.6 |
| | | S-6 | 12.5-14.5 | | | | | | | | | | |
| 7/30/2003 | MW-10 | S-1 | 0-1.5 | 1.0 | | | | 0.078 | 17.8 | 12.9 | | 10.5 | 13.6 |
| | | S-2 | 2.5-4.5 | 1.0 | | | | | | | | | |
| | | S-3 | 5-7 | 4.0 | | | | | | | | | |
| | | S-4 | 7.5-9.5 | 4.0 | | | | <0.057 | 22.1 | 39.3 | | 3.7 | 18.3 |
| | | S-5 | 10-12 | | | | | | | | | | |
| | | S-6 | 12.5-14.5 | | | | | | | | | | |
| 6/29/2004 | MW-11 | S-1 | 0-1.5 | | | | | <0.065 | 23.8 | 15.4 | | 9.2 | 13.4 |
| | | S-2 | 2.5-4.5 | | | | | | | | | | |
| | | S-3 | 5-7 | | | | | | | | | | |
| | | S-4 | 7.5-9.5 | | | | | | | | | | |
| | | S-5 | 10-12 | | | | | <0.047 | 14.8 | 0 | | 4.1 | 9.6 |
| | | S-6 | 12.5-14.5 | | | | | | | | | | |
| 6/29/2004 | MW-12 | S-1 | 0-1.5 | | | | | <0.074 | 18.4 | 8.7 | | 13.8 | 12 |
| | | S-2 | 2.5-4.5 | | | | | | | | | | |
| | | S-3 | 5-7 | | | | | | | | | | |
| | | S-4 | 7.5-9.5 | | | | | | | | | | |
| | | S-5 | 10-12 | | | | | <0.057 | 16.6 | 19 | | 2.3 | 13.4 |
| | | S-6 | 12.5-14.5 | | | | | | | | | | |
| 6/29/2004 | MW-13 | S-1 | 0-1.5 | | | | | <0.069 | 25.5 | 14.7 | | 8.8 | 14.8 |
| | | S-2 | 2.5-4.5 | | | | | | | | | | |
| | | S-3 | 5-7 | | | | | | | | | | |
| | | S-4 | 7.5-9.5 | | | | | | | | | | |
| | | S-5 | 10-12 | | | | | <0.053 | 12.4 | 18.6 | | 1.9 | 9.4 |
| | | S-6 | 12.5-14.5 | | | | | | | | | | |
| NR 720 Residual Contaminant Levels for Industrial Land Use | | | | | | | | 510 | 200 | -- | -- | 500 | -- |
| Mean Heavy Metal Content of Major Rock Types (granite/sandstone) (1) | | | | | | | | 0.09/0.05 | 4/35 | 13/30 | -- | 24/10 | 0.5/9 |
| Average Composition of Igneous and Sedimentary Rocks (granite/sandstone) (2) | | | | | | | | 0.19/0.020 | 198/120 | 97/15 | -- | 16/14 | 94/2.6 |
| Range for Metals in Agricultural Soils (3) | | | | | | | | 0.05-0.2 | -- | 3-40 | -- | 0.1-5.0 | 0.01-1.0 |
| Common Range for Metals in Natural Soils (4) | | | | | | | | 0.01-0.7 | 1-1000 | 2-100 | -- | 2-200 | 5-500 |

**ABBREVIATIONS AND ACRONYMS**
VOC = Volatile organic compounds
mg/kg = Milligrams per kilogram
ND = No detection

**DESIGNATIONS**
Blank boxes in table represent samples that were not analyzed.
< = Not detected at or above this value
- = No data
-- = No standard or data available

**REFERENCES**

(1) Alloway, B.J., ed. 1993, *Heavy Metals in Soils*. Glasgow: Blackie Academic & Professional.
(2) Hem, John D., Third Edition. 1986, *Study and Interpretation of the Chemical Characteristics of Natural Water*. USGS Water Supply Paper 2254.
(3) Wisconsin Department of Natural Resources, 1975, *Guidelines for the Application of Wastewater Sludge to Agricultural Land in Wisconsin*. Technical Bulletin No. 88.
(4) US Environmental Protection Agency, 1983, Office of Solid Waste and Emergency Response, Hazardous Waste Land Treatment Publication SW-874, April 1983, p. 273, Table 6.46.

