

**Natural  
Resource  
Technology, Inc.**

February 3, 1998  
(1135)

Mr. Mike Netzer  
Wisconsin Department of Natural Resources  
South Central Region Office - RR/3  
Post Office Box 7921  
101 South Webster Street  
Madison, Wisconsin 54707-7921

FEB - 6 1998

RE: **Report of Additional Site Investigation**, Former American Graphics Site Investigation,  
Goodman, Wisconsin

Dear Mr. Netzer:

Results of the additional site investigation performed by Natural Resource Technology, Inc. (NRT) at the former American Graphics site located in Goodman, Wisconsin is presented herein. The additional investigation work included installation of three water table monitoring wells and one piezometer, two rounds of groundwater sampling, an evaluation of capture zone of the municipal wells, and a preliminary assessment of the potential for vapors to impact area buildings.

## **SCOPE OF WORK**

### **Additional Monitoring Wells**

Three groundwater monitoring wells (MW-110, MW-111, and MW-112) and one piezometer (PZ-105) were installed in the Town of Goodman on June 18 and 19, 1997. Well locations are shown on Figure 1. Monitoring wells MW-110 and PZ-105 were installed as a well nest to monitor groundwater quality and flow direction between the northeast edge of the groundwater plume and the two municipal water supply wells. Monitoring well MW-111 was installed to monitor groundwater quality between the southeast edge of the plume and four private potable wells located to the east along Maple Avenue. Monitoring well MW-112 was installed to evaluate the northeast extent of the plume, south of Chemical Creek.

The monitoring wells were drilled using the rotasonic drilling method as previously described in the *Site Investigation Report*, submitted to the Wisconsin Department of Natural Resources (WDNR) on March 6, 1997. Soil boring logs, monitoring well construction forms, and well development forms are included in Appendix A.

### **Groundwater Sampling**

Existing monitoring wells and new monitoring wells were sampled on June 25 and 26, 1997 and October 29 and 30, 1997. Laboratory analytical reports are present in Appendix B and C, respectively. Groundwater samples collected in June 1997 were analyzed for volatile organic compounds (VOCs) using EPA Test Method 8260. Groundwater samples collected in October 1997 were analyzed for VOCs (EPA Test Method 8260A), ethyl acetate (EPA Test Method 8240), and acetone (EPA Test Method 8260A). On-site monitoring wells (MW-1, MW-2, MW-3, and PZ-101) were also analyzed for methanol (EPA Test Method 8240).

Prior to collection of groundwater samples, water levels were measured in each monitoring well and piezometer. Groundwater elevations are summarized on Table 1. Water table contours for June and October 1997 are presented in Figures 2 and 4. Piezometric surface contours are presented in Figures 3 and 5. Field monitoring forms are included in Appendix D.

### **Capture Zone Analysis**

NRT performed a capture zone analysis for the Town of Goodman Municipal Well #2 (Well #2) to evaluate the capture zone for Well #2. A two-dimensional analytical model titled Quickflow™ was established to evaluate the capture zone for a one and two year period. Data used to construct and calibrate the capture zone analysis model included data collected during the AGI site investigation, regional groundwater flow data, and pumping data for Well #2 received from WDNR. The Quickflow™ model is described in Appendix L of the *Site Investigation Report, Former American Graphic, Inc. Facility, Village of Goodman, Wisconsin* report dated March 6, 1997.

### **Preliminary Building Vapor Assessment**

NRT conducted a preliminary survey of the locations of buildings in the site area for purposes of evaluating which buildings may be potentially affected by vapors emitted from the identified groundwater contaminants. A method to evaluate and screen the potential for vapors to impact site area buildings is presented.

## **RESULTS**

### **Groundwater Sampling**

The results of the June and October 1997 groundwater analyses indicated that the extent and magnitude of the plume are generally consistent with previous sampling results. Figure 1 shows the estimated lateral extent of the plume based on the October 1997 sampling results. Table 2 summarizes analytical results. The north-northeast extent of the plume extends at least to

Mr. Mike Netzer  
February 3, 1998  
Page 3

Ethylbenzene ✓  
Benzene ✓  
Xylenes ✓  
Toluene ✓  
1,2-DCA ✓  
1,1-DCA ✓  
CIS-1,2-DCE ✓  
TRANS-1,2-DEE ✓

Chemical Creek. Impacts were not detected in groundwater samples collected from wells (MW-109, MW-110, and piezometer PZ-105) located north of Chemical Creek, other than chloroform and bromodichloromethane in the June sample from piezometer PZ-105. The east and southeast margins of the plume are defined by results of samples collected from well nest MW-106/PZ-103, well MW-112, and well MW-111. Low-level VOCs were detected in samples MW-106 and MW-112. The VOC concentrations detected in the MW-112 sample did not exceed NR 140 Enforcement Standards (ESs) for those compounds. Samples MW-111 (located between the plume and the private wells identified along Maple Avenue) and PZ-103 did not contain VOCs, with the exception of methylene chloride (1.0 micrograms per liter,  $\mu\text{g/L}$ ) in MW-111. The west extent of the plume appeared similar to the results of previous sampling events based on the lack of VOC detections in samples collected from wells MW-103 and MW-107.

Results of samples collected from on-site wells (MW-1, MW-3, and MW-102) indicate that VOC concentrations have remained relatively consistent with previous sampling results. Elevated concentrations of 1,1-dichloroethene (1,1-DCE) and 1,1,1-trichloroethane (1,1,1-TCA) have decreased to levels below ESs in the sample collected from well MW-2. VOC concentrations in samples collected from wells MW-1 and MW-3 continue to have VOC concentrations which exceed NR 140 ESs. Samples collected from on-site piezometer PZ-101 were relatively clean, except for a few low detections of acetone, tetrahydrofuran, and 1,1,1-TCA. VOCs were not detected in samples collected from upgradient well MW-101.

Samples collected from off-site water table wells MW-103 (side gradient), MW-104 (side gradient), MW-107 (down and side gradient), and MW-109 (down gradient and north of Chemical Creek) continue to have no VOC concentrations. Samples collected from all off-site piezometers (PZ-102, PZ-103, PZ-104, and PZ-105) indicated low to non-detectable levels of VOCs. Chloroform, previously detected in samples collected from piezometers PZ-102, PZ-103, and PZ-104, was not detected in the June and October sampling events. Benzene was also not present in well PZ-103. Chloroform and bromodichloromethane were detected in the June sample from piezometer PZ-105 (located between Chemical Creek and municipal well #2), but not detected in the following October sample (Table 2).

Samples collected from off-site wells MW-105 and MW-108 indicated a slight decrease of previously detected VOCs. However, levels exceeding ES for 1,1-DCE and 1,1,1-TCA were reported in samples collected in both wells and also for toluene in sample MW-105.

Acetone analysis was performed on all groundwater samples. Acetone was detected in samples collected from monitoring wells MW-3 and MW-105 at levels above the NR 140 ES for acetone of 1,000  $\mu\text{g/L}$ . Acetone was also detected in on-site piezometer PZ-101 at a concentration of 3.5  $\mu\text{g/L}$ . However, acetone was detected in the trip blank at 8.4  $\mu\text{g/L}$ ; therefore, the presence of acetone in piezometer PZ-101 is suspect due to similar levels.

Mr. Mike Netzer  
February 3, 1998  
Page 4

Methanol was analyzed in samples collected from MW-1, MW-2, MW-3, and PZ-101 and was not detected in any of the samples.

Low levels of methylene chloride were detected in samples MW-102, MW-111, MW-112, and the trip blank and determined by the laboratory to be a laboratory-based contaminant.

### **Groundwater Flow**

Groundwater flow directions measured in the water table wells and piezometers located south of Chemical Creek were to the northeast which is consistent with previous flow directions.

Vertical hydraulic gradients calculated during the June and October sampling events were upward in well nests MW-3/PZ-101, MW-105/PZ-102, and MW-108/PZ-104, all of which are located south of Chemical Creek. Downward vertical hydraulic gradients were calculated in well nests MW-106/PZ-103 located at the east margin of the plume and in MW-110/PZ-105 located north of Chemical Creek.

### **Municipal Well Capture Zone Evaluation**

NRT performed modeling and a capture zone analysis for the Town of Goodman Well #2 (Well #2). This modeling was conducted to evaluate the capture zone for Well #2 when pumping the well at a continuous rate equaling 30,000 gallons per day (gpd). According to data provided by the WDNR, Well #2 pumps approximately 30,000 gallons per day and is pumped over a three hour period each day at a rate of approximately 150 gallons per minute (gpm) with a drawdown of approximately 16 feet below ground surface (bgs). Static water level depth is approximately 8 feet bgs. NRT used a Quickflow™ Model to evaluate the size of the capture zone for Well #2 over a one and two year period. Data used to construct and calibrate the capture zone analysis model includes data collected during the AGI site investigation, regional groundwater flow data, and the pumping data received from WDNR.

### **Modeling Parameters**

Based on the presence and hydrologic influence of Chemical Creek and the limitations of the model Quickflow™, NRT modeled and evaluated two scenarios for this project. These two scenarios were necessary because only one hydraulic gradient can be modeled at any given time by Quickflow™. Based on water level information collected by NRT, two hydraulic gradients are present at the site. Scenario #1 is based on the hydraulic gradient identified on the north side of Chemical Creek by the groundwater elevation measurements collected on October 29, 1997. This gradient has groundwater flowing to the southeast toward Chemical Creek.

## Modeling Results

### *Scenario #1 Results*

Based on the graphical results for Simulations #2 and #3 (using a southeast flow component), the capture zone for Well #2 extends between approximately 150 feet to 350 feet, based on the time-frame involved. These capture zones extends west beyond Maple Street and extend almost all the way to Avenue A. For Simulation #2, the one year pumping simulation, the capture zones extend approximately half way between Maple Avenue and Avenue A. For Simulation #3, after two years of pumping the capture zone extends almost all the way to Avenue A. The graphical results for each pumping simulation, also showing the groundwater plume from the AGI investigation, are attached.

### *Scenario #2 Results*

Based on the graphical results for Simulations #5 and #6 (using a northeast flow component), the capture zone for Well #2 extends between approximately 175 feet and 400 feet. Again, the capture zones extend west slightly beyond Avenue A. For Simulation #5, the one year pumping simulations, the capture zone extends approximately half way between Maple Avenue and Avenue A. For Simulation #6, after two years of pumping the capture zone extends to Avenue A. The graphical results for each pumping simulation, also showing the groundwater plume from the AGI investigation, are included in Appendix E.

In both scenarios, drawdown in Well #2 was approximately 9.5 feet, as compared to 8 feet as measured by the Village of Goodman. However, based on the hydraulic gradient determined by NRT from groundwater elevation measurements, Scenario #1 is more representative of actual pumping and drawdown conditions in the vicinity of Well #2 than is the other scenario. This is because groundwater in the vicinity of Well #2 likely flows southeast toward Chemical Creek rather than northeast, as Scenario #2 indicates.

## Preliminary Building Vapor Assessment

A preliminary survey of the locations of area buildings which may be potentially affected by vapors from the contaminant plume are shown on Figure 6. All residential buildings within or in the vicinity of the identified plume are susceptible to contaminant vapors. Areas of greatest potential for vapor impact are in the area of Sixth Street, based on the organic vapor readings detected in soil boring samples during the 1996 site investigation and the shallow water table in this area. Buildings located within or near the margins of groundwater plume are identified on Figure 6 and based on information gathered by MAAS Engineering in 1994. Many residential homes located within the impacted area do not have basements due to the shallow depth to

Scenario #2 is based on the hydraulic gradient identified on the south side of Chemical Creek, also established by the same October 29, 1997 groundwater elevation measurements. This gradient has groundwater flowing to the northeast toward Chemical Creek, which is similar to the groundwater flow direction found during prior groundwater monitoring.

Prior to starting the model runs, a base model, used for both pumping scenarios, was established and evaluated. This simulation was performed without any pumping occurring and shows the groundwater flow direction and gradient in the aquifer under non-pumping conditions. Simulation #1, which is the base model for Scenario #1, shows the groundwater gradient for the north side of Chemical Creek. Similarly, Simulation #4, which is the base model for Scenario #2, shows the groundwater gradient for the south side of Chemical Creek. The base model for both scenarios was calibrated using the water level data for October 29, 1997. Comparison of the simulated groundwater levels to actual groundwater levels indicates that the simulated levels (8.13 feet and 8.26 feet, respectively, for Scenarios #1 and #2) correlate well with the actual drawdown in Well #2, which is approximately 8 feet.

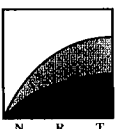
Following completion of each base model, two simulations were performed for each scenario. The listing of the simulations performed is presented in the table below. Simulations for both scenarios indicate the capture zone for Well #2 for a 1 and 2 year period when the well is pumped at a continuous rate of 30,000 gallons per day. Although Well #2 is pumped for approximately three hours per day, a continuous pumping rate was used in both scenarios as a more conservative approach for evaluating the capture zone extents. The graphical presentations for each simulation are included in Appendix E.

**Scenario and Simulation Particulars for Each  
Modeling Run - Quickflow™ Capture Zone Analysis**

<b>Scenario #1- North Side Chemical Creek</b>	
Simulation 1	Base Map - No Pumping in Well #2
Simulation 2	One Year Cont. Pumping - 30,000 gpd
Simulation 3	Two Year Cont. Pumping - 30,000 gpd

<b>Scenario #2- South Side Chemical Creek</b>	
Simulation 4	Base Map - No Pumping in Well #2
Simulation 5	One Year Cont. Pumping - 30,000 gpd
Simulation 6	Two Year Cont. Pumping - 30,000 gpd



Mr. Mike Netzer  
 February 3, 1998  
 Page 6

The aquifer parameters used for the computer simulations are listed below. For further discussion of the assumptions inherent in Quickflow™ and how model simulations are constructed, please refer to Appendix L, *Site Investigation Report, Former American Graphic, Inc. Facility, Village of Goodman, Wisconsin, March 6, 1997.*

**Parameter Selection for Quickflow™ Analysis**

The Quickflow™ Model requires the site-specific aquifer parameters listed below. Our solution was run in the steady state mode.

Aquifer Parameter	Value	Basis of Selection
Hydraulic Conductivity (K)	10 ft/day (0.007 ft/min)	K values obtained from slug tests. Previously, NRT had used a K value of 8.6 ft/day (0.006 ft/min). However, this K value resulted in a drawdown much greater than actually seen in the pumping well. Therefore, the K value was increased to 10 ft/day to achieve the more realistic drawdown observed in the pumping well of approximately 8 feet, the drawdown level reported to NRT.
Saturated Thickness (b)	70 ft	This is the approximated extent of the saturated thickness. According to Hydrologic Investigations Atlas HA-470, the thickness of the unconfined aquifer is approximately 100 feet at the Village of Goodman. Top of aquifer elevation is 1386 feet msl and the base of the aquifer is 1316 feet msl.
Hydraulic Gradient (I)	0.012 ft/ft	Calculated from the monitoring well water level values collected by NRT from monitoring wells installed by NRT in August, September, and October 1996.
Flow Direction Scenario #1	E-SE (18° N of E)	Calculated from the monitoring well water level values collected by NRT from monitoring wells installed by NRT in October 1997 on the north side of Chemical Creek. According to Hydrologic Investigations Atlas HA-470, the regional groundwater flow direction is approximately east.
Flow Direction Scenario #2	E-NE (27.5° S of E)	Calculated from the monitoring well water level values collected by NRT from monitoring wells installed by NRT in October 1997 on the south side of Chemical Creek.
Village Well #2 Pumping Rate	4,010 ft <sup>3</sup> /day (20 gpm)	This is based on a daily use of 30,000 gallons from Well #2 (data received from WDNR). This pumping rate yielded a simulated drawdown of 8.13 feet and 8.26 feet in Scenario's #1 and #2, respectively, compared with an actual drawdown level of approximately 8 feet (from "Head at Well Radius" values listed on following pages).
Time	365 days (1 year) & 730 days (2 years)	The particle traces simulated for the pumping well are for 1 and 2 year simulation periods. These capture zones show the area which would be effected by continued pumping of the well at the given pumping rate (30,000 gallons per day).

Regional groundwater data was obtained from the Hydrologic Investigations Atlas HA-470 "Water Resources of Wisconsin-Menominee-Oconto-Peshigo River Basin", Oakes, E.L. and L.J. Hamilton, 1973, USGS, 4 plates.



# Natural Resource Technology, Inc.

# FACSIMILE

To:	<u>Mike Netzer</u>	Project #:	<u>1135</u>
Company:	<u>WDNR</u>	Date:	<u>2-6-98</u>
Fax No:	<u>608-267-2768</u>	From:	<u>Tim Mivellor</u>
Phone No:	_____	cc:	_____
Total Pages:	<u>one</u> (including cover page)		
Reference:	<u>Goodman</u>		

URGENT  
 As Requested  
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 Please Comment  
 Hard copy will:  
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■ Message:

Page 7 is attached.

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Mr. Mike Netzer  
February 3, 1998  
Page 7

### Modeling Results

#### *Scenario #1 Results*

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#### *Scenario #2 Results*

Based on the graphical results for Simulations #5 and #6 (using a northeast flow component), the capture zone for Well #2 extends between approximately 175 feet and 400 feet. Again, the capture zones extend west slightly beyond Avenue A. For Simulation #5, the one year pumping simulations, the capture zone extends approximately half way between Maple Avenue and Avenue A. For Simulation #6, after two years of pumping the capture zone extends to Avenue A. The graphical results for each pumping simulation, also showing the groundwater plume from the AGI investigation, are included in Appendix E.

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Mr. Mike Netzer  
February 3, 1998  
Page 8


groundwater. A potential exists for contaminant vapors to migrate into these buildings, whether completed with basements or slab on-grade (no basement).


To assess this potential, a RBCA (Risk Based Corrective Action) model may be performed. This model would identify concentration thresholds which potentially pose a VOC accumulation risk. Vapor detector tubes may be used to collect organic vapors in the living/working spaces of buildings located in the potentially affected area. Detector tubes are designed to assess concentrations of specific toxic gases. Detector tubes can identify gas concentrations as low as 0.1 part per million (ppm) to 2000 ppm. Detection limits, ranges, and accuracy are dependent on the analyte. NRT recommends evaluating the potential for VOC accumulation in area buildings using the RBCA model. The need for vapor monitoring or sampling should be based on the results of the RBCA modeling and/or based on the concern(s) of residents occupying the buildings within the affected area.

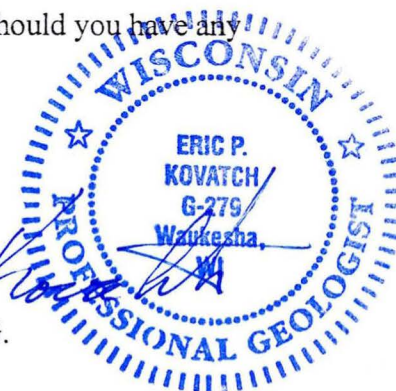
NRT appreciates the opportunity to assist you on this project. Please call should you have any questions regarding this report or the project.

Sincerely,

NATURAL RESOURCE TECHNOLOGY, INC.


  
Rebecca J. Koepke  
Hydrogeologist

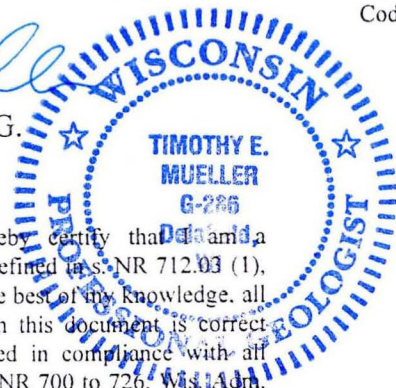
  
Eric P. Kovatch, P.G.  
Hydrogeologist



"I, Rebecca J. Koepke, hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03 (1), Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code."

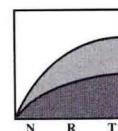
"I, Eric P. Kovatch, hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03 (1), Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code."

  
Timothy E. Mueller, P.G.  
Hydrogeologist



"I, Timothy E. Mueller, hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03 (1), Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code."

Natural  
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Mr. Mike Netzer  
February 3, 1998  
Page 9

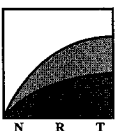
cc: Ms. Marie Stewart, WDNR South Central Region Office

Tables: Table 1 - Monitoring Well Construction Summary and Groundwater Elevations  
Table 2 - Summary of Groundwater Laboratory VOC Analyses  
Table 3 - Vertical Hydraulic Gradient Calculations

Figures: Figure 1- Investigation Area Layout  
Figure 2 - Water Table Elevation Contours, June 25, 1997  
Figure 3 - Piezometric Surface Elevation Contours, June 25, 1997  
Figure 4 - Water Table Elevation Contours, October 29, 1997  
Figure 5 - Piezometric Surface Elevation Contours, October 29, 1997  
Figure 6 - Basement Locations  
Figure 7 - Estimated Extent of Groundwater Plume

Appendices: Appendix A: Soil Boring Logs, Monitoring Well Construction Forms,  
Well Development Forms, Wisconsin Well Information Form  
Appendix B: June 1997 Laboratory Analytical Report  
Appendix C: October 1997 Laboratory Analytical Report  
Appendix D: Field Monitoring Forms  
Appendix E: Capture Zone Analysis Figures and Data

[1135-Additional SI Report.ltr]



# FIGURES

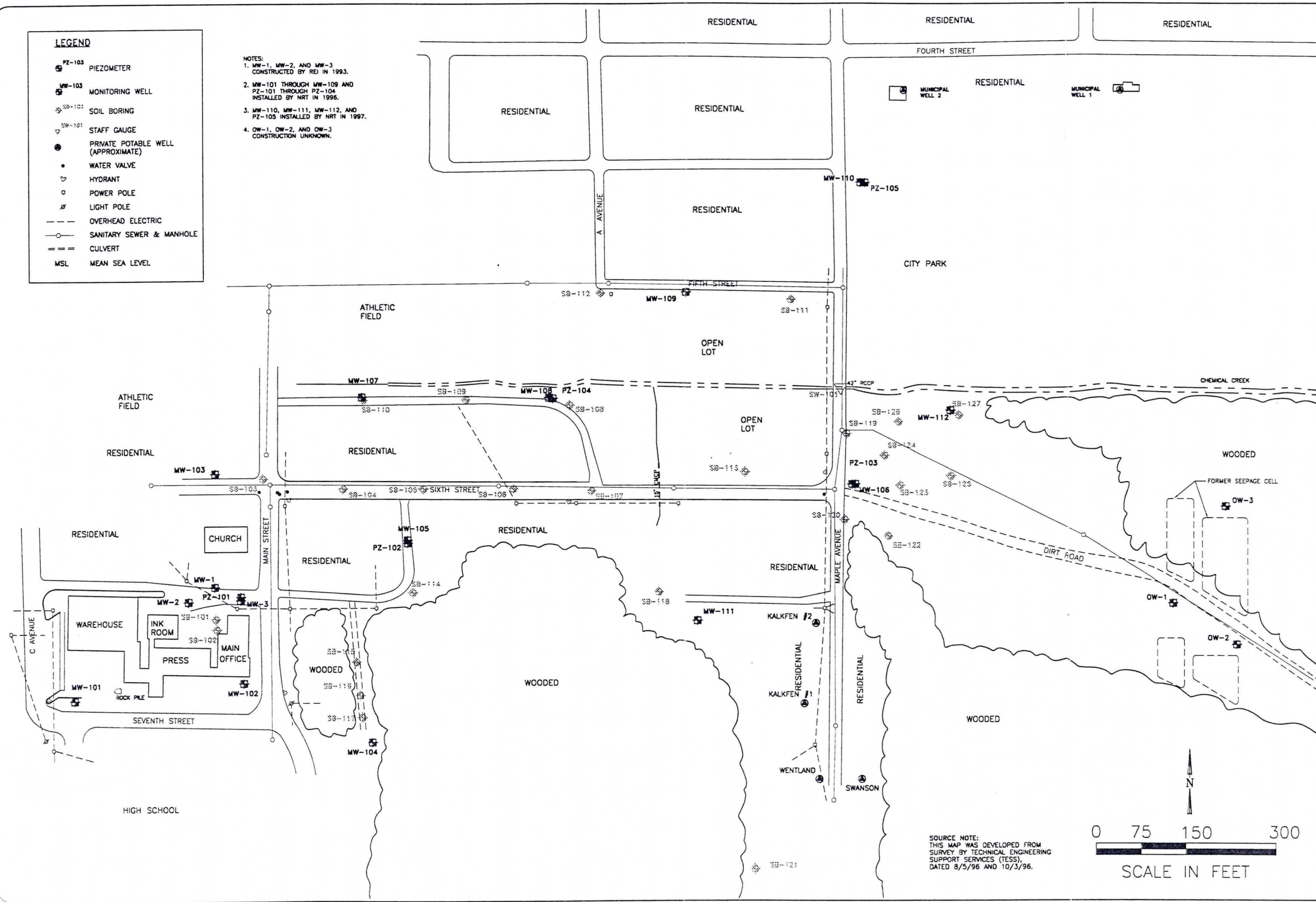
## FIGURES

**LEGEND**

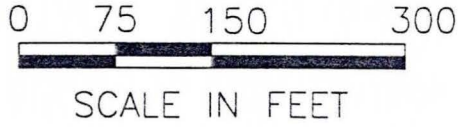
- PZ-103 PIEZOMETER
- MW-103 MONITORING WELL
- SB-101 SOIL BORING
- SG-101 STAFF GAUGE
- PRIVATE POTABLE WELL (APPROXIMATE)
- WATER VALVE
- HYDRANT
- POWER POLE
- LIGHT POLE
- OVERHEAD ELECTRIC
- SANITARY SEWER & MANHOLE
- CULVERT
- MSL MEAN SEA LEVEL

**NOTES:**

1. MW-1, MW-2, AND MW-3 CONSTRUCTED BY REI IN 1993.
2. MW-101 THROUGH MW-109 AND PZ-101 THROUGH PZ-104 INSTALLED BY NRT IN 1996.
3. MW-110, MW-111, MW-112, AND PZ-105 INSTALLED BY REI IN 1997.
4. OW-1, OW-2, AND OW-3 CONSTRUCTION UNKNOWN.

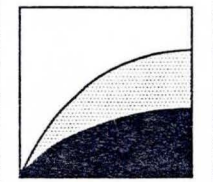


**SOURCE NOTE:**  
 THIS MAP WAS DEVELOPED FROM SURVEY BY TECHNICAL ENGINEERING SUPPORT SERVICES (TESS), DATED 8/5/96 AND 10/3/96.



DRAWN BY:	TAS	DATE:	12/16/97
CHECKED BY:	BJK	DATE:	02/03/98
APPROVED BY:	TEM	DATE:	2-3-98
AUTOCAD FILE: 1135-21.dwg			

**INVESTIGATION AREA LAYOUT**  
 ADDITIONAL SITE INVESTIGATION  
 FORMER AMERICAN GRAPHICS, INC. FACILITY  
 610 MAIN STREET  
 GOODMAN, WISCONSIN



**Natural Resource Technology**

PROJECT NO.  
1135/7

DRAWING NO.  
1135-B21

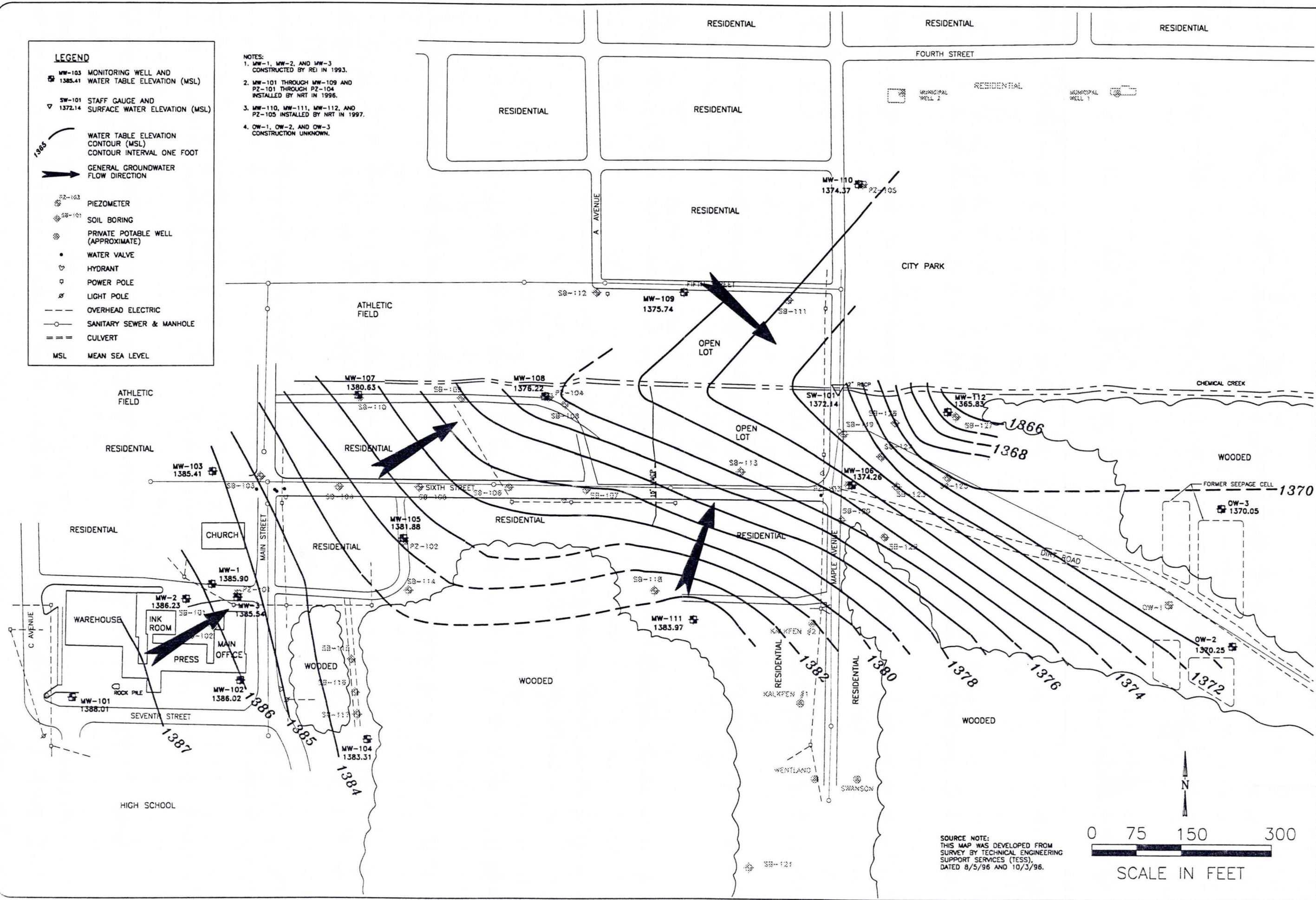
FIGURE NO.  
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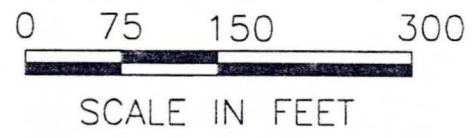
- MW-103 1385.41 MONITORING WELL AND WATER TABLE ELEVATION (MSL)
- SW-101 1372.14 STAFF GAUGE AND SURFACE WATER ELEVATION (MSL)
- WATER TABLE ELEVATION CONTOUR (MSL) CONTOUR INTERVAL ONE FOOT
- GENERAL GROUNDWATER FLOW DIRECTION
- PZ-103 PIEZOMETER
- SB-101 SOIL BORING
- PRIVATE POTABLE WELL (APPROXIMATE)
- WATER VALVE
- HYDRANT
- POWER POLE
- LIGHT POLE
- OVERHEAD ELECTRIC
- SANITARY SEWER & MANHOLE
- CULVERT
- MSL MEAN SEA LEVEL

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- OW-1, OW-2, AND OW-3 CONSTRUCTION UNKNOWN.

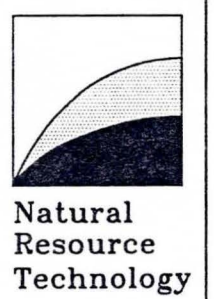


**SOURCE NOTE:**  
 THIS MAP WAS DEVELOPED FROM SURVEY BY TECHNICAL ENGINEERING SUPPORT SERVICES (TESS), DATED 8/5/96 AND 10/3/96.



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 CHECKED BY: BJK  
 APPROVED BY: TEM  
 DATE: 1/30/98  
 DATE: 02/03/98  
 DATE: 2-3-98  
 AUTOCAD FILE: 1135-B17.DWG

**WATER TABLE ELEVATION CONTOURS**  
 JUNE 25, 1997  
 ADDITIONAL SITE INVESTIGATION  
 FORMER AMERICAN GRAPHICS, INC. FACILITY  
 610 MAIN STREET  
 GOODMAN, WISCONSIN

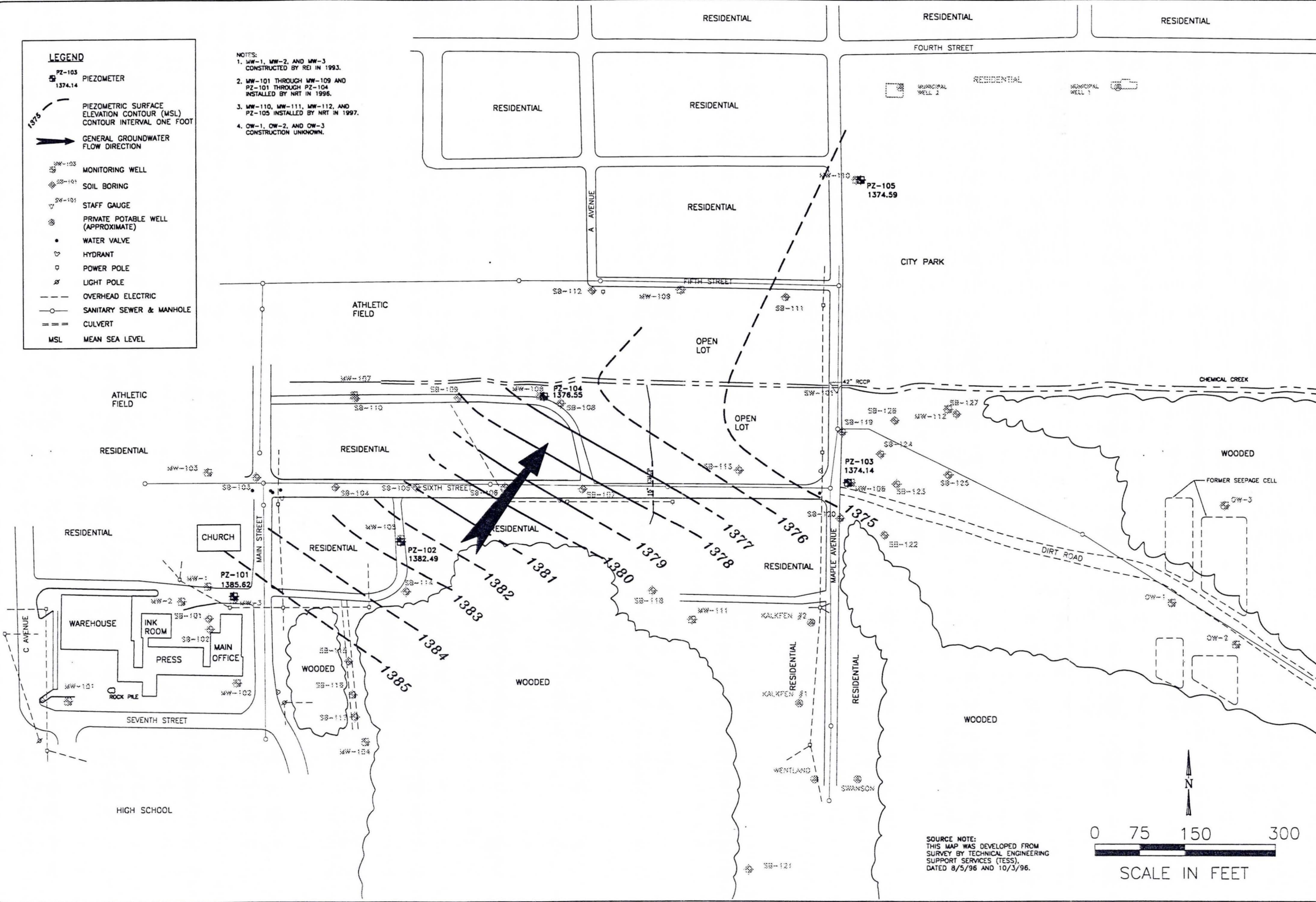


PROJECT NO. 1135/7  
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 FIGURE NO. 2

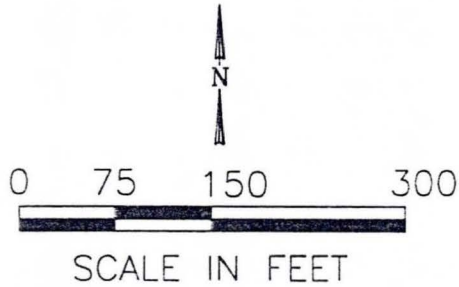
**LEGEND**

- PZ-103  
1374.14
- PIEZOMETRIC SURFACE ELEVATION CONTOUR (MSL)  
CONTOUR INTERVAL ONE FOOT
- GENERAL GROUNDWATER FLOW DIRECTION
- MONITORING WELL
- SOIL BORING
- STAFF GAUGE
- PRIVATE POTABLE WELL (APPROXIMATE)
- WATER VALVE
- HYDRANT
- POWER POLE
- LIGHT POLE
- OVERHEAD ELECTRIC
- SANITARY SEWER & MANHOLE
- CULVERT
- MSL MEAN SEA LEVEL

- NOTES:**
- MW-1, MW-2, AND MW-3 CONSTRUCTED BY REI IN 1993.
  - MW-101 THROUGH MW-109 AND PZ-101 THROUGH PZ-104 INSTALLED BY NRT IN 1996.
  - MW-110, MW-111, MW-112, AND PZ-105 INSTALLED BY NRT IN 1997.
  - OW-1, OW-2, AND OW-3 CONSTRUCTION UNKNOWN.

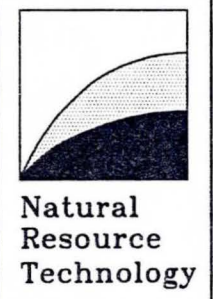


**SOURCE NOTE:**  
THIS MAP WAS DEVELOPED FROM SURVEY BY TECHNICAL ENGINEERING SUPPORT SERVICES (TESS), DATED 8/5/96 AND 10/3/96.