# TABLE 1
## SOIL ANALYTICAL RESULTS
## PHILLIPS PLASTICS
## MEDFORD, WISCONSIN

| SOIL BORING | DATE | SAMPLE DEPTH (ft) | Chromium (mg/kg) | Copper (mg/kg) | Lead (mg/kg) | Nickel (mg/kg) |
|---|---|---|---|---|---|---|
| HP1 | 11/9/00 | 1.5 | 18.1 | 18.8 | 8.2 | 41.3 |
| HP2 | 11/9/00 | 1.5 | 23.3 | 12.5 | 9.1 | 33.3 |
| HP3 | 11/9/00 | 1.5 | 23.0 | 21.2 | 6.4 | 19.9 |
| HP4 | 11/9/00 | 1.5 | 18.5 | 14.3 | 6.4 | 12.0 |
| HP5 | 11/9/00 | 1.5 | 13.6 | 6.7 | 8.9 | 7.5 |
| HP6 | 11/9/00 | 1.5 | 22.1 | 15.0 | 7.8 | 19.6 |
| HP7 | 11/9/00 | 6 | 25.4 | 15.5 | 6.9 | 22.7 |
| HP8 | 11/9/00 | 5 | 27.3 | 22.9 | 6.0 | 53.6 |
| HP9 | 11/9/00 | 5 | 23.7 | 32.1 | 5.9 | 44.1 |
| HP10* | 11/9/00 | 8 | 25.0 | 16.6 | 5.7 | 24.4 |
| HP11* | 11/9/00 | 7 | 19.9 | 12.7 | 5.7 | 23.4 |
| HP12* | 11/9/00 | 6.5 | 22.0 | 10.3 | 1.5 | 9.7 |
| HP13* | 11/9/00 | 5 | 28.6 | 223.0 | 3.1 | 207.0 |
| HP14* | 11/9/00 | 4.4 | 16.2 | 17.0 | 1.4 | 22.6 |
| HP15* | 11/9/00 | 4.1 | 32.6 | 153.0 | 2.5 | 94.3 |
| HP11-7* | 11/10/00 | 7 | 26.6 | 28.8 | 6.3 | 61.2 |
| HP12-6* | 11/10/00 | 6.5 | 23.7 | 21.6 | 4.7 | 48.5 |
| HP13-5* | 11/10/00 | 5 | 26.0 | 212.0 | 3.5 | 206.0 |
| HP14-4* | 11/10/00 | 4.4 | 27.0 | 68.8 | 5.2 | 130.0 |
| HP15-4* | 11/10/00 | 4.1 | 24.9 | 445.0 | 6.2 | 345.0 |
| NR 720 Standards (Industrial) | | | 200 | NS | 500 | NS |

**DESIGNATION**

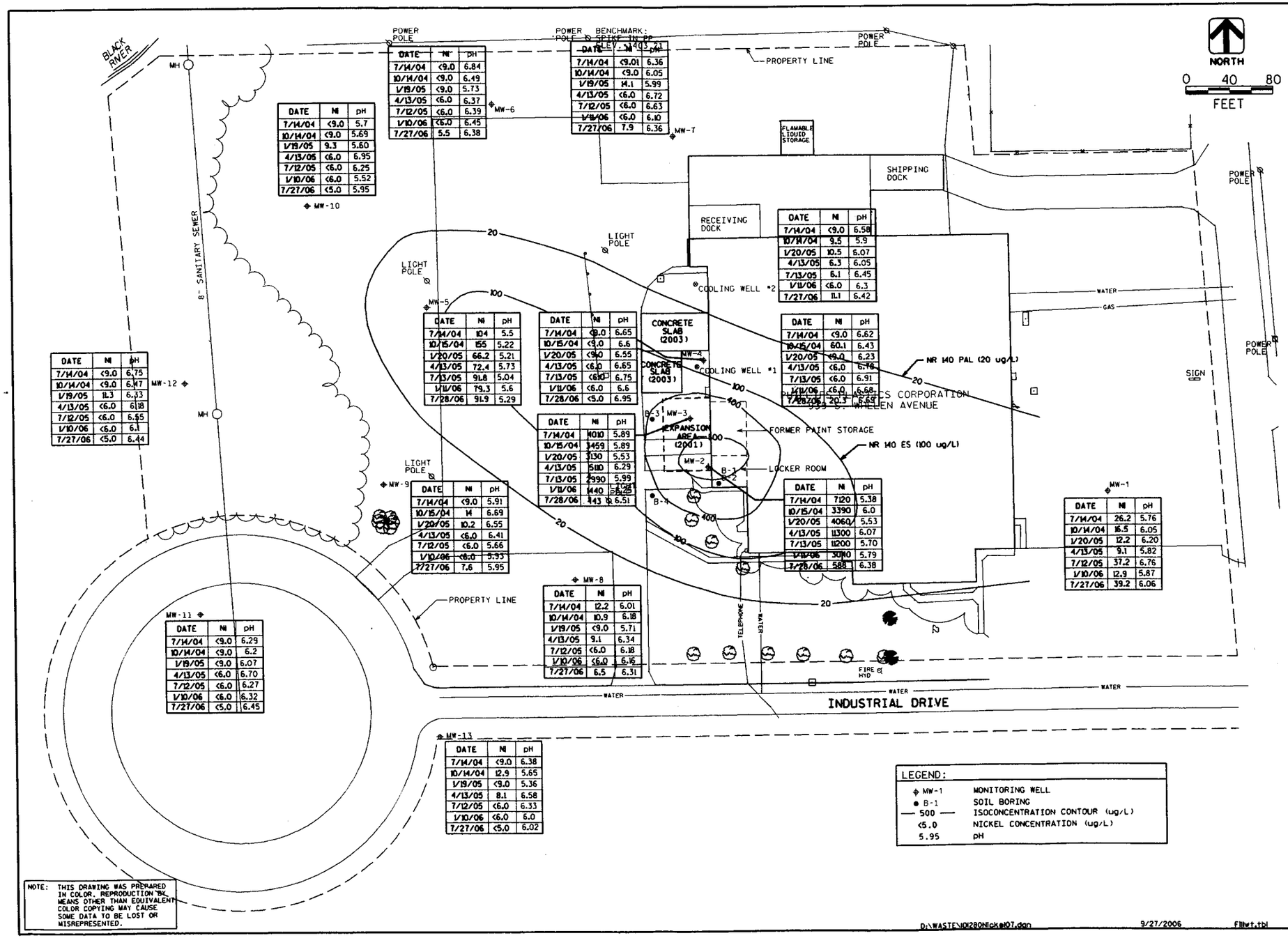
* = Samples taken from inside of building