DRAWN BY:	TAS	DATE:	1/27/98
CHECKED BY:	BSK	DATE:	02/03/98
APPROVED BY:	TEM	DATE:	2-3-98
AUTOCAD FILE: 1135-B18.DWG			

**PIEZOMETRIC SURFACE ELEVATION CONTOURS**  
**JUNE 25, 1997**  
 ADDITIONAL SITE INVESTIGATION  
 FORMER AMERICAN GRAPHICS, INC. FACILITY  
 610 MAIN STREET  
 GOODMAN, WISCONSIN



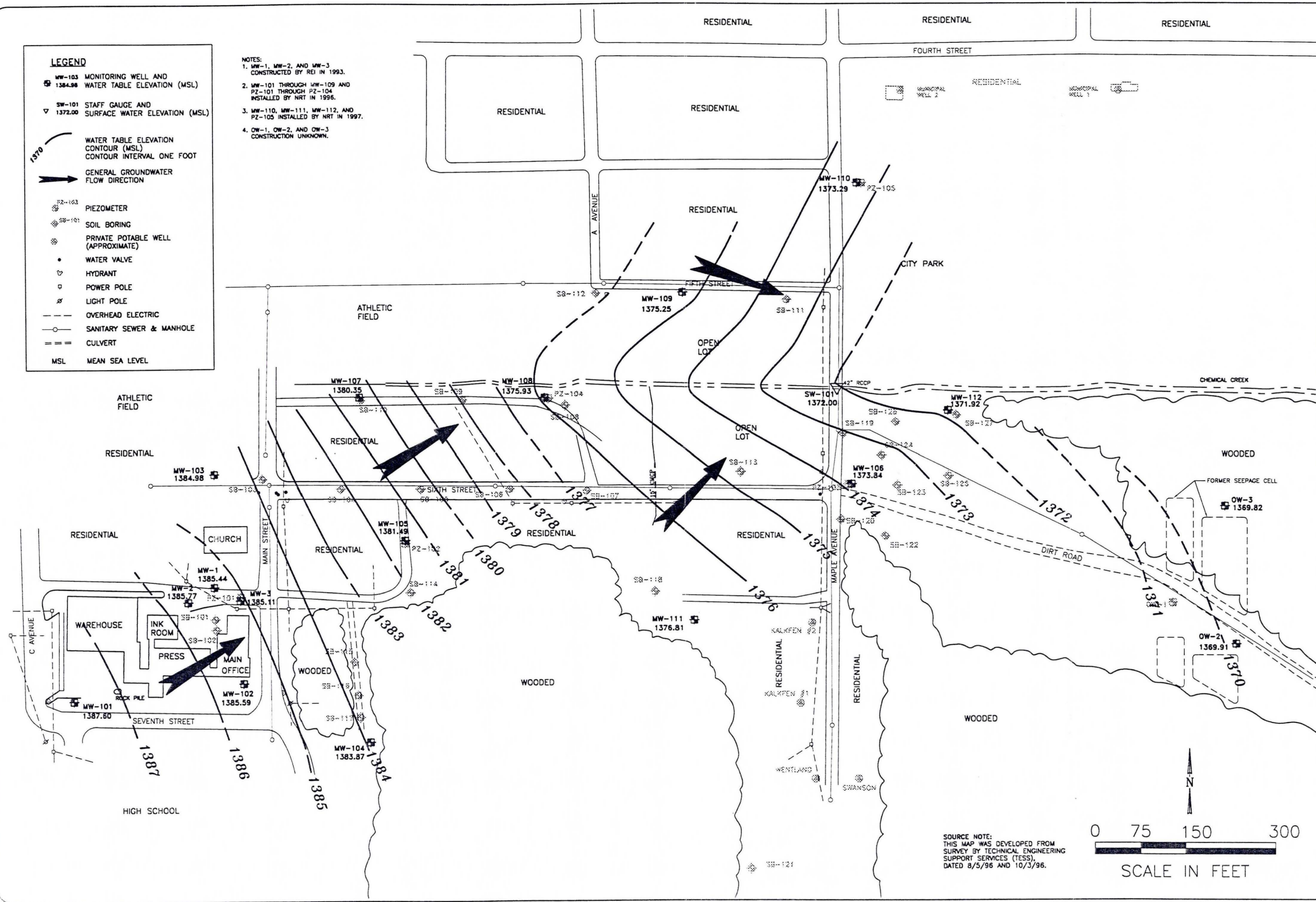
PROJECT NO.	1135/7
DRAWING NO.	1135-B18
FIGURE NO.	3



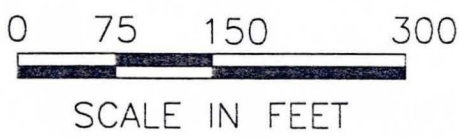
**LEGEND**

- MW-103 1384.98 MONITORING WELL AND WATER TABLE ELEVATION (MSL)
- SW-101 1372.00 STAFF GAUGE AND SURFACE WATER ELEVATION (MSL)
- 1370 WATER TABLE ELEVATION CONTOUR (MSL) CONTOUR INTERVAL ONE FOOT
- GENERAL GROUNDWATER FLOW DIRECTION
- PZ-103 PIEZOMETER
- SB-101 SOIL BORING
- PRIVATE POTABLE WELL (APPROXIMATE)
- WATER VALVE
- HYDRANT
- POWER POLE
- LIGHT POLE
- OVERHEAD ELECTRIC
- SANITARY SEWER & MANHOLE
- CULVERT
- MSL MEAN SEA LEVEL

- NOTES:**
1. MW-1, MW-2, AND MW-3 CONSTRUCTED BY REI IN 1993.
  2. MW-101 THROUGH MW-109 AND PZ-101 THROUGH PZ-104 INSTALLED BY NRT IN 1996.
  3. MW-110, MW-111, MW-112, AND PZ-105 INSTALLED BY NRT IN 1997.
  4. OW-1, OW-2, AND OW-3 CONSTRUCTION UNKNOWN.

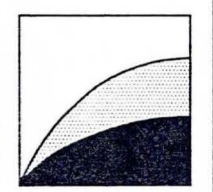


SOURCE NOTE:  
THIS MAP WAS DEVELOPED FROM SURVEY BY TECHNICAL ENGINEERING SUPPORT SERVICES (TESS), DATED 8/5/96 AND 10/3/96.



DRAWN BY:	TAS	DATE:	1/27/98
CHECKED BY:	BSK	DATE:	02/03/98
APPROVED BY:	TEM	DATE:	0-3-98
AUTOCAD FILE: 1135-B19.DWG			

**WATER TABLE ELEVATION CONTOURS**  
**OCTOBER 29, 1997**  
 ADDITIONAL SITE INVESTIGATION  
 FORMER AMERICAN GRAPHICS, INC. FACILITY  
 610 MAIN STREET  
 GOODMAN, WISCONSIN



Natural Resource Technology

PROJECT NO.  
1135/7

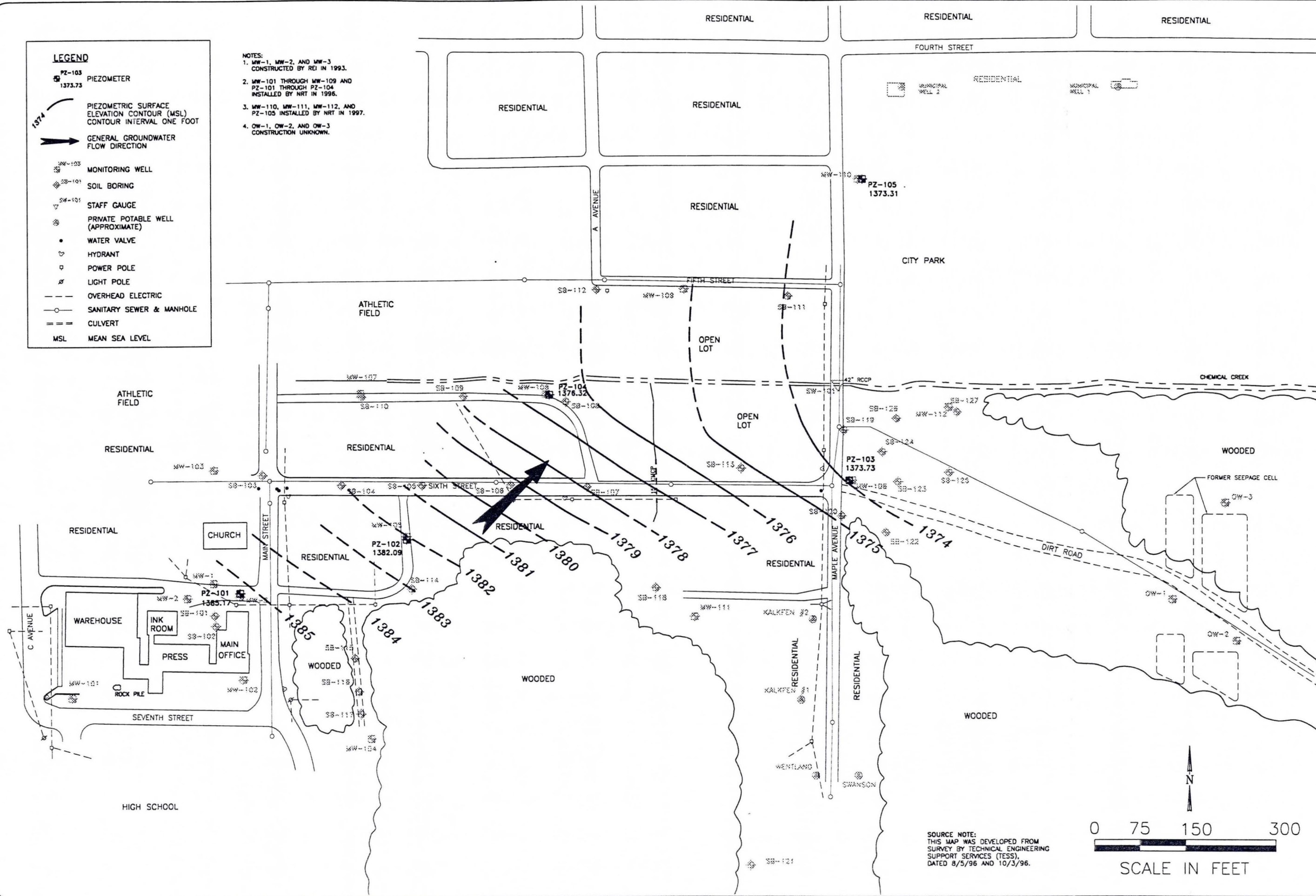
DRAWING NO.  
1135-B19

FIGURE NO.  
4

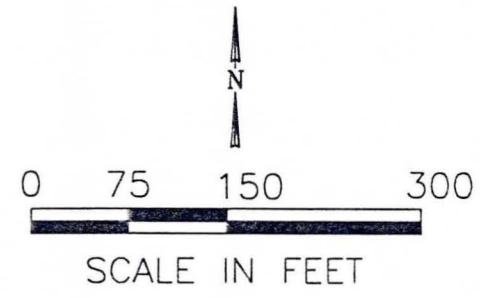
**LEGEND**

- PZ-103  
1373.73
- PIEZOMETRIC SURFACE ELEVATION CONTOUR (MSL)  
CONTOUR INTERVAL ONE FOOT
- GENERAL GROUNDWATER FLOW DIRECTION
- MONITORING WELL
- SOIL BORING
- STAFF GAUGE
- PRIVATE POTABLE WELL (APPROXIMATE)
- WATER VALVE
- HYDRANT
- POWER POLE
- LIGHT POLE
- OVERHEAD ELECTRIC
- SANITARY SEWER & MANHOLE
- CULVERT
- MSL MEAN SEA LEVEL

- NOTES:**
- MW-1, MW-2, AND MW-3 CONSTRUCTED BY REI IN 1993.
  - MW-101 THROUGH MW-109 AND PZ-101 THROUGH PZ-104 INSTALLED BY NRT IN 1996.
  - MW-110, MW-111, MW-112, AND PZ-105 INSTALLED BY NRT IN 1997.
  - OW-1, OW-2, AND OW-3 CONSTRUCTION UNKNOWN.

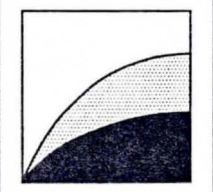


**SOURCE NOTE:**  
THIS MAP WAS DEVELOPED FROM SURVEY BY TECHNICAL ENGINEERING SUPPORT SERVICES (TESS), DATED 8/5/96 AND 10/3/96.



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CHECKED BY:	BSK	DATE:	02/03/98
APPROVED BY:	TEM	DATE:	2-3-98
AUTOCAD FILE: 1135-B20.DWG			

**PIEZOMETRIC SURFACE ELEVATION CONTOURS**  
**OCTOBER 29, 1997**  
 ADDITIONAL SITE INVESTIGATION  
 FORMER AMERICAN GRAPHICS, INC. FACILITY  
 610 MAIN STREET  
 GOODMAN, WISCONSIN



**Natural Resource Technology**

PROJECT NO.  
1135/7

DRAWING NO.  
1135-B20

FIGURE NO.  
5

**LEGEND**

**600** RESIDENTIAL HOME WITH A BASEMENT

**309** RESIDENTIAL HOME WITHOUT A BASEMENT

PZ-105 PIEZOMETER

MW-103 MONITORING WELL

SB-101 SOIL BORING

SW-101 STAFF GAUGE

PPW-101 PRIVATE POTABLE WELL (APPROXIMATE)

WV WATER VALVE

HYDRANT

PP POWER POLE

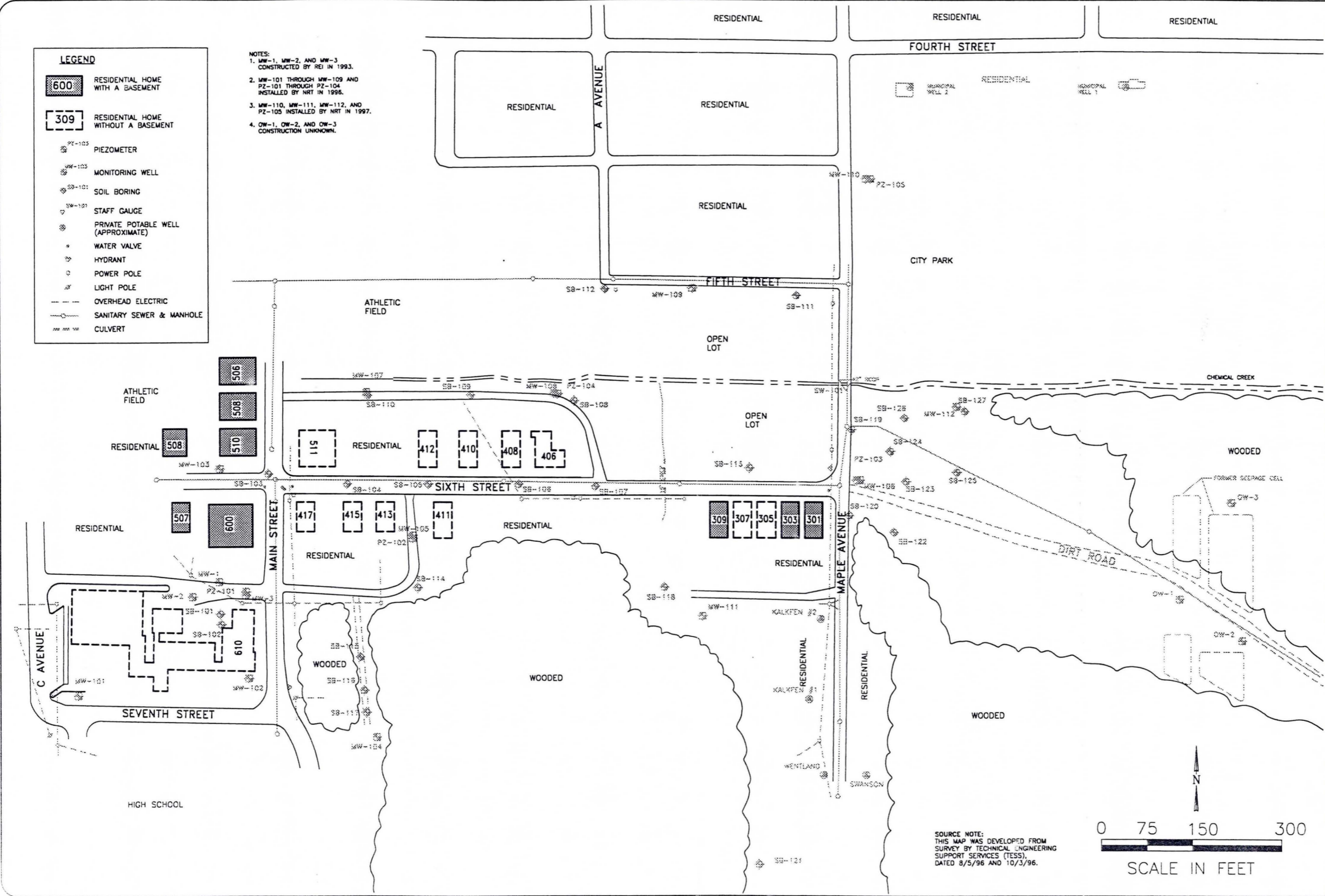
LP LIGHT POLE

OE OVERHEAD ELECTRIC

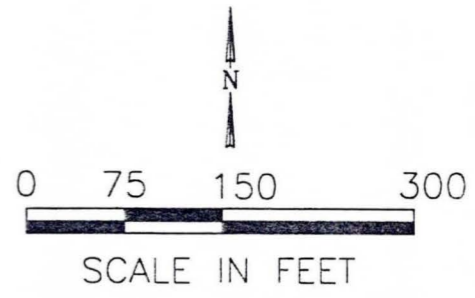
SSM SANITARY SEWER & MANHOLE

CV CULVERT

- NOTES:**
- MW-1, MW-2, AND MW-3 CONSTRUCTED BY REI IN 1993.
  - MW-101 THROUGH MW-109 AND PZ-101 THROUGH PZ-104 INSTALLED BY NRT IN 1996.
  - MW-110, MW-111, MW-112, AND PZ-105 INSTALLED BY NRT IN 1997.
  - OW-1, OW-2, AND OW-3 CONSTRUCTION UNKNOWN.



**SOURCE NOTE:**  
 THIS MAP WAS DEVELOPED FROM SURVEY BY TECHNICAL ENGINEERING SUPPORT SERVICES (TESS), DATED 8/5/96 AND 10/3/96.