**ABBREVIATIONS**

mg/kg = Milligrams per kilograms

NS = No standard

J:\gjs\010222a.xls




| DATE | Ni | pH |
|---|---|---|
| 7/14/04 | <9.0 | 6.84 |
| 10/14/04 | <9.0 | 6.49 |
| 1/19/05 | <9.0 | 5.73 |
| 4/13/05 | <6.0 | 6.37 |
| 7/12/05 | <6.0 | 6.39 |
| 1/10/06 | <6.0 | 6.45 |
| 7/27/06 | 5.5 | 6.38 |

MW-6

| DATE | Ni | pH |
|---|---|---|
| 7/14/04 | <9.0 | 6.36 |
| 10/14/04 | <9.0 | 6.05 |
| 1/19/05 | 14.1 | 5.99 |
| 4/13/05 | <6.0 | 6.72 |
| 7/12/05 | <6.0 | 6.63 |
| 1/10/06 | <6.0 | 6.10 |
| 7/27/06 | 7.9 | 6.36 |

MW-7

| DATE | Ni | pH |
|---|---|---|
| 7/14/04 | <9.0 | 5.7 |
| 10/14/04 | <9.0 | 5.69 |
| 1/19/05 | 9.3 | 5.60 |
| 4/13/05 | <6.0 | 6.95 |
| 7/12/05 | <6.0 | 6.25 |
| 1/10/06 | <6.0 | 5.52 |
| 7/27/06 | <5.0 | 5.95 |

MW-10

| DATE | Ni | pH |
|---|---|---|
| 7/14/04 | <9.0 | 6.58 |
| 10/14/04 | 9.5 | 5.9 |
| 1/20/05 | 10.5 | 6.07 |
| 4/13/05 | 6.3 | 6.05 |
| 7/13/05 | 6.1 | 6.45 |
| 1/11/06 | <6.0 | 6.3 |
| 7/27/06 | 11.1 | 6.42 |

| DATE | Ni | pH |
|---|---|---|
| 7/14/04 | 104 | 5.5 |
| 10/15/04 | 155 | 5.22 |
| 1/20/05 | 66.2 | 5.21 |
| 4/13/05 | 72.4 | 5.73 |
| 7/13/05 | 91.8 | 5.04 |
| 1/11/06 | 79.3 | 5.6 |
| 7/28/06 | 91.9 | 5.29 |

MW-5

| DATE | Ni | pH |
|---|---|---|
| 7/14/04 | <9.0 | 6.65 |
| 10/15/04 | <9.0 | 6.6 |
| 1/20/05 | <9.0 | 6.55 |
| 4/13/05 | <6.0 | 6.65 |
| 7/13/05 | <6.0 | 6.75 |
| 1/11/06 | <6.0 | 6.6 |
| 7/28/06 | <5.0 | 6.95 |

| DATE | Ni | pH |
|---|---|---|
| 7/14/04 | <9.0 | 6.62 |
| 10/15/04 | 60.1 | 6.43 |
| 1/20/05 | <9.0 | 6.23 |
| 4/13/05 | <6.0 | 6.78 |
| 7/13/05 | <6.0 | 6.91 |
| 1/11/06 | <6.0 | 6.68 |
| 7/28/06 | 20.5 | 6.69 |

| DATE | Ni | pH |
|---|---|---|
| 7/14/04 | <9.0 | 6.75 |
| 10/14/04 | <9.0 | 6.47 |
| 1/19/05 | 11.3 | 6.33 |
| 4/13/05 | <6.0 | 6.18 |
| 7/12/05 | <6.0 | 6.55 |
| 1/10/06 | <6.0 | 6.1 |
| 7/27/06 | <5.0 | 6.44 |

MW-12

| DATE | Ni | pH |
|---|---|---|
| 7/14/04 | 1010 | 5.89 |
| 10/15/04 | 1459 | 5.89 |
| 1/20/05 | 1130 | 5.53 |
| 4/13/05 | 5110 | 6.29 |
| 7/13/05 | 2990 | 5.99 |
| 1/11/06 | 1440 | 6.25 |
| 7/28/06 | 1143 | 6.51 |

MW-3

| DATE | Ni | pH |
|---|---|---|
| 7/14/04 | 7120 | 5.38 |
| 10/15/04 | 3390 | 6.0 |
| 1/20/05 | 4060 | 5.53 |
| 4/13/05 | 11300 | 6.07 |
| 7/13/05 | 11200 | 5.70 |
| 1/11/06 | 3010 | 5.79 |
| 7/28/06 | 588 | 6.38 |

MW-2

| DATE | Ni | pH |
|---|---|---|
| 7/14/04 | <9.0 | 5.91 |
| 10/15/04 | 14 | 6.69 |
| 1/20/05 | 10.2 | 6.55 |
| 4/13/05 | <6.0 | 6.41 |
| 7/12/05 | <6.0 | 5.66 |
| 1/10/06 | <6.0 | 5.93 |
| 7/27/06 | 7.6 | 5.95 |

MW-9

| DATE | Ni | pH |
|---|---|---|
| 7/14/04 | 26.2 | 5.76 |
| 10/14/04 | 16.5 | 6.05 |
| 1/20/05 | 12.2 | 6.20 |
| 4/13/05 | 9.1 | 5.82 |
| 7/12/05 | 37.2 | 6.76 |
| 1/10/06 | 12.9 | 5.87 |
| 7/27/06 | 39.2 | 6.06 |

MW-1

| DATE | Ni | pH |
|---|---|---|
| 7/14/04 | 12.2 | 6.01 |
| 10/14/04 | 10.9 | 6.18 |
| 1/19/05 | <9.0 | 5.71 |
| 4/13/05 | 9.1 | 6.34 |
| 7/12/05 | <6.0 | 6.18 |
| 1/10/06 | <6.0 | 6.16 |
| 7/27/06 | 6.5 | 6.31 |

MW-8

| DATE | Ni | pH |
|---|---|---|
| 7/14/04 | <9.0 | 6.29 |
| 10/14/04 | <9.0 | 6.2 |
| 1/19/05 | <9.0 | 6.07 |
| 4/13/05 | <6.0 | 6.70 |
| 7/12/05 | <6.0 | 6.27 |
| 1/10/06 | <6.0 | 6.32 |
| 7/27/06 | <5.0 | 6.45 |

MW-11

| DATE | Ni | pH |
|---|---|---|
| 7/14/04 | <9.0 | 6.38 |
| 10/14/04 | 12.9 | 5.65 |
| 1/19/05 | <9.0 | 5.36 |
| 4/13/05 | 8.1 | 6.58 |
| 7/12/05 | <6.0 | 6.33 |
| 1/10/06 | <6.0 | 6.0 |
| 7/27/06 | <5.0 | 6.02 |

MW-13

LEGEND:

| | |
|---|---|
| ◆ MW-1 | MONITORING WELL |
| ● B-1 | SOIL BORING |
| — 500 — | ISOCONCENTRATION CONTOUR (ug/L) |
| <5.0 | NICKEL CONCENTRATION (ug/L) |
| 5.95 | pH |

NOTE: THIS DRAWING WAS PREPARED IN COLOR. REPRODUCTION BY MEANS OTHER THAN EQUIVALENT COLOR COPYING MAY CAUSE SOME DATA TO BE LOST OR MISREPRESENTED.