DRAWN BY:	TAS	DATE:	1/27/98
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AUTOCAD FILE: 1135-22.DWG			

**BASEMENT LOCATIONS**

ADDITIONAL SITE INVESTIGATION  
 FORMER AMERICAN GRAPHICS, INC. FACILITY  
 610 MAIN STREET  
 GOODMAN, WISCONSIN

**Natural Resource Technology**

PROJECT NO.  
1135/7

DRAWING NO.  
1135-B22

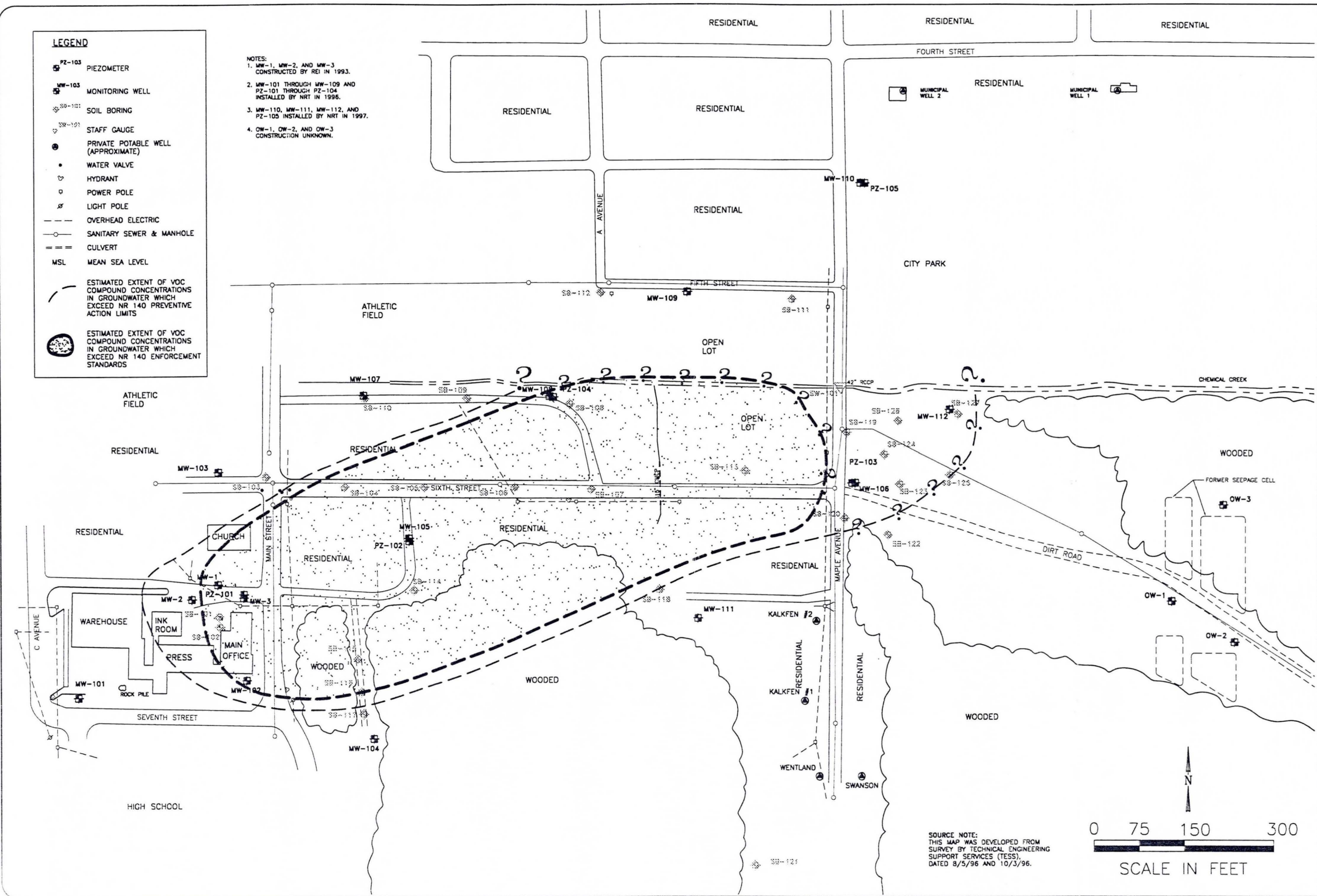
FIGURE NO.  
6

**LEGEND**

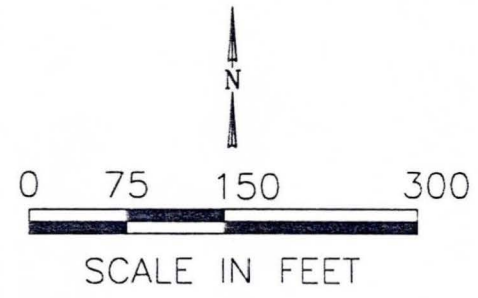
- PZ-103 PIEZOMETER
- MW-103 MONITORING WELL
- SB-101 SOIL BORING
- SG-101 STAFF GAUGE
- PRIVATE POTABLE WELL (APPROXIMATE)
- WATER VALVE
- HYDRANT
- POWER POLE
- LIGHT POLE
- OVERHEAD ELECTRIC
- SANITARY SEWER & MANHOLE
- CULVERT
- MSL MEAN SEA LEVEL
- ESTIMATED EXTENT OF VOC COMPOUND CONCENTRATIONS IN GROUNDWATER WHICH EXCEED NR 140 PREVENTIVE ACTION LIMITS
- ESTIMATED EXTENT OF VOC COMPOUND CONCENTRATIONS IN GROUNDWATER WHICH EXCEED NR 140 ENFORCEMENT STANDARDS

**NOTES:**

- MW-1, MW-2, AND MW-3 CONSTRUCTED BY REI IN 1993.
- MW-101 THROUGH MW-109 AND PZ-101 THROUGH PZ-104 INSTALLED BY NRT IN 1996.
- MW-110, MW-111, MW-112, AND PZ-105 INSTALLED BY NRT IN 1997.
- OW-1, OW-2, AND OW-3 CONSTRUCTION UNKNOWN.

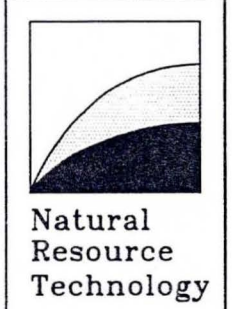


**SOURCE NOTE:**  
 THIS MAP WAS DEVELOPED FROM SURVEY BY TECHNICAL ENGINEERING SUPPORT SERVICES (TESS), DATED 8/5/96 AND 10/3/96.



DRAWN BY:	TAS	DATE:	1/30/98
CHECKED BY:	BSH	DATE:	02/03/98
APPROVED BY:	TEM	DATE:	2-3-98
AUTOCAD FILE: 1135-23.DWG			

ESTIMATED EXTENT OF  
 GROUNDWATER PLUME  
 ADDITIONAL SITE INVESTIGATION  
 FORMER AMERICAN GRAPHICS, INC. FACILITY  
 610 MAIN STREET  
 GOODMAN, WISCONSIN



PROJECT NO.	1135/7
DRAWING NO.	1135-B23
FIGURE NO.	7



**TABLES**

**Table 1**  
**Monitoring Well Construction Summary and Groundwater Elevations**  
**Additional Site Investigation**  
**Former American Graphics, Inc. Facility**  
**Village of Goodman, Wisconsin**

Monitoring Location	Ground Surface Elevation (MSL)	TOC Elevation (MSL)	Total Well Depth from TOC (feet)	Well Screen Length (feet)	Top of Well Screen Elevation (MSL)	Base of Well Elevation (MSL)	Monitoring Date	Depth to Water from TOC (feet)	Groundwater Elevation (MSL)
MW-1	1415.30	1415.07	34.22	10	1390.85	1380.85	05-Aug-96	28.63	1386.44
							06-Aug-96	28.66	1386.41
							04-Sep-96	28.93	1386.14
							10-Oct-96	29.07	1386.00
							25-Jun-97	29.17	1385.90
							29-Oct-97	29.63	1385.44
MW-2	1417.67	1417.34	36.71	10	1390.63	1380.63	05-Aug-96	30.51	1386.83
							06-Aug-96	30.53	1386.81
							04-Sep-96	30.80	1386.54
							10-Oct-96	29.96	1387.38
							25-Jun-97	31.11	1386.23
							29-Oct-97	31.57	1385.77
MW-3	1413.90	1413.42	34.23	10	1389.19	1379.19	05-Aug-96	27.33	1386.09
							06-Aug-96	27.35	1386.07
							04-Sep-96	27.62	1385.80
							10-Oct-96	27.76	1385.66
							25-Jun-97	27.88	1385.54
							29-Oct-97	28.31	1385.11
PZ-101	1413.77	1413.42	81.73	5	1336.69	1331.69	05-Aug-96	27.32	1386.10
							06-Aug-96	27.34	1386.08
							04-Sep-96	27.57	1385.85
							10-Oct-96	27.71	1385.71
							25-Jun-97	27.80	1385.62
							29-Oct-97	28.25	1385.17
MW-101	1429.24	1431.69	56.51	10	1385.18	1375.18	05-Aug-96	42.74	1388.95
							06-Aug-96	42.93	1388.76
							04-Sep-96	43.16	1388.53
							10-Oct-96	43.35	1388.34
							25-Jun-97	43.68	1388.01
							29-Oct-97	44.09	1387.60

Table 1 - Monitoring Well Construction Summary and Groundwater Elevations

Monitoring Location	Ground Surface Elevation (MSL)	TOC Elevation (MSL)	Total Well Depth from TOC (feet)	Well Screen Length (feet)	Top of Well Screen Elevation (MSL)	Base of Well Elevation (MSL)	Monitoring Date	Depth to Water from TOC (feet)	Groundwater Elevation (MSL)
MW-102	1423.74	1423.44	42.65	10	1390.79	1380.79	05-Aug-96	36.80	1386.64
							06-Aug-96	36.81	1386.63
							04-Sep-96	37.05	1386.39
							10-Oct-96	37.22	1386.22
							25-Jun-97	37.42	1386.02
							29-Oct-97	37.85	1385.59
MW-103	1396.89	1396.57	17.03	10	1389.54	1379.54	05-Aug-96	10.74	1385.83
							06-Aug-96	10.76	1385.81
							04-Sep-96	11.08	1385.49
							10-Oct-96	11.14	1385.43
							25-Jun-97	11.16	1385.41
							29-Oct-97	11.59	1384.98
MW-104	1404.50	1407.11	27.61	10	1389.50	1379.50	05-Aug-96	22.24	1384.87
							06-Aug-96	22.27	1384.84
							04-Sep-96	22.50	1384.61
							10-Oct-96	22.64	1384.47
							25-Jun-97	23.80	1383.31
							29-Oct-97	23.24	1383.87
MW-105	1386.21	1385.87	13.58	10	1382.29	1372.29	05-Aug-96	3.64	1382.23
							06-Aug-96	3.07	1382.80
							04-Sep-96	3.97	1381.90
							10-Oct-96	3.42	1382.45
							25-Jun-97	3.99	1381.88
							29-Oct-97	4.38	1381.49
PZ-102	1386.28	1385.91	60.92	5	1329.99	1324.99	05-Aug-96	3.07	1382.84
							06-Aug-96	3.65	1382.26
							04-Sep-96	3.37	1382.54
							10-Oct-96	3.95	1381.96
							25-Jun-97	3.42	1382.49
							29-Oct-97	3.82	1382.09
MW-106	1381.68	1381.39	13.85	10	1377.54	1367.54	05-Aug-96	6.99	1374.40
							06-Aug-96	7.03	1374.36
							04-Sep-96	7.42	1373.97
							10-Oct-96	7.38	1374.01
							25-Jun-97	7.13	1374.26
							29-Oct-97	7.55	1373.84

Table 1 - Monitoring Well Construction Summary and Groundwater Elevations



Monitoring Location	Ground Surface Elevation (MSL)	TOC Elevation (MSL)	Total Well Depth from TOC (feet)	Well Screen Length (feet)	Top of Well Screen Elevation (MSL)	Base of Well Elevation (MSL)	Monitoring Date	Depth to Water from TOC (feet)	Groundwater Elevation (MSL)
PZ-103	1381.66	1381.24	49.83	5	1336.41	1331.41	05-Aug-96	6.91	1374.33
							06-Aug-96	6.93	1374.31
							04-Sep-96	7.26	1373.98
							10-Oct-96	7.26	1373.98
							25-Jun-97	7.10	1374.14
							29-Oct-97	7.51	1373.73
MW-107	1381.60	1381.22	13.16	10	1378.06	1368.06	10-Oct-96	0.63	1380.59
							25-Jun-97	0.59	1380.63
							29-Oct-97	0.87	1380.35
MW-108	1378.02	1377.80	12.84	10	1374.96	1364.96	10-Oct-96	1.75	1376.05
							25-Jun-97	1.58	1376.22
							29-Oct-97	1.87	1375.93
PZ-104	1377.94	1377.30	47.68	5	1334.62	1329.62	10-Oct-96	0.90	1376.40
							25-Jun-97	0.75	1376.55
							29-Oct-97	0.98	1376.32
MW-109	1381.51	1380.96	13.82	10	1377.14	1367.14	10-Oct-96	5.54	1375.42
							25-Jun-97	5.22	1375.74
							29-Oct-97	5.71	1375.25
MW-110	1377.31	1377.09	14.27	10	1372.82	1362.82	25-Jun-97	2.72	1374.37
							29-Oct-97	3.80	1373.29
PZ-105	1377.21	1376.96	50.41	10	1336.55	1326.55	25-Jun-97	2.37	1374.59
							29-Oct-97	3.65	1373.31
MW-111	1396.11	1386.26	13.26	10	1383.00	1373.00	25-Jun-97	2.29	1383.97
							29-Oct-97	9.45	1376.81
MW-112	1374.96	1374.53	15.40	10	1369.13	1359.13	25-Jun-97	8.70	1365.83
							29-Oct-97	2.61	1371.92
OW-1	1380.12	1381.61	14.26	nk	nk	1367.35	10-Oct-96	11.11	1370.50
							25-Jun-97	nm	nm
							29-Oct-97	nm	nm
OW-2	1382.79	1384.85	20.78	nk	nk	1364.07	10-Oct-96	14.71	1370.14
							25-Jun-97	14.60	1370.25
							29-Oct-97	14.94	1369.91

Table 1 - Monitoring Well Construction Summary and Groundwater Elevations

Monitoring Location	Ground Surface Elevation (MSL)	TOC Elevation (MSL)	Total Well Depth from TOC (feet)	Well Screen Length (feet)	Top of Well Screen Elevation (MSL)	Base of Well Elevation (MSL)	Monitoring Date	Depth to Water from TOC (feet)	Groundwater Elevation (MSL)
OW-3	1375.07	1376.86	16.71	nk	nk	1360.15	10-Oct-96	6.90	1369.96
							25-Jun-97	6.81	1370.05
							29-Oct-97	7.04	1369.82
SW-101	na	1375.33	na	na	na	na	05-Aug-96	2.93	1372.40
							06-Aug-96	2.91	1372.42
							04-Sep-96	3.19	1372.14
							10-Oct-96	3.23	1372.10
							25-Jun-97	3.19	1372.14
							29-Oct-97	3.33	1372.00

MSL: Elevation in feet above mean sea level  
 TOC Top of PVC casing  
 na: not applicable  
 nk: not known

prepared by: BJK 10/23/96
checked by: DVP 10/23/96
updated by: BJK 1/22/98

Table 1 - Monitoring Well Construction Summary and Groundwater Elevations

Table 2 - Summary of Groundwater Laboratory VOC Analyses  
 Site Investigation - Former American Graphics, Inc. Facility  
 Village of Goodman, Wisconsin

		VOCs (µg/L)																	
Sampling Location	Sampling Date	Acetone	Acrolein	Benzene	Bromodichloromethane	Carbon Disulfide	Chloroethane	Chloroform	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	Methylene Chloride	MIBK	Tetrachloroethene	Tetrahydrofuran	Toluene	Trichloroethene	1,1,1-Trichloroethane
MW-1	11/24/93	-	-	nr	nr	-	nr	nr	27.1	nr	28.1	nr	nr	-	nr	nr	3.7	2.4	3,163
	08/06/96	-	-	<5.0	<10	-	<40	<10	15	<10	28	<10	<100	-	<10	-	15	<10	1,500
	09/05/96	-	-	<2.5	<5.0	-	<20	<5.0	14	<5.0	32	<5.0	<50	-	<5.0	-	8.0	<5.0	1,600
	06/25/97	-	-	<0.31	<0.20	-	<1.2	<0.18	4.2	<0.20	6.5	<0.23	<0.87	-	<0.63	-	<0.39	<0.49	390
	10/30/97	<15	<16	<1.6	<1.0	<5.0	<6.0	<0.90	3.5	<1.0	6.6	<1.2	<4.4	<1.8	<3.2	<9.5	<2.0	<2.4	400
	10/30/97*	<3.0	<3.2	<0.31	<0.20	<1.0	<1.2	<0.18	3.9	<0.20	9.3	1.3	<0.87	<0.37	<0.63	<1.9	<0.39	<0.49	420 E
MW-2	11/24/93	-	-	nr	nr	-	nr	nr	5.9	nr	15.3	nr	nr	-	nr	-	nr	0.6	935
	08/06/96	-	-	<5.0	<10	-	<40	<10	13	<10	23	<10	<100	-	<10	-	<10	<10	1,400
	09/05/96	-	-	<1.0	<2.0	-	<8.0	<2.0	4.6	<2.0	10	<2.0	<20	-	<2.0	-	<2.0	<2.0	520
	06/25/97	-	-	<0.31	<0.20	-	<1.2	<0.18	1.7	<0.20	2.9	<0.23	<0.87	-	<0.63	-	<0.39	<0.49	190
	10/30/97	<6.0	<6.4	<0.62	<0.40	<2.0	<2.4	<0.36	0.68	<0.40	2.0	<0.46	<1.7	<0.74	<1.3	<3.8	<0.78	<0.98	110
MW-3	11/24/93	-	-	nr	nr	-	nr	nr	261	14.7	64.0	nr	nr	-	nr	-	5,210	3	6,750
	08/06/96	-	-	<25	<50	-	<200	<50	62	<50	<100	<50	<500	-	<50	-	10,000	<50	2,800
	09/05/96	-	-	<25	<50	-	<200	<50	<50	<50	<100	<50	<500	-	<50	-	12,000	<50	3,300
	06/25/97	-	-	<3.1	<2.0	-	<12	<1.8	16	<2.0	24	<2.3	<8.7	-	<6.3	-	16	<4.9	1,700
	10/30/97	1,500	<32	<3.1	<2.0	<10	<12	<1.8	32	<2.0	36	<2.3	<8.7	43	<6.3	<19	11,000 E	<4.9	4,200 E
PZ-101	08/06/96	-	-	<0.50	<1.0	-	<4.0	35	<1.0	<1.0	<2.0	<1.0	<10	-	<1.0	-	1.4	<1.0	2.6
	09/05/96	-	-	0.76	<1.0	-	<4.0	17	<1.0	<1.0	<2.0	<1.0	<10	-	<1.0	-	2	<1.0	1.6
	10/03/96	-	-	<0.50	<1.0	-	<4.0	<1.0	<1.0	<1.0	<2.0	<1.0	<10	-	<1.0	-	<1.0	<1.0	<1.0
	06/25/97	-	-	<0.31	<0.20	-	<1.2	<0.18	<0.25	<0.20	<0.73	<0.23	<0.87	-	<0.63	-	<0.39	<0.49	<0.28
	10/30/97	3.5	<3.2	<0.31	<0.20	<1.0	<1.2	<0.18	<0.25	<0.20	<0.73	<0.23	<0.87	<0.37	<0.63	3.1	<0.39	<0.49	2.9
MW-101	08/06/96	-	-	<0.50	<1.0	-	<4.0	<1.0	<1.0	<1.0	<2.0	<1.0	<10	-	<1.0	-	<1.0	<1.0	<1.0
	09/05/96	-	-	<0.50	<1.0	-	<4.0	<1.0	<1.0	<1.0	<2.0	<1.0	<10	-	<1.0	-	<1.0	<1.0	<1.0
	10/03/96	-	-	<0.50	<1.0	-	<4.0	<1.0	<1.0	<1.0	<2.0	<1.0	<10	-	<1.0	-	1.6	<1.0	<1.0
	06/25/97	-	-	<0.31	<0.20	-	<1.2	<0.18	<0.25	<0.20	<0.73	<0.23	<0.87	-	<0.63	-	<0.39	<0.49	<0.28
	10/29/97	<3.0	<3.2	<0.31	<0.20	<1.0	<1.2	<0.18	<0.25	<0.20	<0.73	<0.23	<0.87	<0.37	<0.63	<1.9	<0.39	<0.49	<0.28
		NR 140 Groundwater Quality Standards																	
Preventive Action Limit		200	ne	0.5	0.06	ne	80	0.6	85	0.5	0.7	7	0.5	50	0.5	50	68.6	0.5	40
Enforcement Standard		1,000	ne	5	0.6	ne	400	6	850	5	7	70	5	500	5	10	343	5	200

Table 2, continued - Summary of Groundwater Laboratory VOC Analyses  
 Site Investigation - Former American Graphics, Inc. Facility  
 Village of Goodman, Wisconsin