D:\WASTE\101280Nickel07.dgn 9/27/2006 FIlwt.tbl

K:/WASTE/PPMED/101280NICKEL07.DGN

NICKEL ISOCONCENTRATION MAP
JULY 27 & 28, 2006

DRN. BY: JCS
CHK. BY: CJS
DATE: SEPTEMBER 2006

AMRES ASSOCIATES

GROUND WATER MONITORING REPORT
PHILLIPS PLASTIC CORPORATION
MEDFORD, WISCONSIN

FIGURE
5

# TABLE 1
## MONITORING WELL ELEVATIONS
## PHILLIPS PLASTICS MEDFORD

| | Monitoring Wells | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MW-1 | MW-2 | MW-3 | MW-4 | MW-5 | MW-6 | MW-7 | MW-8 | MW-9 | MW-10 | MW-11 | MW-12 | MW-13 |
| Ground Surface | 1402.46 | 1401.19 | 1401.00 | 1404.13 | 1397.66 | 1398.59 | 1397.22 | 1398.75 | 1399.38 | 1398.3 | 1396.38 | 1398.15 | 1397.25 |
| Top of Casing | 1404.26 | 1400.99 | 1400.81 | 1403.69 | 1400.25 | 1400.98 | 1397.57 | 1398.51 | 1399.13 | 1398.07 | 1396.12 | 1397.58 | 1396.79 |
| Top of Screen | 1396.33 | 1391.33 | 1393.44 | 1391.81 | 1390.74 | 1391.74 | 1393.47 | 1394.52 | 1395.28 | 1394.39 | 1392.17 | 1393.88 | 1394.14 |
| Bottom of Screen | 1386.33 | 1381.33 | 1383.44 | 1381.81 | 1380.74 | 1381.74 | 1383.47 | 1384.52 | 1385.28 | 1384.39 | 1382.17 | 1383.88 | 1384.14 |
| Date Sampled | Elevations, ft. | | | | | | | | | | | | |
| 8/24/1995 | 1394.73 | 1392.72 | 1392.63 | 1392.49 | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| 3/5/1996 | 1392.88 | 1390.70 | 1390.83 | 1390.72 | 1390.56 | 1389.75 | 1391.42 | NI | NI | NI | NI | NI | NI |
| 3/21/1996 | 1393.47 | 1391.07 | 1391.19 | 1391.28 | 1391.56 | 1390.75 | 1392.33 | NI | NI | NI | NI | NI | NI |
| 6/4/1996 | 1394.41 | 1392.48 | 1392.25 | 1392.07 | 1392.63 | 1395.94 | 1393.02 | NI | NI | NI | NI | NI | NI |
| 9/11/1996 | 1393.18 | 1391.41 | 1391.30 | 1391.29 | 1391.42 | 1390.04 | 1391.73 | NI | NI | NI | NI | NI | NI |
| 11/4/1999 | 1393.79 | 1393.15 | 1393.10 | 1393.16 | 1392.69 | 1390.83 | 1393.29 | NI | NI | NI | NI | NI | NI |
| 4/13/2000 | 1393.99 | 1393.46 | 1393.47 | 1393.47 | 1393.42 | 1391.03 | 1393.57 | NI | NI | NI | NI | NI | NI |
| 7/21/2000 | 1394.31 | 1393.65 | 1393.98 | 1393.66 | 1393.47 | 1390.99 | 1393.78 | NI | NI | NI | NI | NI | NI |
| 10/25/2000 | 1394.17 | 1393.51 | 1393.69 | 1393.52 | 1393.28 | 1391.10 | 1393.64 | NI | NI | NI | NI | NI | NI |
| 1/24/2001 | 1394.27 | 1396.36 | 1396.7 | 1393.59 | 1393.38 | 1390.88 | 1393.62 | NI | NI | NI | NI | NI | NI |
| 8/21/2001 | 1394.27 | 1393.55 | 1393.94 | 1393.59 | 1393.38 | 1390.88 | 1393.62 | NI | NI | NI | NI | NI | NI |
| 2/19/2002 | 1393.83 | 1393.23 | 1393.39 | 1393.28 | 1393.05 | 1390.82 | 1393.08 | NI | NI | NI | NI | NI | NI |
| 5/14/2002 | 1395.67 | 1394.96 | 1395.42 | 1394.98 | 1394.92 | 1392.24 | 1394.84 | NI | NI | NI | NI | NI | NI |
| 8/14/2002 | 1394.85 | 1394.09** | 1394.63** | 1394.2 | 1394.05 | 1391.46 | 1394.05 | NI | NI | NI | NI | NI | NI |
| 8/13/2003 | 1394.05 | 1393.23 | 1394.11 | 1393.34 | 1393.13 | 1390.74 | 1393.06 | 1393.81 | 1392.76 | 1392.14 | NI | NI | NI |
| 11/18/2003 | 1393.42 | 1392.8 | 1393.14 | 1392.85 | 1392.84 | 1390.69 | 1392.55 | 1393.36 | 1392.21 | 1391.65 | NI | NI | NI |
| 2/18/2004 | 1392.95 | 1392.27 | 1392.52 | 1392.33 | 1391.89 | 1390.29 | 1391.91 | 1392.71 | 1391.56 | 1391.12 | NI | NI | NI |
| 7/13/2004 | **1394.24** | **1393.49** | **1393.87** | **1393.61** | **1393.54** | **1390.91** | **1393.89** | **1393.6** | **1393.55** | **1393.37** | **1392.09** | **1392.26** | **1392.14** |
| 10/14/2004 | **1393.25** | **1392.66** | **1393.03** | **1392.69** | **1392.60** | **1390.42** | **1392.97** | **1392.73** | **1392.14** | **1391.68** | **1391.29** | **1390.96** | **1391.32** |
| 1/19/2005 | **1393.12** | **1392.55** | **1392.72** | **1392.59** | **1392.29** | **1390.44** | **1392.87** | **1392.5** | **1391.97** | **1393.27** | **1390.95** | **1391.33** | **1391.07** |
| 4/13/2005 | **1393.99** | **1393.54** | **1393.88** | **1393.52** | **1393.70** | **1391.42** | **1393.78** | **1393.47** | **1393.89** | **1395.38** | **1392.81** | **1394.66** | **1392.51** |
| 7/13/2005 | **1393.76** | **1393.11** | **1393.36** | **1393.13** | **1392.97** | **1390.63** | **1393.39** | **1393.06** | **1393.00** | **1392.7** | **1391.72** | **1391.55** | **1391.66** |
| 1/10/2006 | **1393.26** | **1392.9** | **1393.81** | **1392.84** | **1392.93** | **1390.54** | **1393.25** | **1392.7** | **1393.71** | **1392.93** | **1391.64** | **1390.82** | **1391.51** |
| 7/27/2006 | **1393.22** | **1392.65** | **1392.88** | **1392.66** | **1392.62** | **1390.48** | **1392.89** | **1392.62** | **1393.08** | **1391.8** | **1391.22** | **1390.68** | **1391.19** |

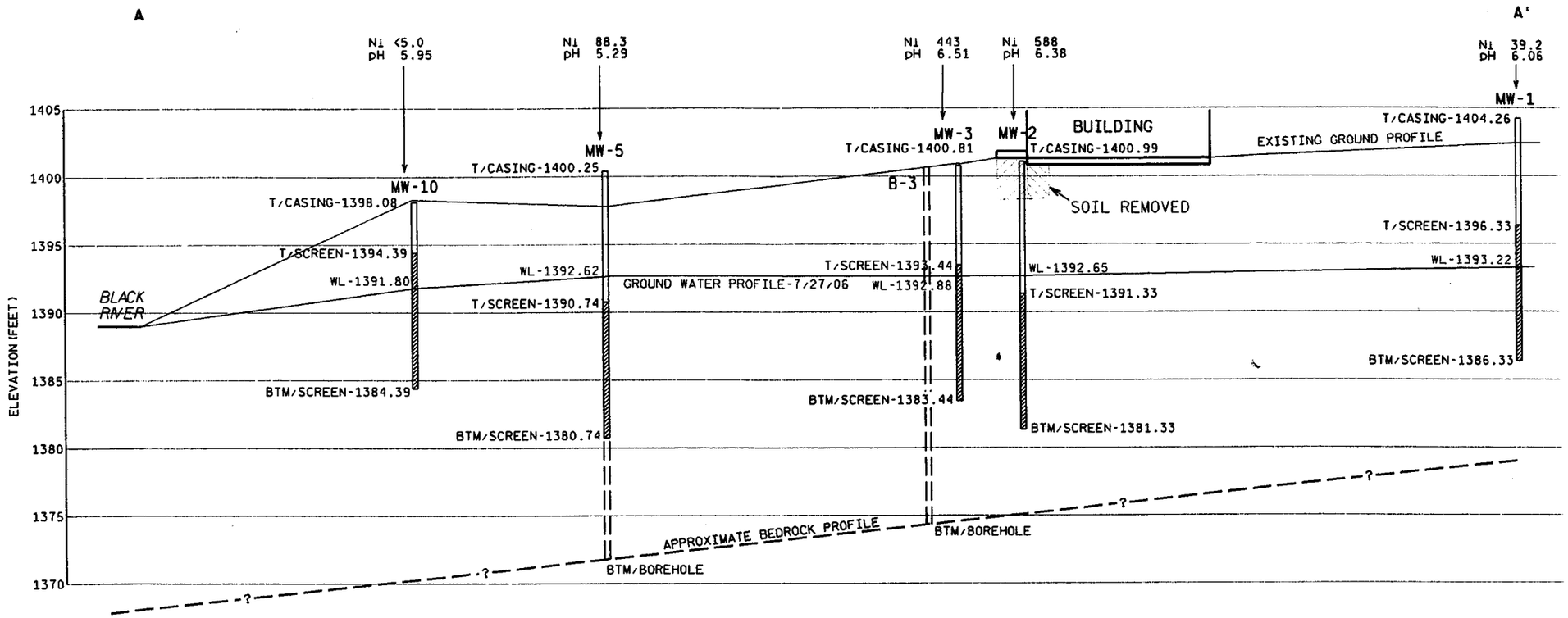
NI = Not Installed

* = Reflects elevation change that occurred in September 2001 after August 21, 2001 sample round

** = Elevation collected 8/15/02 **1393.60** =Reference to top of Casing elevations resurveyed 8/27/04

Note: All top of casing and ground surface elevations were resurveyed on 8/27/04

j:/10-1280.60/060912a.xls

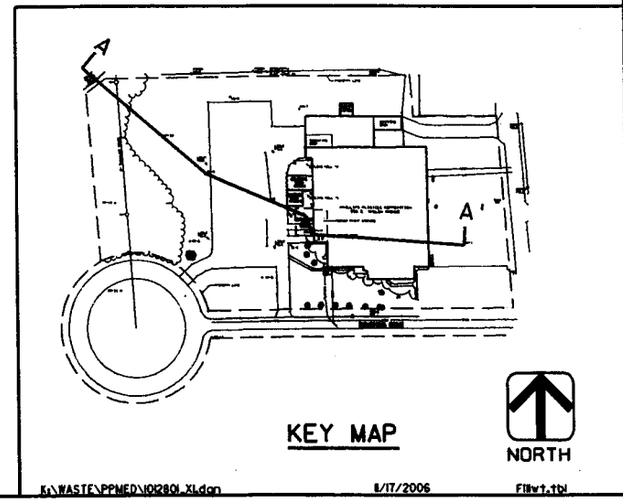



NOTES:

1) NICKEL CONCENTRATIONS SHOWN ARE FOR THE 7/27/06 SAMPLING ROUND AND ARE IN ug/L.

2) PH VALUES SHOWN ARE FOR THE 7/27/06 SAMPLING ROUND.

3) NR140 GROUND WATER QUALITY STANDARDS FOR NICKEL ARE AS FOLLOWS:
ENFORCEMENT STANDARD (ES) - 100 ug/L
PREVENTIVE ACTION LIMIT (PAL) - 20 ug/L




NOTE: THIS DRAWING WAS PREPARED IN COLOR. REPRODUCTION BY MEANS OTHER THAN EQUIVALENT COLOR COPYING MAY CAUSE SOME DATA TO BE LOST OR MISREPRESENTED.