		VOCs (µg/L)																	
Sampling Location	Sampling Date	Acetone	Acrolein	Benzene	Bromodichloromethane	Carbon Disulfide	Chloroethane	Chloroform	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	Methylene Chloride	MIBK	Tetrachloroethene	Tetrahydrofuran	Toluene	Trichloroethene	1,1,1-Trichloroethane
MW-102	08/06/96	--	--	<0.50	<1.0	--	<4.0	<1.0	2.4	<1.0	8.2	<1.0	<1.0	--	<1.0	--	<1.0	<1.0	160
	09/05/96	--	--	<0.50	<1.0	--	<4.0	<1.0	1.7	<1.0	4.2	<1.0	<1.0	--	<1.0	--	<1.0	<1.0	110
	10/03/96	--	--	<0.50	<1.0	--	<4.0	<1.0	1.2	<1.0	44	<1.0	<1.0	--	<1.0	--	<1.0	<1.0	270
	06/25/97	--	--	<0.31	<0.20	--	<1.2	<0.18	<0.25	<0.20	4.9	<0.23	<0.87	--	<0.63	--	<0.39	<0.49	140
	10/29/97	<6.0	<6.4	<0.62	<0.40	<2.0	<2.4	<0.36	<0.50	<0.40	13	<0.46	3.4	<0.74	<1.3	<3.8	<0.78	<0.98	280
	10/29/97*	<3.0	<3.2	<0.31	<0.20	<1.0	<1.2	0.20	<0.25	<0.20	4.5	<0.23	1.1	<0.37	<0.63	<1.9	<0.39	<0.49	110
MW-103	08/06/96	--	--	<0.50	<1.0	--	<4.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	--	<1.0	--	<1.0	<1.0	<1.0
	09/05/96	--	--	<0.50	<1.0	--	<4.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	--	<1.0	--	<1.0	<1.0	<1.0
	10/03/96	--	--	<0.50	<1.0	--	<4.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	--	<1.0	--	1.2	<1.0	<1.0
	06/25/97	--	--	<0.31	<0.20	--	<1.2	<0.18	<0.25	<0.20	<0.73	<0.23	<0.87	--	<0.63	--	<0.39	<0.49	<0.28
	10/29/97	<3.0	<3.2	<0.31	<0.20	<1.0	<1.2	<0.18	<0.25	<0.20	<0.73	<0.23	<0.87	<0.37	<0.63	<1.9	<0.39	<0.49	<0.28
MW-104	08/06/96	--	--	<0.50	<1.0	--	<4.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	--	<1.0	--	1.1	<1.0	<1.0
	09/05/96	--	--	<0.50	<1.0	--	<4.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	--	<1.0	--	<1.0	<1.0	<1.0
	10/03/96	--	--	<0.50	<1.0	--	<4.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	--	<1.0	--	2.7	<1.0	<1.0
	06/25/97	--	--	<0.31	<0.20	--	<1.2	<0.18	<0.25	<0.20	<0.73	<0.23	<0.87	--	<0.63	--	<0.39	<0.49	<0.28
	10/29/97	<3.0	<3.2	<0.31	<0.20	<1.0	<1.2	<0.18	<0.25	<0.20	<0.73	<0.23	<0.87	<0.37	<0.63	<1.9	<0.39	<0.49	<0.28
MW-105	08/06/96	--	--	<25	<50	--	<200	<50	<50	<50	<100	<50	<500	--	<50	--	5,200	<50	3,800
	09/05/96	--	--	<25	<50	--	<200	<50	<50	<50	<100	<50	<500	--	<50	--	4,000	<50	2,700
	10/03/96	--	--	<25	<50	--	<200	<50	<50	<50	55	<50	<500	--	59	--	3,200	<50	2,300
	06/25/97	--	--	<6.2	<4.0	--	<24	<3.6	18	<4.0	24	<4.6	<17	--	<13	--	2,100	<9.8	1,500
	10/30/97	2,700	<64	<6.2	<4.0	<20	<24	<3.6	<5.0	<4.0	<15	<4.6	<17	<7.4	<13	<38	89	<9.8	440
PZ-102	08/06/96	--	--	0.54	<1.0	--	<4.0	61	<1.0	<1.0	<2.0	<1.0	<1.0	--	<1.0	--	<1.0	<1.0	<1.0
	09/05/96	--	--	<0.50	<1.0	--	<4.0	34	<1.0	<1.0	<2.0	<1.0	<1.0	--	<1.0	--	1.7	<1.0	1.7
	10/03/96	--	--	<0.50	<1.0	--	<4.0	2.4	<1.0	<1.0	<2.0	<1.0	<1.0	--	<1.0	--	<1.0	<1.0	<1.0
	06/25/97	--	--	<0.31	<0.20	--	<1.2	<0.18	<0.25	<0.20	<0.73	<0.23	<0.87	--	<0.63	--	<0.39	<0.49	0.31
	10/30/97	<3.0	<3.2	<0.31	<0.20	<1.0	<1.2	<0.18	<0.25	<0.20	<0.73	<0.23	<0.87	<0.37	<0.63	<1.9	0.39	<0.49	4.3
NR 140 Groundwater Quality Standards																			
Preventive Action Limit		200	ne	0.5	0.06	ne	80	0.6	85	0.5	0.7	7	0.5	50	0.5	50	68.6	0.5	40
Enforcement Standard		1,000	ne	5	0.6	ne	400	6	850	5	7	70	5	500	5	10	343	5	200

Table 2, continued - Summary of Groundwater Laboratory VOC Analyses  
 Site Investigation - Former American Graphics, Inc. Facility  
 Village of Goodman, Wisconsin

		VOCs (µg/L)																	
Sampling Location	Sampling Date	Acetone	Acrolein	Benzene	Bromodichloromethane	Carbon Disulfide	Chloroethane	Chloroform	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	Methylene Chloride	MIBK	Tetrachloroethene	Tetrahydrofuran	Toluene	Trichloroethene	1,1,1-Trichloroethane
MW-106	08/06/96	-	-	<0.50	<1.0	-	<4.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	-	<1.0	-	<1.0	<1.0	<1.0
	09/05/96	-	-	<0.50	<1.0	-	<4.0	2.6	33	<1.0	5.6	<1.0	<1.0	-	<1.0	-	<1.0	<1.0	140
	10/03/96	-	-	<0.50	<1.0	-	<4.0	1.4	19	<1.0	6.1	<1.0	<1.0	-	<1.0	-	<1.0	<1.0	130
	06/25/97	-	-	<0.31	<0.20	-	<1.2	<0.18	<0.25	<0.20	<0.73	<0.23	<0.87	-	<0.63	-	<0.39	<0.49	<0.28
	10/30/97	<3.0	8.1	<0.31	<0.20	<1.0	<1.2	<0.18	8.9	<0.20	1.4	<0.23	<0.87	<0.37	<0.63	<1.9	<0.39	<0.49	31
PZ-103	08/06/96	-	-	<0.50	<1.0	-	<4.0	26	<1.0	<1.0	<2.0	<1.0	<1.0	-	<1.0	-	1.5	<1.0	<1.0
	09/05/96	-	-	1.2	<1.0	-	<4.0	6.6	<1.0	<1.0	<2.0	<1.0	<1.0	-	<1.0	-	2.0	<1.0	<1.0
	10/03/96	-	-	1.4	<1.0	-	<4.0	1.8	<1.0	<1.0	<2.0	<1.0	<1.0	-	<1.0	-	1.3	<1.0	<1.0
	06/25/97	-	-	<0.31	<0.20	-	<1.2	<0.18	<0.25	<0.20	<0.73	<0.23	<0.87	-	<0.63	-	<0.39	<0.49	<0.28
	10/30/97	<3.0	<3.2	<0.31	<0.20	<1.0	<1.2	<0.18	<0.25	<0.20	<0.73	<0.23	<0.87	<0.37	<0.63	<1.9	<0.39	<0.49	<0.28
MW-107	10/03/96	-	-	<0.50	<1.0	-	<4.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	-	<1.0	-	<1.0	<1.0	<1.0
	06/26/97	-	-	<0.31	<0.20	-	<1.2	<0.18	<0.25	<0.20	<0.73	<0.23	<0.87	-	<0.63	-	<0.39	<0.49	<0.28
	10/29/97	<3.0	<3.2	<0.31	<0.20	<1.0	<1.2	<0.18	<0.25	<0.20	<0.73	<0.23	<0.87	<0.37	<0.63	<1.9	<0.39	<0.49	<0.28
MW-108	10/03/96	-	-	<0.50	<1.0	-	<4.0	1.0	6.6	<1.0	37	<1.0	<1.0	-	<1.0	-	<1.0	<1.0	920
	06/26/97	-	-	<0.31	<0.20	-	<1.2	0.47	4.6	<0.20	15	<0.23	<0.87	-	<0.63	-	<0.39	<0.49	430
	10/30/97	<15	<16	<1.6	<1.0	<5.0	<6.0	<0.90	2.8	<1.0	7.6	<1.2	<4.4	<1.8	<3.2	<9.5	<2.0	<2.4	290
PZ-104	10/03/96	-	-	<0.50	<1.0	-	<4.0	1.4	<1.0	<1.0	<2.0	<1.0	<1.0	-	<1.0	-	<1.0	<1.0	<1.0
	06/26/97	-	-	<0.31	<0.20	-	<1.2	<0.18	<0.25	<0.20	<0.73	<0.23	<0.87	-	<0.63	-	<0.39	<0.49	<0.28
	10/30/97	<3.0	<3.2	<0.31	<0.20	<1.0	<1.2	<0.18	<0.25	<0.20	<0.73	<0.23	<0.87	<0.37	<0.63	<1.9	<0.39	<0.49	<0.28
MW-109	10/03/96	-	-	<0.50	<1.0	-	<4.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	-	<1.0	-	<1.0	<1.0	<1.0
	06/26/97	-	-	<0.31	<0.20	-	<1.2	<0.18	<0.25	<0.20	<0.73	<0.23	<0.87	-	<0.63	-	<0.39	<0.49	<0.28
	10/29/97	<3.0	<3.2	<0.31	<0.20	<1.0	<1.2	<0.18	<0.25	<0.20	<0.73	<0.23	<0.87	<0.37	<0.63	<1.9	<0.39	<0.49	<0.28
MW-110	06/26/97	-	-	<0.31	<0.20	-	<1.2	<0.18	<0.25	<0.20	<0.73	<0.23	<0.87	-	<0.63	-	<0.39	<0.49	<0.28
	10/29/97	<3.0	<3.2	<0.31	<0.20	1.3	<1.2	<0.18	<0.25	<0.20	<0.73	<0.23	<0.87	<0.37	<0.63	<1.9	<0.39	<0.49	<0.28
<i>NR 140 Groundwater Quality Standards</i>																			
Preventive Action Limit		200	ne	0.5	0.06	ne	80	0.6	85	0.5	0.7	7	0.5	50	0.5	50	68.6	0.5	40
Enforcement Standard		1,000	ne	5	0.6	ne	400	6	850	5	7	70	5	500	5	10	343	5	200

Table 2, continued - Summary of Groundwater Laboratory VOC Analyses  
 Site Investigation - Former American Graphics, Inc. Facility  
 Village of Goodman, Wisconsin

Sampling Location	Sampling Date	VOCs (µg/L)																	
		Acetone	Acrolein	Benzene	Bromodichloromethane	Carbon Disulfide	Chloroethane	Chloroform	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	Methylene Chloride	MIBK	Tetrachloroethene	Tetrahydrofuran	Toluene	Trichloroethene	1,1,1-Trichloroethane
PZ-105	06/26/97	--	--	<0.31	0.21	--	<1.2	9.4	<0.25	<0.20	<0.73	<0.23	<0.87	--	<0.63	--	<0.39	<0.49	<0.28
	10/29/97	<3.0	<3.2	<0.31	<0.20	<1.0	<1.2	<0.18	<0.25	<0.20	<0.73	<0.23	<0.87	<0.37	<0.63	<1.9	<0.39	<0.49	<0.28
MW-111	06/26/97	--	--	<0.31	<0.20	--	<1.2	<0.18	<0.25	<0.20	<0.73	<0.23	<0.87	--	<0.63	--	<0.39	<0.49	<0.28
	10/29/97	<3.0	<3.2	<0.31	<0.20	<1.0	<1.2	<0.18	<0.25	<0.20	<0.73	<0.23	1.0	<0.37	<0.63	<1.9	<0.39	<0.49	<0.28
MW-112	06/26/97	--	--	<0.31	<0.20	--	9.3	<0.18	16	<0.20	1.2	<0.23	<0.87	--	<0.63	--	<0.39	<0.49	4.2
	10/29/97	<3.0	<3.2	<0.31	<0.20	<1.0	40	<0.18	17	<0.20	1.5	<0.23	1.1	<0.37	<0.63	<1.9	<0.39	<0.49	1.1
OW-1	10/03/96	--	--	<0.50	<1.0	--	<4.0	<1.0	<1.0	<1.0	<2.0	<1.0	<10	--	<1.0	--	<1.0	<1.0	<1.0
OW-2	10/03/96	--	--	<0.50	<1.0	--	<4.0	<1.0	<1.0	<1.0	<2.0	<1.0	<10	--	<1.0	--	<1.0	<1.0	<1.0
OW-3	10/04/96	--	--	<0.50	<1.0	--	<4.0	<1.0	<1.0	<1.0	<2.0	<1.0	<10	--	<1.0	--	<1.0	<1.0	<1.0
<i>Quality Assurance / Quality Control Samples</i>																			
Trip Blank	10/29/97	8.4	<3.2	<0.31	<0.20	<1.0	<1.2	<0.18	<0.25	<0.20	<0.73	<0.23	3.8	<0.37	<0.63	<1.9	<0.39	<0.49	<0.28
<i>NR 140 Groundwater Quality Standards</i>																			
Preventive Action Limit		200	nr	0.5	0.06	nr	80	0.6	85	0.5	0.7	7	0.5	50	0.5	50	68.6	0.5	40
Enforcement Standard		1,000	nr	5	0.6	nr	400	6	850	5	7	70	5	500	5	10	343	5	200

- Notes:**
1. Detected concentrations are shown in bold
  2. Preventive Action Limit exceedance is boxed.
  3. Enforcement Standard exceedance is shaded and boxed.
  4. Monitoring wells MW-1, MW-2, and MW-3 were installed by REI. REI collected 1993 groundwater samples.
  5. Only compounds detected by laboratory analyses are presented in the above table.

- nd = parameter not detected above laboratory MDL.  
 nr = detection of compound was not reported in the REI report.  
 -- = parameter not analyzed.  
 \* = duplicate sample.  
 E = estimated concentration.

prepared by: BJK  
 checked by: DVP 11/21/97  
 updated by: TEM 1/23/98

Table 3  
 Vertical Hydraulic Gradients  
 Additional Site Investigation  
 Former American Graphics, Inc. Facility  
 Village of Goodman, Wisconsin

Well	Top of Well Screen Elevation (MSL)	Base of Well Elevation (MSL)	Middle of Screen Elevation (MSL)	Water Table Elevation (MSL)	Monitoring Date	Depth to Water from TOC (feet)	Groundwater Elevation (MSL)	Change in Head (dh) feet	Change in distance (dl) feet	Vertical Hydraulic Gradient (dh/dl)
MW-3	1389.19	1379.19	na	1386.09	05-Aug-96	27.33	1386.09	-0.01	51.90	-1.9E-04 upward
				1386.07	06-Aug-96	27.35	1386.07	-0.01	51.88	-1.9E-04 upward
				1385.80	04-Sep-96	27.62	1385.80	-0.05	51.61	-9.7E-04 upward
				1385.66	10-Oct-96	27.76	1385.66	-0.05	51.47	-9.7E-04 upward
				1385.54	25-Jun-97	27.88	1385.54	-0.08	51.35	-1.6E-03 upward
				1385.11	29-Oct-97	28.31	1385.11	-0.06	50.92	-1.2E-03 upward
PZ-101	1336.69	1331.69	1334.19	na	05-Aug-96	27.32	1386.10			
				na	06-Aug-96	27.34	1386.08			
				na	04-Sep-96	27.57	1385.85			
				na	10-Oct-96	27.71	1385.71			
				na	25-Jun-97	27.80	1385.62			
				na	29-Oct-97	28.25	1385.17			
MW-105	1382.29	1372.29	na	1382.23	05-Aug-96	3.64	1382.23	-0.61	54.74	-1.1E-02 upward
			na	1382.22	06-Aug-96	3.65	1382.22	-0.62	54.73	-1.1E-02 upward
			na	1381.90	04-Sep-96	3.97	1381.90	-0.64	54.41	-1.2E-02 upward
			na	1382.45	10-Oct-96	3.42	1382.45	0.49	54.96	8.9E-03 downward
				1381.88	25-Jun-97	3.99	1381.88	-0.61	54.39	-1.1E-02 upward
				1381.49	29-Oct-97	4.38	1381.49	-0.60	54.00	-1.1E-02 upward
PZ-102	1329.99	1324.99	1327.49	na	05-Aug-96	3.07	1382.84			
				na	06-Aug-96	3.07	1382.84			
				na	04-Sep-96	3.37	1382.54			
				na	10-Oct-96	3.95	1381.96			
				na	25-Jun-97	3.42	1382.49			
				na	29-Oct-97	3.82	1382.09			

Table 3 - Vertical Hydraulic Gradients

Well	Top of Well Screen Elevation (MSL)	Base of Well Elevation (MSL)	Middle of Screen Elevation (MSL)	Water Table Elevation (MSL)	Monitoring Date	Depth to Water from TOC (feet)	Groundwater Elevation (MSL)	Change in Head (dh) feet	Change in distance (dl) feet	Vertical Hydraulic Gradient (dh/dl)
MW-106	1377.54	1367.54	na	1374.40	05-Aug-96	6.99	1374.40	0.07	40.49	1.7E-03 downward
			na	1374.36	06-Aug-96	7.03	1374.36	0.05	40.45	1.2E-03 downward
			na	1373.97	04-Sep-96	7.42	1373.97	-0.01	40.06	-2.5E-04 upward
			na	1374.01	10-Oct-96	7.38	1374.01	0.03	40.10	7.5E-04 downward
			na	1374.26	25-Jun-97	7.13	1374.26	0.12	40.35	3.0E-03 downward
			na	1373.84	29-Oct-97	7.55	1373.84	0.11	39.93	2.8E-03 downward
PZ-103	1336.41	1331.41	1333.91	na	05-Aug-96	6.91	1374.33			
			na	na	06-Aug-96	6.93	1374.31			
			na	na	04-Sep-96	7.26	1373.98			
			na	na	10-Oct-96	7.26	1373.98			
			na	na	25-Jun-97	7.10	1374.14			
			na	na	29-Oct-97	7.51	1373.73			
MW-108	1374.96	1364.96	na	1376.05	10-Oct-96	1.75	1376.05	-0.35	43.93	-8.0E-03 upward
			na	1376.22	25-Jun-97	1.58	1376.22	-0.33	44.10	-7.5E-03 upward
			na	1375.93	29-Oct-97	1.87	1375.93	-0.39	43.81	-8.9E-03 upward
PZ-104	1334.62	1329.62	1332.12	na	10-Oct-96	0.90	1376.40			
			na	na	25-Jun-97	0.75	1376.55			
			na	na	29-Oct-97	0.98	1376.32			
MW-110	1374.96	1364.96	na	1375.08	25-Jun-97	2.72	1375.08	0.49	42.96	1.1E-02 downward
			na	1374.00	29-Oct-97	3.80	1374.00	0.69	41.88	1.6E-02 downward
PZ-105	1331.55	1326.55	1329.05	na	25-Jun-97	2.37	1374.59			
			na	na	29-Oct-97	3.65	1373.31			

- Notes:
- dh (change in head) is the difference in water level elevations in the well nest on the given date.
  - dl (change in distance) is the difference between the two middle screen elevation in a well nest on the given date.
  - The middle of screen elevations for the water table observation wells is the water table elevation on the given day.
  - Vertical hydraulic gradient is a unitless value.
- na: not applicable

prepared by: BJK 1/8/96
checked by: EPK 1/8/96
updated by: BJK 1/22/98

Table 3 - Vertical Hydraulic Gradients





**APPENDIX A**

**SOIL BORING LOGS, MONITORING WELL CONSTRUCTION  
FORMS, WELL DEVELOPMENT FORMS, AND  
WISCONSIN WELL INFORMATION FORM**

- Route To:
- Solid Waste
  - Emergency Response
  - Wastewater
  - Superfund
  - Haz. Waste
  - Underground Tanks
  - Water Resources
  - Other:

<b>Facility/Project Name</b> <i>Former American Graphics/Additional Investigation</i>		<b>License/Permit/Monitoring Number</b>		<b>Boring Number</b> <i>MW-110</i>	
<b>Boring Drilled By</b> (Firm name and name of crew chief) <i>Boart Longyear Environmental Drilling Division Mike Nelson / Gabe Steinagel</i>		<b>Date Drilling Started</b> <i>06/18/97</i>	<b>Date Drilling Completed</b> <i>06/18/97</i>	<b>Drilling Method</b> <i>Sonic</i>	
<b>DNR Facility Well No.</b>	<b>WI Unique Well No.</b>	<b>Common Well Name</b> <i>MW-110</i>	<b>Final Static Water Level</b> <i>Feet MSL</i>	<b>Surface Elevation</b> <i>1377.31 Feet MSL</i>	<b>Borehole Diameter</b> <i>8 inches</i>
<b>Boring Location</b> <i>State Plane</i> <i>SW 1/4, NE 1/4, Section 3, T36N, R17E</i>		<b>Feet N</b> <b>Feet E</b>	<b>Lat</b> <b>Long</b>	<b>Local Grid Location (if applicable)</b> <i>3355.70 feet</i> <input checked="" type="checkbox"/> N <i>6501.09 feet</i> <input checked="" type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
<b>County</b> <i>Marinette</i>		<b>DNR County Code</b> <i>38</i>	<b>Civil Town/City/ or Village</b> <i>Goodman</i>		

Sample		Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
Number and Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
			2 4 6 8 10 12 14 16 18 20 22	Drill to 16', no sampling. Reference soil boring log for PZ-105.	OL SM SM OL ML SP SP									
				<i>EOB @ 16'</i>										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: *[Handwritten Signature]* Firm: **Natural Resource Technology**

This form is authorized by Chapters 144, 147 and 162, Wis. Stats. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days, or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

Facility/Project Name <b>Former American Graphics</b>	Local Grid Location of Well 3355.70 ft. <input type="checkbox"/> N. <input type="checkbox"/> S. 6501.09 ft. <input type="checkbox"/> E. <input type="checkbox"/> W.	Well Name <b>MW-110</b>
Facility License, Permit or Monitoring Number	Grid Origin Location Lat. 0' Long. 0' or	Wis. Unique Well Number DNR Well Number
Type of well Water Table Observation Well <input type="checkbox"/> 11 Piezometer <input type="checkbox"/> 12	St. Plane _____ ft. N. _____ ft. E. Section Location of Waste/Source	Date Well Installed <b>6-18-97</b>
Distance Well is From Waste/Source Boundary <b>UNKNOWN</b> ft.	<b>SW 1/4 of NE 1/4 of Sec. 3, T.36 N. R. 17</b> <input type="checkbox"/> E. <input type="checkbox"/> W.	Well Installed by: (Person's Name and Firm) <b>Mike Nelson</b> <b>Boart Longyear</b>
Is well A Point of Enforcement Sta. Application? <input type="checkbox"/> Yes <input type="checkbox"/> No	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input checked="" type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	

A. Protective pipe, top elevation 1377.31 ft. MSL  Yes  No

B. Well casing, top elevation: 1377.09 ft. MSL

C. Land surface elevation 1377.31 ft. MSL

D. Surface seal, bottom 1376.3 ft. MSL or 1.0 ft.

1. Cap and lock?  Yes  No

2. Protective cover pipe:  
a. Inside diameter: 8.0 in.  
b. Length: 1.0 ft.  
c. Material: Aluminum Steel  04 Other    
d. Additional protection?  Yes  No  
If yes, describe: \_\_\_\_\_

12. USC classification of soil near screen:  
GP  GM  GC  GW  SW  SP   
SM  SC  ML  MH  CL  CH   
Bedrock  OL

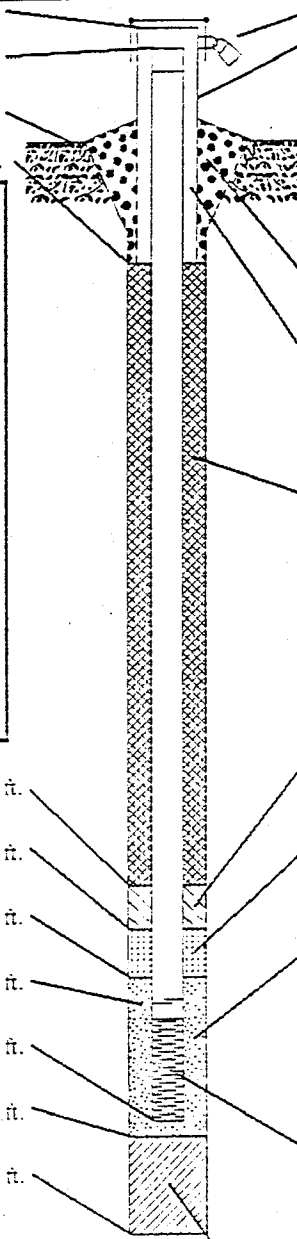
13. Sieve analysis attached?  Yes  No

14. Drilling method used: Rotary  50  
Sonic  Hollow Stem Auger  41  
Other

15. Drilling fluid used: Water  02 Air  01  
Drilling Mud  03 None  99

16. Drilling additives used?  Yes  No  
Describe \_\_\_\_\_

17. Source of water (attach analysis):  
TOWN OF GOODMAN



E. Bentonite seal, top \_\_\_\_\_ ft. MSL or \_\_\_\_\_ ft.

F. Fine sand, top 1373.3 ft. MSL or 4.0 ft.

G. Filter pack, top 1372.8 ft. MSL or 4.5 ft.

H. Screen joint, top 1372.3 ft. MSL or 5.0 ft.

I. Well bottom 1362.3 ft. MSL or 15.0 ft.

J. Filter pack, bottom 1361.3 ft. MSL or 16.0 ft.

K. Borehole, bottom 1361.3 ft. MSL or 16.0 ft.

L. Borehole, diameter 6x4 in.

M. O.D. well casing 2.37 in.

N. I.D. well casing 2.06 in.

3. Surface seal: Bentonite  30  
Concrete  01  
Other

4. Material between well casing and protective pipe:  
Bentonite  30  
Annular space seal   
Other

5. Annular space seal:  
a. Granular Bentonite  33  
b. \_\_\_\_\_ Lbs/gal mud weight . . . Bentonite-sand slurry  35  
c. \_\_\_\_\_ Lbs/gal mud weight . . . Bentonite slurry  31  
d. \_\_\_\_\_ % Bentonite . . . Bentonite-cement grout  50  
e. \_\_\_\_\_ Ft<sup>3</sup> volume added for any of the above  
f. How installed: Tremie  01  
Tremie pumped  02  
Gravity  03

6. Bentonite seal:  
a. Bentonite granules  33  
b.  1/4 in.  3/8 in.  1/2 in. Bentonite pebbles  32  
c. \_\_\_\_\_ Other

7. Fine sand material: Manufacturer, product name and mesh size  
a. #70 Badger  
b. Volume added \_\_\_\_\_ ft<sup>3</sup>

8. Filter pack material: Manufacturer, product name and mesh size  
a. #30 American Material  
b. Volume added \_\_\_\_\_ ft<sup>3</sup>

9. Well casing: Flush threaded PVC schedule 40  23  
Flush threaded PVC schedule 30  24  
Other

10. Screen material: PVC  
a. Screen Type: Factory cut  11  
Continuous slot  01  
Other   
b. Manufacturer Boart Longyear  
c. Slot size: 0.010 in.  
d. Slotted length: 10.0 ft.

11. Backfill material (below filter pack): None  14  
Other

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature [Signature] Firm **Boart Longyear** 101 Alderson Street  
Tel: (715) 359-7090 Fax: (715) 355-5715

Please complete both sides of this form and return to the appropriate DNR office, listed at the top of this form as required by chs. 144, 147 and 160, Wis. Stats., and ch. NR 141, Wis. Ad. Code. In accordance with ch. 144, Wis. Stats., failure to file this form may result in a forfeiture of not less than \$10, nor more than \$5000 for each day of violation. In accordance with ch. 147, Wis. Stats., failure to file this form may result in a forfeiture of not more than \$10,000 for each day of violation. NOTE: Shaded areas are for DNR use only. See instructions for more information including where the completed form should be sent.

Route to: Solid Waste  Haz. Waste  Wastewater   
Env. Response & Repair  Underground Tanks  Other

Facility/Project Name <b>Former American Graphics</b>	County <b>Marinette</b>	Well Name <b>MW-110</b>
Facility License, Permit or Monitoring Number	County Code <b>38</b>	Vis. Linque Well Number DNR Well Number

1. Can this well be purged dry?  Yes  No

2. Well development method:
- surged with bailer and bailed  41
  - surged with bailer and pumped  61
  - surged with block and bailed  42
  - surged with block and pumped  62
  - surged with block, bailed, and pumped  70
  - compressed air  20
  - bailed only  10
  - pumped only  51
  - pumped slowly  50
  - other

3. Time spent developing well **30 min.**

4. Depth of well (from top of well casing) **15.0 ft.**

5. Inside diameter of well **2.06 in.**

6. Volume of water in filter pack and well casing **10.6 gal.**

7. Volume of water removed from well **55.0 gal.**

8. Volume of water added (if any) **N/A gal.**

9. Source of water added **N/A**

10. Analysis performed on water added? **N/A**  Yes  No  
(If yes, attach results)

16. Additional comments on development:

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 3.00 ft.	7.00 ft.
Date	b. 6-19-97	6-19-97
Time	c. 11:30 <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.	12:00 <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.
12. Sediment in well bottom	0.0 inches	0.0 inches
13. Water clarity	Clear <input type="checkbox"/> 10 Turbid <input checked="" type="checkbox"/> 15 (Describe) <u>Brown, Muddy</u>	Clear <input checked="" type="checkbox"/> 20 Turbid <input type="checkbox"/> 25 (Describe) <u>Clear</u>

Fill in if drilling fluids were used and well is at solid waste facility:


14. Total suspended solids	mg/l	mg/l
15. COD	mg/l	mg/l

Well developed by: Person's Name and Firm

Name: M. Nelson/G. Steinagel

Firm: Boart Longyear

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature: 

Print Initials: RET

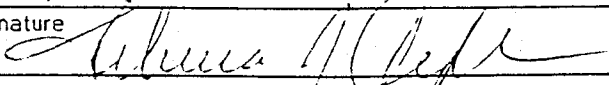
Firm: Boart Longyear

<b>Facility/Project Name</b> Former American Graphics/Additional Investigation		<b>License/Permit/Monitoring Number</b>		<b>Boring Number</b> PZ-105	
<b>Boring Drilled By</b> (Firm name and name of crew chief) Boart Longyear Environmental Drilling Division Mike Nelson / Gabe Steinagel		<b>Date Drilling Started</b> 06/18/97		<b>Date Drilling Completed</b> 06/18/97	
<b>DNR Facility Well No.</b>		<b>WI Unique Well No.</b>		<b>Common Well Name</b> PZ-105	
<b>Final Static Water Level</b> Feet MSL		<b>Surface Elevation</b> 1377.2 Feet MSL		<b>Borehole Diameter</b> 8 inches	
<b>Boring Location</b> State Plane SW 1/4, NE 1/4, Section 3, T36N, R17E		<b>Feet N</b>  <b>Feet E</b>		<b>Local Grid Location (if applicable)</b> 3355.29 feet <input checked="" type="checkbox"/> N 6508.76 feet <input checked="" type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	

<b>County</b> Marinette	<b>DNR County Code</b> 38	<b>Civil Town/City/ or Village</b> Goodman
----------------------------	------------------------------	---

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
PZ-105 (2.5)	24		0'-0.5'	<u>ORGANICS</u>	OL									
			0.5'-6.5'	<u>SILTY SAND</u> , light brown, 5% gray mottling, poorly graded, fine to medium, predominantly medium, trace coarse sand, loose, very moist, no odor.	SM									
PZ-105 (7.5)	48		6.5'-8.5'	<u>SILTY SAND</u> , dark gray, poorly graded, very fine, trace to 5% fine subrounded gravel, firm, moist, no odor.	SM									
			8.5'-10'	<u>ORGANICS</u> , black, lower 5' interbedded black <u>CLAY</u>	OL									
PZ-105 (12.5)	60		10'-13'	<u>CLAYEY SILT WITH ORGANICS</u> , interbedded gray and dark gray, 5% very fine sand, soft, wet, no odor.	ML									
			13'-25'	interbedded <u>SAND / SILTY SAND</u> , poorly graded, interbedded (very fine, round), (coarse, round, 5% fine to medium, trace gravel), (medium to coarse, 10% fine gravel), compact, wet, no odor.	SP/SM									
PZ-105 (17.5)	60		18'	<u>SAND</u> , medium to coarse, predominantly coarse	SP									
PZ-105 (22.5)	47		22'	<u>SILTY SAND</u> , 5% clay, very fine to medium, predominantly fine, round, compact.	SM									

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm Natural Resource Technology
--	-------------------------------------

This form is authorized by Chapters 144.147 and 162, Wis. Stats. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days, or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.



Facility/Project Name <b>Former American Graphics</b>	Local Grid Location of well 3355.29 ft. <input checked="" type="checkbox"/> N. <input checked="" type="checkbox"/> S. 6508.76 ft. <input checked="" type="checkbox"/> E. <input checked="" type="checkbox"/> W.	Well Name <b>PZ-105</b>
Facility License, Permit or Monitoring Number	Grid Origin Location Lat. _____ Long. _____ or St. Plane _____ ft. N. _____ ft. E.	Wis. License Well Number: _____ DNR Well Number: _____
Type of well Water Table Observation Well <input type="checkbox"/> 11 Piezometer <input checked="" type="checkbox"/> 12	Section Location of Waste/Source <b>SW 1/4 of NE 1/4 of Sec. 3 T. 36 N. R. 17</b>	Date Well installed <b>6-18-97</b>
Distance well is From Waste/Source Boundary <b>UNKNOWN</b> ft.	Location of well relative to waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input checked="" type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	Well installed by: (Person's Name and firm) <b>Mike Nelson</b> <b>Boart Longyear</b>
Is Well A Point of Enforcement Sta. Application? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

A. Protective pipe, top elevation <b>1377.21</b> ft. MSL	1. Cap and lock? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
B. Well casing, top elevation <b>1376.96</b> ft. MSL	2. Protective cover pipe: a. Inside diameter: <b>8.0</b> in. b. Length: <b>1.0</b> ft. c. Material: <b>Aluminum</b> Steel <input type="checkbox"/> 0.4 Other <input checked="" type="checkbox"/>
C. Land surface elevation <b>1377.21</b> ft. MSL	d. Additional protection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, describe: _____
D. Surface seal, bottom <b>1376.2</b> ft. MSL or <b>1.0</b> ft.	3. Surface seal: Bentonite <input type="checkbox"/> 3.0 Concrete <input checked="" type="checkbox"/> 0.1 Other <input type="checkbox"/>

12. USC classification of soil near screen:  
 GP  GM  GC  GW  SW  SP   
 SM  SC  ML  MH  CL  CH   
 Bedrock

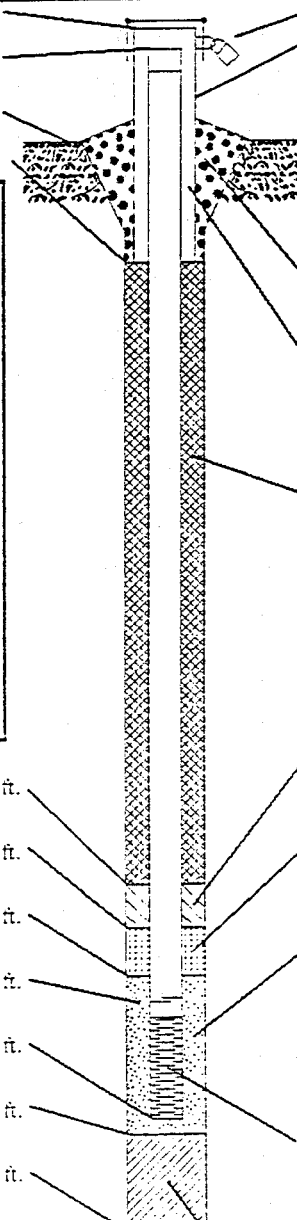
13. Sieve analysis attached?  Yes  No

14. Drilling method used: Rotary  5.0  
 Hollow Stem Auger  4.1  
**Sonic** Other

15. Drilling fluid used: Water  0.2 Air  0.1  
 Drilling Mud  0.3 None  9.9

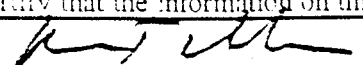
16. Drilling additives used?  Yes  No  
 Describe \_\_\_\_\_

17. Source of water (attach analysis):  
**TOWN OF GOODMAN**



E. Bentonite seal, top _____ ft. MSL or _____ ft.	6. Bentonite seal: a. Bentonite granules <input checked="" type="checkbox"/> 3.3 b. <input type="checkbox"/> 1/4 in. <input type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite pellets <input type="checkbox"/> 3.2 c. _____ Other <input type="checkbox"/>
F. Fine sand, top <b>1336.2</b> ft. MSL or <b>41.0</b> ft.	7. Fine sand material: Manufacturer, product name and mesh size a. <b>#70 Badger</b> b. Volume added _____ ft <sup>3</sup>
G. Filter pack, top <b>1334.2</b> ft. MSL or <b>43.0</b> ft.	8. Filter pack material: Manufacturer, product name and mesh size a. <b>#30 American Material</b> b. Volume added _____ ft <sup>3</sup>
H. Screen joint, top <b>1332.2</b> ft. MSL or <b>45.0</b> ft.	9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 2.3 Flush threaded PVC schedule 30 <input type="checkbox"/> 2.4 Other <input type="checkbox"/>
I. Well bottom <b>1327.2</b> ft. MSL or <b>50.0</b> ft.	10. Screen material: <b>PVC</b> a. Screen Type: Factory cut <input checked="" type="checkbox"/> 1.1 Continuous slot <input type="checkbox"/> 0.1 Other <input type="checkbox"/>
J. Filter pack, bottom <b>1322.2</b> ft. MSL or <b>55.0</b> ft.	b. Manufacturer <b>Boart Longyear</b> c. Slot size: <b>0.010</b> in. d. Slotted length: <b>5.0</b> ft.
K. Borehole, bottom <b>1322.2</b> ft. MSL or <b>55.0</b> ft.	11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> 1.4 Other <input type="checkbox"/>
L. Borehole, diameter <b>6x4</b> in.	
M. O.D. well casing <b>2.37</b> in.	
N. I.D. well casing <b>2.06</b> in.	

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature  FIRM **Boart Longyear** 101 Alderson Street  
 Tel: (715) 359-7090 Fax: (715) 355-5715

Please complete both sides of this form and return to the appropriate DNR office listed at the top of this form as required by chs. 144, 147 and 160, Wis. Stats., and ch. NR 141, Wis. Ad. Code. In accordance with ch. 144, Wis. Stats., failure to file this form may result in a forfeiture of not less than \$10, nor more than \$5000 for each day of violation. In accordance with ch. 147, Wis. Stats., failure to file this form may result in a forfeiture of not more than \$10,000 for each day of violation. NOTE: Shaded areas are for DNR use only. See instructions for more information including where the completed form should be sent.