K:/WASTE/PPMED/101280_X1.DGN

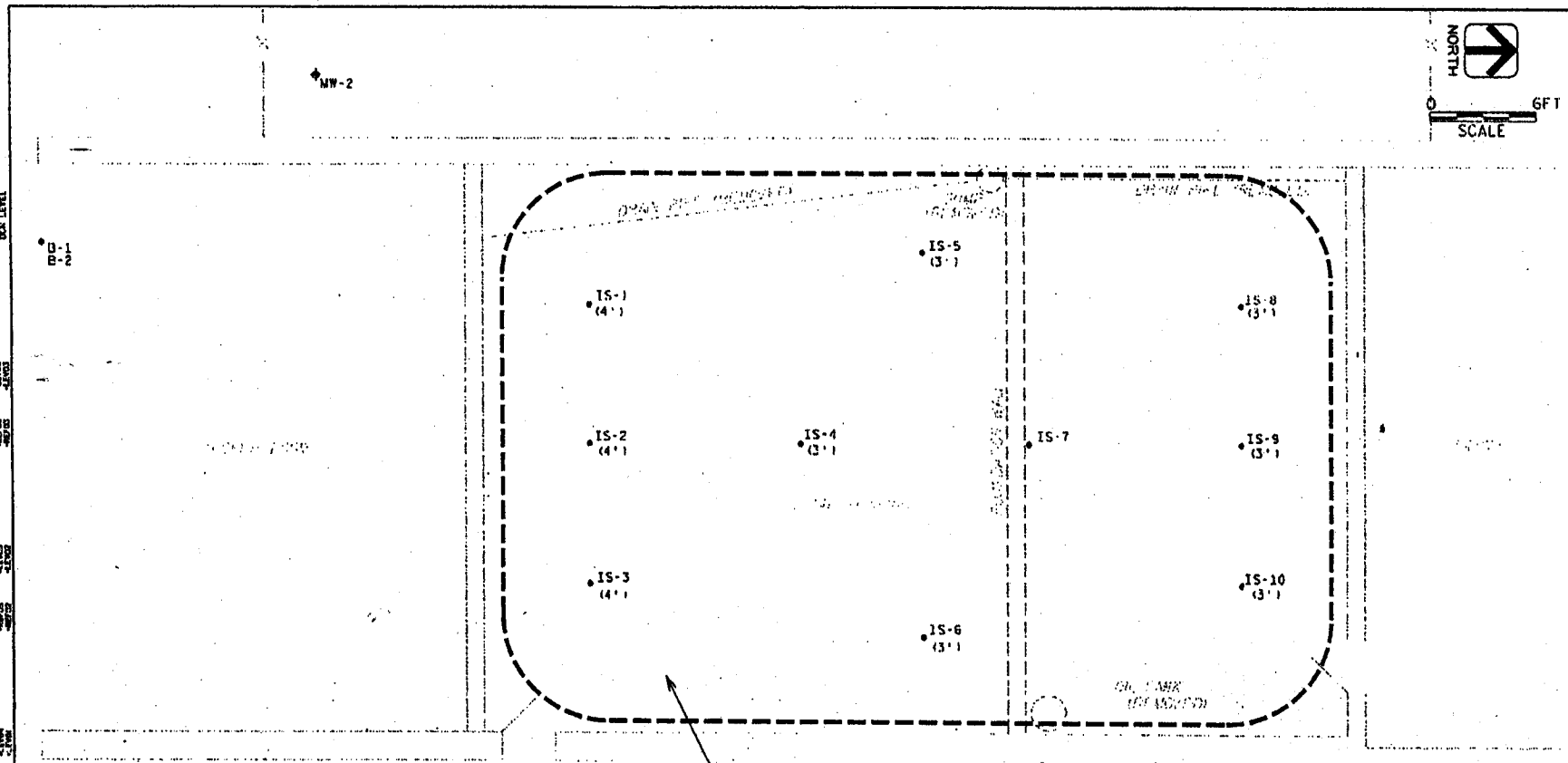
GEOLOGIC CROSS SECTION A-A'
FOR CASE CLOSURE SUBMITTAL

DRN. BY: JCS
CHK. BY: DLJ
DATE: NOVEMBER 2006

AMRINS ASSOCIATES

PHILLIPS PLASTIC CORPORATION
PRECISION DECORATING FACILITY
939 S. WHELAN AVENUE
MEDFORD, WISCONSIN

FIGURE
1




AREA WHERE SOIL EXCAVATION DEPTH WAS LIMITED BY THE BUILDING FOUNDATION. SOME ELEVATED METALS CONCENTRATIONS MAY EXIST IN THIS AREA.

## CONFIRMATION ZONE RESULTS

**Confirmation Samples - Building Interior**

| Sample No. | Sample Location | DATE | Depth (ft) | Chromium (mg/kg) | Copper (mg/kg) | Nickel (mg/kg) | Lead (mg/kg) |
|---|---|---|---|---|---|---|---|
| 19 | IS1 (interior) | 5/8/2001 | 4 | 30.1 | 151.0 | 322.0 | --- |
| 20 | IS2 (interior) | 5/8/2001 | 4 | 34.1 | 427.0 | 200.0 | --- |
| 21 | IS3 (interior) | 5/8/2001 | 4 | 19.3 | 216.0 | 176.0 | --- |
| 22 | IS4 (interior) | 5/8/2001 | 3 | 16.5 | 218.0 | 156.0 | --- |
| 23 | IS5 (interior) | 5/8/2001 | 3 | 22.9 | 189.0 | 151.0 | --- |
| 24 | IS6 (interior) | 5/8/2001 | 3 | 11.3 | 27.7 | 25.9 | --- |
| 25 | IS7 (interior) | 5/8/2001 | 3 | 14.7 | 81.3 | 97.4 | --- |
| 26 | IS8 (interior) | 5/8/2001 | 3 | 8.1 | 12.2 | 9.0 | --- |
| 27 | IS9 (interior) | 5/8/2001 | 3 | 14.9 | 52.1 | 34.7 | --- |
| 28 | IS10 (interior) | 5/8/2001 | 3 | 17.7 | 132.0 | 77.2 | --- |

IN MANY INSTANCES INFORMATION ON MEDIA OTHER THAN EQUIVALENT COLOR COPYING MAY CAUSE SOME DATA TO BE LOST OR MISREPRESENTED.