Route to: Solid Waste  Haz. Waste  Wastewater   
Env. Response & Repair  Underground Tanks  Other

Facility/Project Name <b>Former American Graphics</b>	County <b>Marinette</b>	Well Name <b>PZ-105</b>
Facility License, Permit or Monitoring Number	County Code <b>38</b>	Wis. Unique Well Number
		DNR Well Number

1. Can this well be purged dry?  Yes  No
2. Well development method:
- surged with bailer and bailed  4 1
  - surged with bailer and pumped  6 1
  - surged with block and bailed  4 2
  - surged with block and pumped  6 2
  - surged with block, bailed, and pumped  7 0
  - compressed air  2 0
  - bailed only  1 0
  - pumped only  5 1
  - pumped slowly  5 0
  - other
3. Time spent developing well **30 min.**
4. Depth of well (from top of well casing) **50.0 ft.**
5. Inside diameter of well **2.06 in.**
6. Volume of water in filter pack and well casing **41.6 gal.**
7. Volume of water removed from well **100.0 gal.**
8. Volume of water added (if any) **N/A gal.**
9. Source of water added **N/A**
10. Analysis performed on water added? **N/A**  Yes  No  
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 3.00 ft.	12.00 ft.
Date	b. 6-19-97	6-19-97
Time	c. 11:00 <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.	11:30 <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.
12. Sediment in well bottom	0.0 inches	0.0 inches
13. Water clarity	Clear <input type="checkbox"/> 1 0 Turbid <input checked="" type="checkbox"/> 1 5 (Describe) <u>Brown, Muddy</u>	Clear <input checked="" type="checkbox"/> 2 0 Turbid <input type="checkbox"/> 2 5 (Describe) <u>Clear</u>
Fill in if drilling fluids were used and well is at solid waste facility:		
14. Total suspended solids	mg/l	mg/l
15. COD	mg/l	mg/l

16. Additional comments on development:

Well developed by: Person's Name and Firm

Name: M. Nelson/G. Steinagel

Firm: Boart Longyear

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature:

Print Initials: BET

Firm: Boart Longyear

<b>Facility/Project Name</b> Former American Graphics/Additional Investigation		<b>License/Permit/Monitoring Number</b>		<b>Boring Number</b> MW-III	
<b>Boring Drilled By</b> (Firm name and name of crew chief) Boart Longyear Environmental Drilling Division Mike Nelson / Gabe Steinagel		<b>Date Drilling Started</b> 06/18/97		<b>Date Drilling Completed</b> 06/18/97	
<b>DNR Facility Well No.</b>		<b>WI Unique Well No.</b>		<b>Common Well Name</b> MW-III	
<b>Final Static Water Level</b> Feet MSL		<b>Surface Elevation</b> 1396.11 Feet MSL		<b>Borehole Diameter</b> 8 inches	
<b>Boring Location</b> State Plane SW 1/4, NE 1/4, Section 3, T36N, R17E		<b>Feet N</b> <b>Feet E</b>		<b>Local Grid Location (if applicable)</b> 2627.40 feet <input checked="" type="checkbox"/> N 6228.59 feet <input checked="" type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
<b>County</b> Marinette		<b>DNR County Code</b> 38		<b>Civil Town/City/ or Village</b> Goodman	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
MW-III (2.5)	24		0-2	0'-0.5' ORGANICS, grass	OL ML									
			2-4	0.5'-1' CLAYEY SILT W/ SAND, reddish brown, very fine to fine sand, soft, wet, no odor.										
			4-6	1'-11.5' SILTY SAND, reddish brown, poorly graded, fine to coarse, predominantly fine, trace fine gravel, loose, very moist, no odor.										
MW-III (7.5)	48		6-8	1' lense SAND, brown, 5% silt, poorly graded, fine to coarse, predominantly fine to medium, subround, 5% fine subround gravel, wet.	SM									
			8-12	trace to 5% fine to medium subround gravel, compact, wet.										
MW-III (12.5)	60		12-14	11.5'-20' SAND, brown, poorly graded, medium to coarse, predominantly coarse, 5 to 10% fine subround gravel, compact, wet.										
			14-16											
MW-III (17.5)	60		16-18		SP									
			18-20											
			20-22	EOB @ 20'										

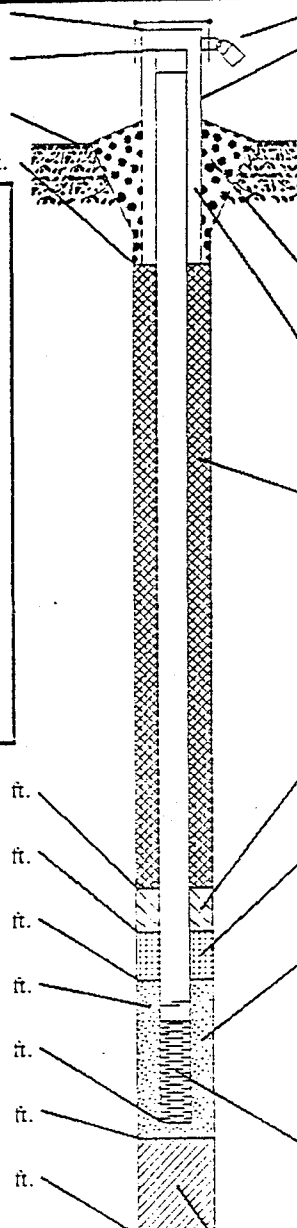
I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: *Victoria A. Doyle* Firm: Natural Resource Technology

This form is authorized by Chapters 144.147 and 162, Wis. Stats. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days, or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

Facility/Project Name <b>Former American Graphics</b>	Local Grid Location of Well <b>2627.40 ft. N. 6228.59 ft. E.</b>	Well Name <b>MW-111</b>
Facility License, Permit or Monitoring Number	Grid Origin Location Lat. _____ Long. _____ or St. Plane _____ ft. N. _____ ft. E.	Wis. DNR Well Number / DNR Well Number
Type of Well Water Table Observation well <input checked="" type="checkbox"/> 11 Piezometer <input type="checkbox"/> 12	Section Location or Waste/Source <b>SW 1/4 of NE 1/4 of Sec. 3 T. 36 N. R. 17</b>	Date Well Installed <b>6-18-97</b>
Distance Well is From Waste/Source Boundary <b>UNKNOWN</b> ft.	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input checked="" type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	Well Installed By: (Person's Name and Firm) <b>Mike Nelson</b> <b>Boart Longyear</b>
Is Well A Point of Enforcement Std. Application? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

A. Protective pipe, top elevation <b>1396.11</b> ft. MSL	1. Cap and lock? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
B. Well casing, top elevation <b>1386.26</b> ft. MSL	2. Protective cover pipe: a. Inside diameter: <b>8.0</b> in. b. Length: <b>1.0</b> ft. c. Material: <u>Aluminum</u> Steel <input type="checkbox"/> 0.4 Other <input checked="" type="checkbox"/>
C. Land surface elevation <b>1396.11</b> ft. MSL	d. Additional protection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, describe: _____
D. Surface seal, bottom <b>1395.1</b> ft. MSL or <b>1.0</b> ft.	3. Surface seal: _____ Bentonite <input type="checkbox"/> 3.0 Concrete <input checked="" type="checkbox"/> 0.1 Other <input type="checkbox"/>
12. USC classification of soil near screen: GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input checked="" type="checkbox"/> SM <input checked="" type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input type="checkbox"/> CH <input type="checkbox"/> Bedrock <input type="checkbox"/>	4. Material between well casing and protective pipe: Bentonite <input type="checkbox"/> 3.0 Annular space seal <input type="checkbox"/> Other <input type="checkbox"/>
13. Sieve analysis attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	5. Annular space seal: a. Granular Bentonite <input checked="" type="checkbox"/> 3.3 b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry <input type="checkbox"/> 3.5 c. _____ Lbs/gal mud weight . . . Bentonite slurry <input type="checkbox"/> 3.1 d. _____ % Bentonite . . . Bentonite-cement grout <input type="checkbox"/> 5.0 e. _____ Ft <sup>3</sup> volume added for any of the above
14. Drilling method used: Rotary <input type="checkbox"/> 5.0 Hollow Stem Auger <input type="checkbox"/> 4.1 <u>Sonic</u> Other <input checked="" type="checkbox"/>	f. How installed: Tremie <input type="checkbox"/> 0.1 Tremie pumped <input type="checkbox"/> 0.2 Gravity <input checked="" type="checkbox"/> 0.8
15. Drilling fluid used: Water <input checked="" type="checkbox"/> 0.2 Air <input type="checkbox"/> 0.1 Drilling Mud <input type="checkbox"/> 0.3 None <input type="checkbox"/> 9.9	6. Bentonite seal: a. Bentonite granules <input checked="" type="checkbox"/> 3.3 b. <input type="checkbox"/> 1/4 in. <input type="checkbox"/> 3/8 in. <input type="checkbox"/> 1.2 in. Bentonite pellets <input type="checkbox"/> 3.2 c. _____ Other <input type="checkbox"/>
16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Describe _____	7. Fine sand material: Manufacturer, product name and mesh size a. <u>#70 Badger</u> b. Volume added _____ ft <sup>3</sup>
17. Source of water (attach analysis): <u>TOWN OF GOODMAN</u>	8. Filter pack material: Manufacturer, product name and mesh size a. <u>#30 American Material</u> b. Volume added _____ ft <sup>3</sup>
E. Bentonite seal, top _____ ft. MSL or _____ ft.	9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 2.3 Flush threaded PVC schedule 80 <input type="checkbox"/> 2.4 Other <input type="checkbox"/>
F. Fine sand, top <b>1392.1</b> ft. MSL or <b>4.0</b> ft.	10. Screen material: <u>PVC</u> a. Screen Type: Factory cut <input checked="" type="checkbox"/> 1.1 Continuous slot <input type="checkbox"/> 0.1 Other <input type="checkbox"/>
G. Filter pack, top <b>1391.6</b> ft. MSL or <b>4.5</b> ft.	b. Manufacturer <u>Boart Longyear</u>
H. Screen joint, top <b>1391.1</b> ft. MSL or <b>5.0</b> ft.	c. Slot size: <b>0.010</b> in.
I. Well bottom <b>1381.1</b> ft. MSL or <b>15.0</b> ft.	d. Slotted length: <b>10.0</b> ft.
J. Filter pack, bottom <b>1376.1</b> ft. MSL or <b>20.0</b> ft.	11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> 1.4 Other <input type="checkbox"/>
K. Borehole, bottom <b>1376.1</b> ft. MSL or <b>20.0</b> ft.	
L. Borehole, diameter <b>6x4</b> in.	
M. O.D. well casing <b>2.37</b> in.	
N. I.D. well casing <b>2.06</b> in.	



I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature [Signature] Firm **Boart Longyear** 101 Alderson Street  
Tel: (715) 359-7090 Fax: (715) 355-5715

Please complete both sides of this form and return to the appropriate DNR office listed at the top of this form as required by chs. 144, 147, and 160, Wis. Stats., and ch. NR 141, Wis. Ad. Code. In accordance with ch. 144, Wis. Stats., failure to file this form may result in a forfeiture of not less than \$10, nor more than \$5000 for each day of violation. In accordance with ch. 147, Wis. Stats., failure to file this form may result in a forfeiture of not more than \$10,000 for each day of violation. NOTE: Shaded areas are for DNR use only. See instructions for more information including where the completed form should be sent.

Route to: Solid Waste  Haz. Waste  Wastewater   
Env. Response & Repair  Underground Tanks  Other

Facility/Project Name <b>Former American Graphics</b>	County <b>Marinette</b>	Well Name <b>MW-111</b>
Facility License, Permit or Monitoring Number	County Code <b>38</b>	Wis. Private Well Number DNR Well Number

1. Can this well be purged dry?  Yes  No

2. Well development method:
- surged with bailer and bailed  41
  - surged with bailer and pumped  61
  - surged with block and bailed  42
  - surged with block and pumped  62
  - surged with block, bailed, and pumped  70
  - compressed air  20
  - bailed only  10
  - pumped only  51
  - pumped slowly  50
  - other

3. Time spent developing well **30 min.**

4. Depth of well (from top of well casing) **15.0 ft.**

5. Inside diameter of well **2.06 in.**

6. Volume of water in filter pack and well casing **7.1 gal.**

7. Volume of water removed from well **55.0 gal.**

8. Volume of water added (if any) **N/A gal.**

9. Source of water added **N/A**

10. Analysis performed on water added? **N/A**  Yes  No  
(If yes, attach results)

16. Additional comments on development:

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 7.00 ft.	11.00 ft.
Date	b. 6-19-97	6-19-97
Time	c. 10:30 <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.	11:00 <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.
12. Sediment in well bottom	0.0 inches	0.0 inches
13. Water clarity	Clear <input type="checkbox"/> 10 Turbid <input checked="" type="checkbox"/> 15 (Describe) <u>Brown, Muddy</u>	Clear <input checked="" type="checkbox"/> 20 Turbid <input type="checkbox"/> 25 (Describe) <u>Clear</u>

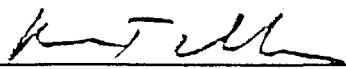
Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids	mg/l	mg/l
15. COD	mg/l	mg/l

well developed by: Person's Name and Firm

Name: M. Nelson, G. Steinagel  
Firm: Boart Longvear

I hereby certify that the above information is true and correct to the best of my knowledge.

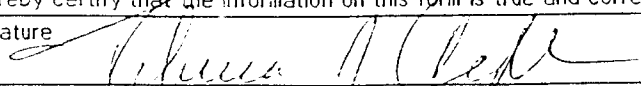
Signature:   
Print Initials: RET  
Firm: Boart Longvear

- Route To:
- Solid Waste
  - Emergency Response
  - Wastewater
  - Superfund
  - Haz. Waste
  - Underground Tanks
  - Water Resources
  - Other:

<b>Facility/Project Name</b> <i>Former American Graphics/Additional Investigation</i>		<b>License/Permit/Monitoring Number</b>		<b>Boring Number</b> <i>MW-112</i>	
<b>Boring Drilled By</b> (Firm name and name of crew chief) <i>Boart Longyear Environmental Drilling Division Mike Nelson / Gabe Steinage!</i>		<b>Date Drilling Started</b> <i>06/19/97</i>		<b>Date Drilling Completed</b> <i>06/19/97</i>	
<b>DNR Facility Well No.</b>		<b>WI Unique Well No.</b>		<b>Common Well Name</b> <i>MW-112</i>	
<b>Final Static Water Level</b> <i>Feet MSL</i>		<b>Surface Elevation</b> <i>1374.96 Feet MSL</i>		<b>Borehole Diameter</b> <i>8 inches</i>	
<b>Boring Location</b> <b>State Plane</b> <i>SW 1/4, NE 1/4, Section 3, T36N, R17E</i>		<b>Feet N</b> <b>Feet E</b>		<b>Local Grid Location (if applicable)</b> <i>2976.91 feet</i> <input checked="" type="checkbox"/> <b>N</b> <i>6652.08 feet</i> <input checked="" type="checkbox"/> <b>E</b> <input type="checkbox"/> <b>S</b> <input type="checkbox"/> <b>N</b>	
<b>County</b> <i>Marinette</i>		<b>DNR County Code</b> <i>38</i>		<b>Civil Town/City/ or Village</b> <i>Goodman</i>	

Sample Number and Type	Length Alt. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
MW-112 (2.5)	52		2	0'-5' <b>SILTY SAND</b> , grades from brown to dark brown, poorly graded, fine to medium, predominantly fine, round, trace coarse sand, trace fine gravel, loose, slightly moist, no odor.	SM									
MW-112 (7.5)	48		6	5'-10' <b>SILTY SAND / SANDY SILT</b> , dark gray brown, interbedded, very fine to fine sand, firm to compact, wet, no odor.	SM ML									
MW-112 (12.5)	54		12	10'-16' <b>SAND</b> , brown, poorly graded, predominantly medium, few lamination coarse with fine gravel, few laminations gray silt, trace silty sand, compact, wet, no odor.	SP									
			16	EOB @ 16'										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature:  Firm: **Natural Resource Technology**

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Facility/Project Name <b>Former American Graphic</b>	Local Grid Location of Well 2976.91 ft. N. S. 6652.08 ft. E. W.	Well Name <b>MW-112</b>
Facility License, Permit or Monitoring Number	Grid Origin Location Lat. _____ Long. _____ or St. Plane _____ ft. N. _____ ft. E.	Was: Smoke Well <input type="checkbox"/> Inner DNR Well Number _____
Type of Well Water Table Observation Well <input checked="" type="checkbox"/> 11 Piezometer <input type="checkbox"/> 12	Section Location of Waste/Source SW 1/4 of NE 1/4 of Sec. 3 T. 26 N. R. 17 E. W.	Date Well Installed <b>6-19-97</b>
Distance Well is From Waste/Source Boundary <b>UNKNOWN</b> ft.	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input checked="" type="checkbox"/> Sidegradient d <input checked="" type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	Well installed by: (Person's Name and Firm) <b>Mike Nelson</b> <b>Boart Longyear</b>
Is Well A Point of Enforcement Std. Application? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

A. Protective pipe, top elevation 1374.96 ft. MSL  Yes  No

B. Well casing, top elevation 1374.53 ft. MSL

C. Land surface elevation 1374.96 ft. MSL

D. Surface seal, bottom 1374.0 ft. MSL or 1.0 ft.

1. Cap and lock?  Yes  No

2. Protective cover pipe:  
a. Inside diameter: 8.0 in.  
b. Length: 1.0 ft.  
c. Material: Aluminum Steel  0.4  
Other

d. Additional protection?  Yes  No  
If yes, describe: \_\_\_\_\_

12. USC classification of soil near screen:  
GP  GM  GC  GW  SW  SP   
SM  SC  ML  MH  CL  CH   
Bedrock

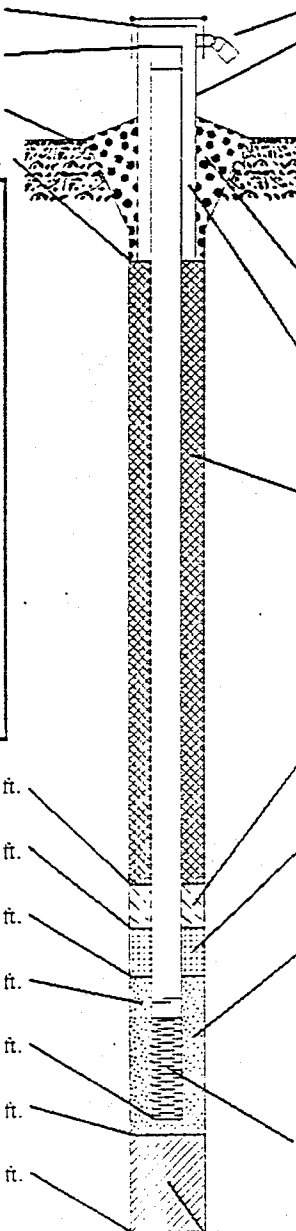
13. Sieve analysis attached?  Yes  No

14. Drilling method used: Rotary  50  
Hollow Stem Auger  41  
Sonic Other

15. Drilling fluid used: Water  02 Air  01  
Drilling Mud  03 None  99

16. Drilling additives used?  Yes  No  
Describe \_\_\_\_\_

17. Source of water (attach analysis):  
Town of Goodman



E. Bentonite seal, top \_\_\_\_\_ ft. MSL or \_\_\_\_\_ ft.

F. Fine sand, top 1370.0 ft. MSL or 4.0 ft.

G. Filter pack, top 1369.5 ft. MSL or 4.5 ft.

H. Screen joint, top 1369.0 ft. MSL or 5.0 ft.

I. Well bottom 1359.0 ft. MSL or 15.0 ft.

J. Filter pack, bottom 1358.0 ft. MSL or 16.0 ft.

K. Borehole, bottom 1358.0 ft. MSL or 16.0 ft.

L. Borehole, diameter 6x4 in.

M. O.D. well casing 2.37 in.

N. I.D. well casing 2.06 in.

3. Surface seal: Bentonite  30  
Concrete  01  
Other

4. Material between well casing and protective pipe:  
Bentonite  30  
Annular space seal   
Other

5. Annular space seal:  
a. Granular Bentonite  33  
b. \_\_\_\_\_ Lbs/gal mud weight . . . Bentonite-sand slurry  35  
c. \_\_\_\_\_ Lbs/gal mud weight . . . Bentonite slurry  31  
d. \_\_\_\_\_ % Bentonite . . . Bentonite-cement grout  50  
e. \_\_\_\_\_ Ft<sup>3</sup> volume added for any of the above  
f. How installed: Tremie  01  
Tremie pumped  02  
Gravity  08

6. Bentonite seal:  
a. Bentonite granules  33  
b.  1/4 in.  3/8 in.  1/2 in. Bentonite pellets  32  
c. \_\_\_\_\_ Other

7. Fine sand material: Manufacturer, product name and mesh size  
a. #70 Badger  
b. Volume added \_\_\_\_\_ ft<sup>3</sup>

8. Filter pack material: Manufacturer, product name and mesh size  
a. #30 American Material  
b. Volume added \_\_\_\_\_ ft<sup>3</sup>

9. Well casing: Flush threaded PVC schedule 40  23  
Flush threaded PVC schedule 80  24  
Other

10. Screen material: PVC  
a. Screen Type: Factory cut  11  
Continuous slot  01  
Other   
b. Manufacturer Boart Longyear  
c. Slot size: 0.010 in.  
d. Slotted length: 10.0 ft.