LEGEND:

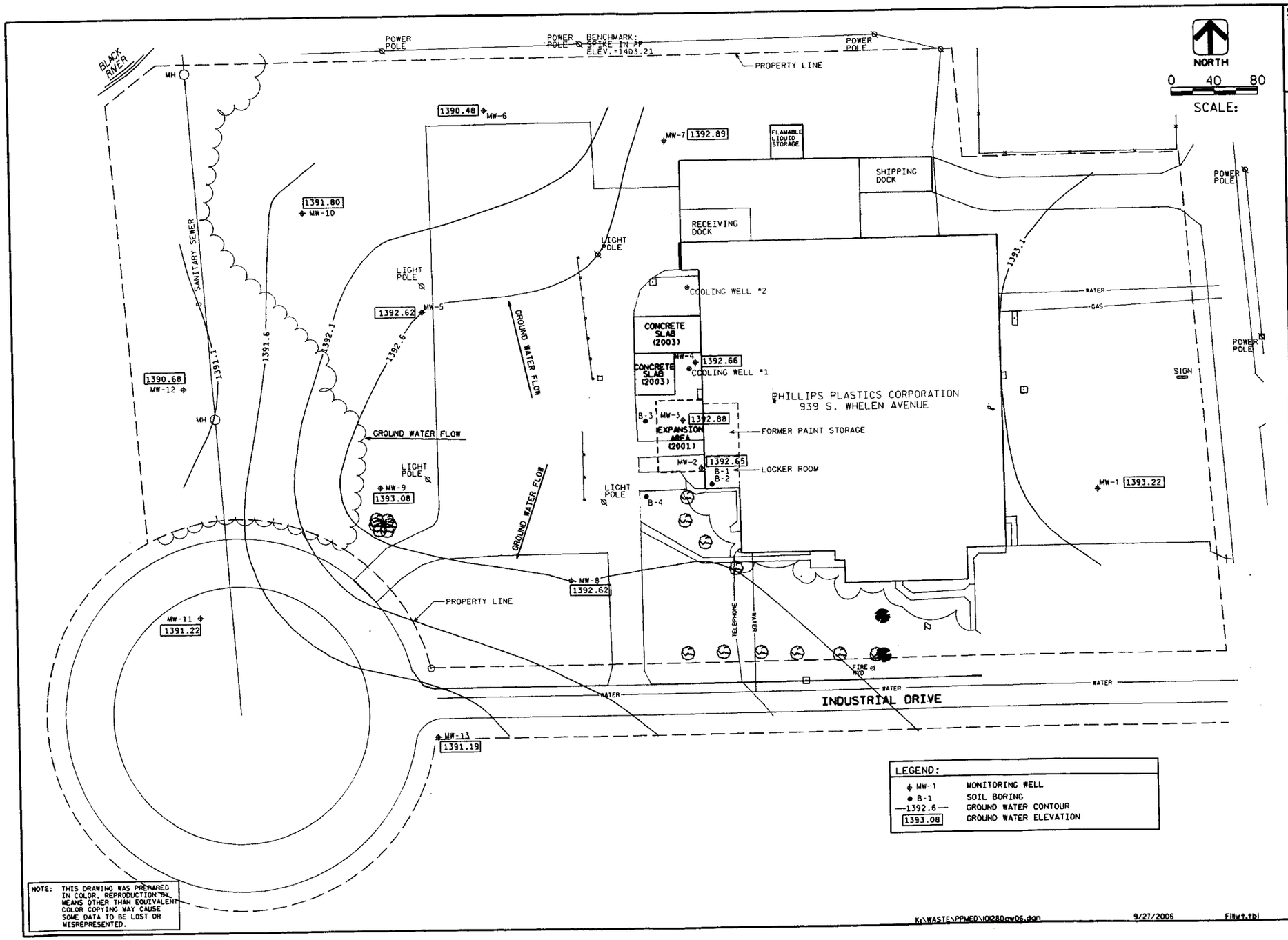
| | |
|---|---|
| ◆MW-2 | MONITORING WELL |
| •B-1 | SOIL BORING (1997) |
| •IS-1 | SOIL SAMPLE (5-8-2001) |
| (4') | SAMPLE DEPTH |

INTERIOR
SOIL SAMPLING LOCATIONS
MAY 8, 2001
& RESIDUAL CONTAMINATION AREA

CURRENT STATUS REPORT
PHILLIPS PLASTICS-MEDFORD
MEDFORD, WISCONSIN

AVRES ASSOCIATES

FIGURE
5




GROUND WATER CONTOURS
JULY 27, 2006

DRN. BY: JCS
CHK. BY: CJS
DATE: SEPTEMBER 2006

AMES ASSOCIATES

GROUND WATER MONITORING REPORT
PHILLIPS PLASTIC CORPORATION
MEDFORD, WISCONSIN

FIGURE
4

Phillips
PHILLIPS PLASTICS CORPORATION™

RECEIVED
NOV 0 1 2006
AYRES ASSOCIATES

To Whom It May Concern:

I, the undersigned representative of Phillips Plastics, Precision Decorating Facility, do hereby believe that the legal descriptions attached to the statement are complete and accurate.

Signature of Representative

10-27-06
Date

Precision Decorating 939 South Worden Avenue, Box 7030 Medford, Wisconsin 54451-7030 p 715.748.2304 f 715.748.8990 phillipsplastics.com