11. Backfill material (below filter pack): None  14  
Other

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature [Signature] Firm **Boart Longyear** 101 Alderson Street  
Tel: (715) 359-7090 Fax: (715) 355-5715

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Route to: Solid Waste  Haz. Waste  Wastewater   
Env. Response & Repair  Underground Tanks  Other  \_\_\_\_\_

Facility/Project Name <b>Former American Graphics</b>	County <b>Marinette</b>	Well Name <b>MW-112</b>
Facility License, Permit or Monitoring Number	County Code <b>38</b>	Wisconsin Well Number DNR Well Number

		Before Development	After Development
1. Can this well be purged dry?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
2. Well development method:			
surged with bailer and bailed	<input type="checkbox"/> 4 1		
surged with bailer and pumped	<input checked="" type="checkbox"/> 6 1		
surged with block and bailed	<input type="checkbox"/> 4 2		
surged with block and pumped	<input type="checkbox"/> 6 2		
surged with block, bailed, and pumped	<input type="checkbox"/> 7 0		
compressed air	<input type="checkbox"/> 2 0		
bailed only	<input type="checkbox"/> 1 0		
pumped only	<input type="checkbox"/> 5 1		
pumped slowly	<input type="checkbox"/> 5 0		
other _____	<input type="checkbox"/> [stippled]		
3. Time spent developing well	<b>60 min.</b>		
4. Depth of well (from top of well casing)	<b>14.0 ft.</b>		
5. Inside diameter of well	<b>2.06 in.</b>		
6. Volume of water in filter pack and well casing	<b>10.6 gal.</b>		
7. Volume of water removed from well	<b>55.0 gal.</b>		
8. Volume of water added (if any)	<b>N/A gal.</b>		
9. Source of water added	<b>N/A</b>		
10. Analysis performed on water added? (If yes, attach results)	<b>N/A</b> <input type="checkbox"/> Yes <input type="checkbox"/> No		
11. Depth to Water (from top of well casing)		a. <b>2.00 ft.</b>	<b>4.00 ft.</b>
Date		b. <b>6-19-97</b>	<b>6-19-97</b>
Time		c. <b>9:30</b> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.	<b>10:30</b> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.
12. Sediment in well bottom		<b>0.0 inches</b>	<b>0.0 inches</b>
13. Water clarity		Clear <input type="checkbox"/> 1 0 Turbid <input checked="" type="checkbox"/> 1 5 (Describe) <b>Brown, Muddy</b>	Clear <input checked="" type="checkbox"/> 2 0 Turbid <input type="checkbox"/> 2 5 (Describe) <b>Clear</b>
Fill in if drilling fluids were used and well is at solid waste facility:			
14. Total suspended solids		mg/l	mg/l
15. COD		mg/l	mg/l

16. Additional comments on development:

Well developed by: Person's Name and Firm	I hereby certify that the above information is true and correct to the best of my knowledge.
Name: <u>M. Nelson/C. Steinagel</u>	Signature: <u>[Signature]</u>
Firm: <u>Boart Longyear</u>	Print Initials: <u>BET</u>
	Firm: <u>Boart Longyear</u>

NOTE: Stippled areas are for DNR use only. See instructions for more information including a list of county codes.

Facility Name			Facility ID Number			Date		Completed By (Name and Firm)														
FORMER AMERICAN GRAPHICS						01/13/98		REBECCA J. KOEPKE / NATURAL RESOURCE TECHNOLOGY														
Well Name	DNR Well ID Number	Well Location	N	S	E	W	Date Established	Well Casing		Elevations		Reference		Screen Length	Well Depth	Type of Well (✓)					Gradient U, S, D or N	
								Diam	Type	Top of Well Casing	Ground Surface	MSL (✓)	Site Datum (✓)			PIEZ	OW	PW	LYS	Other		Abandoned
MW-1		2684.35	✓				11/11/93	1.9	P	1415.07	1415.30	✓		10	34.22	✓					Y	D
		5423.95			✓																	
MW-2		2660.25	✓				11/19/93	1.9	P	1417.34	1417.67	✓		10	36.71	✓					Y	D
		5379.86			✓																	
MW-3		2662.61	✓				11/22/93	1.9	P	1413.42	1413.90	✓		10	34.23	✓					Y	D
		5467.41			✓																	
PZ-101		2668.04	✓				07/22/96	1.9	P	1413.42	1413.77	✓		5	81.73	✓					Y	D
		5467.83			✓																	
MW-101		2496.76	✓				07/15/96	1.9	P	1431.69	1429.24	✓		15	56.51	✓					Y	U
		5187.12			✓																	
MW-102		2524.93	✓				07/16/96	1.9	P	1423.44	1423.74	✓		15	42.65	✓					Y	S
		5472.08			✓																	
MW-103		2873.17	✓				07/15/96	1.9	P	1396.57	1396.89	✓		10	17.03	✓					Y	S
		5425.23			✓																	
MW-104		2427.83	✓				07/17/96	1.9	P	1407.11	1404.50	✓		10	27.61	✓					Y	S
		5686.13			✓																	
MW-105		2761.72	✓				07/24/96	1.9	P	1385.87	1386.21	✓		10	13.58	✓					Y	D
		5746.32			✓																	
PZ-102		2756.80	✓				07/24/96	1.9	P	1385.91	1386.28	✓		5	60.92	✓					Y	D
		5746.64			✓																	
MW-106		2854.57	✓				07/25/96	1.9	P	1381.39	1381.68	✓		10	13.85	✓					Y	D
		6492.04			✓																	
PZ-103		2854.25	✓				07/25/96	1.9	P	1381.24	1381.66	✓		5	49.83	✓					Y	D
		6187.06				✓																

Location Coordinates Are:

Remarks:

PSS Use:

- Local Grid System (preferred)     State Plane Coordinate  
 Northern     Central

File Maint. Completed: \_\_\_\_\_

Other: \_\_\_\_\_



Facility Name			Facility ID Number				Date		Completed By (Name and Firm)													
FORMER AMERICAN GRAPHICS							10/16/96		REBECCA J. KOEPKE / NATURAL RESOURCE TECHNOLOGY													
Well Name	DNR Well ID Number	Well Location	N	S	E	W	Date Established	Well Casing		Elevations		Reference		Screen Length	Well Depth	Type of Well (✓)					Gradient U, S, D or N	
								Diam	Type	Top of Well Casing	Ground Surface	MSL (✓)	Site Datum (✓)			PIEZ	OW	PW	LVS	Other		Aban-doned
MW-107		3000.04	✓				09/26/96	1.9	P	1381.22	1381.60	✓		10	13.16	✓					Y	D
		5669.99			✓																	
MW-108		2999.29	✓				09/26/96	1.9	P	1377.80	1378.02	✓		10	12.84	✓					Y	D
		5981.23			✓																	
PZ-104		2997.96	✓				09/26/96	1.9	P	1377.30	1377.94	✓		5	47.68	✓					Y	D
		5987.22			✓																	
MW-109		3173.74	✓				09/26/96	1.9	P	1380.96	1381.51	✓		10	13.82	✓					Y	D
		6210.60			✓																	
OW-1		2655.56	✓				UNKNOWN	1.9	P	1381.61	1380.12	✓		UNKNOWN	14.26	✓					Y	D
		7022.19			✓																	
OW-2		2586.87	✓				UNKNOWN	1.9	P	1384.85	1382.79	✓		UNKNOWN	20.78	✓					Y	D
		7127.84			✓																	
OW-3		2816.75	✓				UNKNOWN	1.9	P	1376.86	1375.07	✓		UNKNOWN	16.71	✓					Y	D
		7109.11			✓																	
MW-110		3355.70	✓				06/18/97	1.9	P	1377.09	1377.31	✓		10	14.27	✓					Y	D
		6501.09			✓																	
PZ-105		3355.29	✓				06/18/97	1.9	P	1376.96	1377.21	✓		5	50.41	✓					Y	D
		6508.76			✓																	
MW-111		2627.40	✓				06/18/97	1.9	P	1386.26	1396.11	✓		10	13.26	✓					Y	D/S
		6228.59			✓																	
MW-112		2976.91	✓				06/19/97	1.9	P	1374.53	1374.96	✓		10	15.40	✓					Y	D/S
		6652.08			✓																	

Location Coordinates Are:

- Local Grid System (preferred)
- State Plane Coordinate
  - Northern
  - Central

Remarks:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

PSS Use:

File Maint. Completed: \_\_\_\_\_

Other: \_\_\_\_\_



**APPENDIX B**

**JUNE 1997 LABORATORY ANALYTICAL REPORT**



NATIONAL ENVIRONMENTAL TESTING, INC.

Watertown Division  
602 Commerce Drive  
P.O. Box 288  
Watertown, WI 53094  
Tel: (414) 261-1660  
Fax: (414) 261-8120  
WDNR No. 128053530

ANALYTICAL REPORT

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

07/11/1997  
Job No: 97.06142  
Sample No: 255885  
Account No: 52450  
Page 3

JOB DESCRIPTION: #1135 WDNR Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-01 #1135  
Recv'd 4.0 C

Date Taken: 06/25/1997

Date Received: 07/01/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
VOC - AQUEOUS - EPA 8260							
Benzene	<0.31	ug/L	0.31	0.98	S-8260	07/07/1997	1010
Bromobenzene	<0.20	ug/L	0.20	0.64	S-8260	07/07/1997	1010
Bromochloromethane	<0.32	ug/L	0.32	1.0	S-8260	07/07/1997	1010
Bromodichloromethane	<0.20	ug/L	0.20	0.63	S-8260	07/07/1997	1010
Bromoform	<0.14	ug/L	0.14	0.45	S-8260	07/07/1997	1010
Bromomethane	<0.46	ug/L	0.46	1.5	S-8260	07/07/1997	1010
n-Butylbenzene	<0.44	ug/L	0.44	1.4	S-8260	07/07/1997	1010
sec-Butylbenzene	<0.45	ug/L	0.45	1.4	S-8260	07/07/1997	1010
tert-Butylbenzene	<0.38	ug/L	0.38	1.2	S-8260	07/07/1997	1010
Carbon Tetrachloride	<0.40	ug/L	0.40	1.3	S-8260	07/07/1997	1010
Chlorobenzene	<0.22	ug/L	0.22	0.69	S-8260	07/07/1997	1010
Chlorodibromomethane	<0.10	ug/L	0.10	0.33	S-8260	07/07/1997	1010
Chloroethane	<1.2	ug/L	1.2	3.9	S-8260	07/07/1997	1010
Chloroform	<0.18	ug/L	0.18	0.58	S-8260	07/07/1997	1010
Chloromethane	<0.38	ug/L	0.38	1.2	S-8260	07/07/1997	1010
2-Chlorotoluene	<0.28	ug/L	0.28	0.90	S-8260	07/07/1997	1010
4-Chlorotoluene	<0.47	ug/L	0.47	1.5	S-8260	07/07/1997	1010
1,2-Dibromo-3-Chloropropane	<1.4	ug/L	1.4	4.5	S-8260	07/07/1997	1010
1,2-Dibromoethane (EDB)	<0.16	ug/L	0.16	0.51	S-8260	07/07/1997	1010
Dibromomethane	<0.11	ug/L	0.11	0.36	S-8260	07/07/1997	1010
1,2-Dichlorobenzene	<0.20	ug/L	0.20	0.64	S-8260	07/07/1997	1010
1,3-Dichlorobenzene	<0.22	ug/L	0.22	0.71	S-8260	07/07/1997	1010
1,4-Dichlorobenzene	<0.35	ug/L	0.35	1.1	S-8260	07/07/1997	1010
Dichlorodifluoromethane	<0.49	ug/L	0.49	1.6	S-8260	07/07/1997	1010
1,1-Dichloroethane	4.2	ug/L	0.25	0.79	S-8260	07/07/1997	1010
1,2-Dichloroethane	<0.20	ug/L	0.20	0.63	S-8260	07/07/1997	1010
1,1-Dichloroethene	6.5	ug/L	0.73	2.3	S-8260	07/07/1997	1010
cis-1,2-Dichloroethene	<0.23	ug/L	0.23	0.74	S-8260	07/07/1997	1010
trans-1,2-Dichloroethene	<0.39	ug/L	0.39	1.2	S-8260	07/07/1997	1010
1,2-Dichloropropane	<0.29	ug/L	0.29	0.93	S-8260	07/07/1997	1010
1,3-Dichloropropane	<0.15	ug/L	0.15	0.46	S-8260	07/07/1997	1010
2,2-Dichloropropane	<0.37	ug/L	0.37	1.2	S-8260	07/07/1997	1010
1,1-Dichloropropane	<0.63	ug/L	0.63	2.0	S-8260	07/07/1997	1010
cis-1,3-Dichloropropene	<0.17	ug/L	0.17	0.56	S-8260	07/07/1997	1010
trans-1,3-Dichloropropene	<0.13	ug/L	0.13	0.42	S-8260	07/07/1997	1010
Di-isopropyl ether	<0.13	ug/L	0.13	0.41	S-8260	07/07/1997	1010



NATIONAL  
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WENR No. 128053530

## ANALYTICAL AND QUALITY CONTROL REPORT

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

07/11/1997

Job No: 97.06142

Page 1

Enclosed are the Analytical and Quality Control reports for the following samples submitted for analysis:

Sample Number	Sample Description	Date Taken	Date Received
255885	MW-01 #1135	06/25/1997	07/01/1997
255886	MW-02 #1135	06/25/1997	07/01/1997
255887	MW-03 #1135	06/25/1997	07/01/1997
255888	PZ-101 #1135	06/25/1997	07/01/1997
255889	MW-101 #1135	06/25/1997	07/01/1997
255890	MW-102 #1135	06/25/1997	07/01/1997
255891	MW-103 #1135	06/25/1997	07/01/1997
255892	MW-104 #1135	06/25/1997	07/01/1997
255893	MW-105 #1135	06/25/1997	07/01/1997
255894	PZ-102 #1135	06/25/1997	07/01/1997
255895	MW-106 #1135	06/25/1997	07/01/1997
255896	PZ-103 #1135	06/25/1997	07/01/1997
255897	MW-107 #1135	06/26/1997	07/01/1997
255898	MW-108 #1135	06/26/1997	07/01/1997
255899	PZ-104 #1135	06/26/1997	07/01/1997

Soil results are reported on a dry weight basis. The above sample(s) may have a result flag shown on the report. The following are the result flag definitions:

A = Analyzed/extracted past hold time	B = Blank is contaminated
C = Standard outside of control limits	D = Diluted for analysis
F = Sample filtered in lab	G = Received past hold time
H = Late eluting hydrocarbons present	I = Improperly handled sample
J = Estimated concentration	L = Common lab solvent and contaminant
M = Matrix interference	P = Improperly preserved sample
Q = Result confirmed via re-analysis	S = Sediment present
T = Does not match typical pattern	W = BOD re-set due to missed dilution
X = Unidentified compound(s) present	Z = Internal standard outside limits

Brian D. DeJong, Organic Operations Manager  
Certification No. 128053530



NATIONAL ENVIRONMENTAL TESTING, INC.

Watertown Division  
602 Commerce Drive  
P.O. Box 288  
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WDNR No. 128053530

## ANALYTICAL AND QUALITY CONTROL REPORT

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

07/11/1997

Job No: 97.06142

Page 2

Enclosed are the Analytical and Quality Control reports for the following samples submitted for analysis:

Sample Number	Sample Description	Date Taken	Date Received
255900	MW-109 #1135	06/26/1997	07/01/1997
255901	MW-110 #1135	06/26/1997	07/01/1997
255902	PZ-105 #1135	06/26/1997	07/01/1997
255903	MW-111 #1135	06/26/1997	07/01/1997
255904	MW-112 #1135	06/26/1997	07/01/1997
255905	MW-195 #1135	06/26/1997	07/01/1997
255906	Trip Blk #1135	06/26/1997	07/01/1997
256137	MW-196 #1135	06/26/1997	07/03/1997

Soil results are reported on a dry weight basis. The above sample(s) may have a result flag shown on the report. The following are the result flag definitions:

A = Analyzed/extracted past hold time	B = Blank is contaminated
C = Standard outside of control limits	D = Diluted for analysis
F = Sample filtered in lab	G = Received past hold time
H = Late eluting hydrocarbons present	I = Improperly handled sample
J = Estimated concentration	L = Common lab solvent and contaminant
M = Matrix interference	P = Improperly preserved sample
Q = Result confirmed via re-analysis	S = Sediment present
T = Does not match typical pattern	W = BOD re-set due to missed dilution
X = Unidentified compound(s) present	Z = Internal standard outside limits

Brian D. DeJong, Organic Operations Manager  
Certification No. 128053530



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WDNR No. 128053530

## ANALYTICAL REPORT

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

07/11/1997  
Job No: 97.06142  
Sample No: 255885  
Account No: 52450  
Page 4

JOB DESCRIPTION: #1135 WDNR Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-01 #1135  
Recv'd 4.0 C

Date Taken: 06/25/1997

Date Received: 07/01/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
Ethylbenzene	<0.38	ug/L	0.38	1.2	S-8260	07/07/1997	1010
Hexachlorobutadiene	<0.37	ug/L	0.37	1.2	S-8260	07/07/1997	1010
Isopropylbenzene	<0.36	ug/L	0.36	1.1	S-8260	07/07/1997	1010
p-Isopropyltoluene	<0.35	ug/L	0.35	1.1	S-8260	07/07/1997	1010
Methylene Chloride	<0.87	ug/L	0.87	3.1	S-8260	07/07/1997	1010
Methyl-t-butyl ether	<0.14	ug/L	0.14	0.45	S-8260	07/07/1997	1010
Naphthalene	<0.35	ug/L	0.35	1.1	S-8260	07/07/1997	1010
n-Propylbenzene	<0.46	ug/L	0.46	1.5	S-8260	07/07/1997	1010
Styrene	<0.16	ug/L	0.16	0.51	S-8260	07/07/1997	1010
1,1,1,2-Tetrachloroethane	<0.11	ug/L	0.11	0.34	S-8260	07/07/1997	1010
1,1,2,2-Tetrachloroethane	<0.39	ug/L	0.39	1.3	S-8260	07/07/1997	1010
Tetrachloroethene	<0.63	ug/L	0.63	2.0	S-8260	07/07/1997	1010
Toluene	<0.39	ug/L	0.39	1.3	S-8260	07/07/1997	1010
1,2,3-Trichlorobenzene	<0.32	ug/L	0.32	1.0	S-8260	07/07/1997	1010
1,2,4-Trichlorobenzene	<0.18	ug/L	0.18	0.57	S-8260	07/07/1997	1010
1,1,1-Trichloroethane	390	ug/L	0.28	0.88	S-8260	07/07/1997	1010
1,1,2-Trichloroethane	<0.15	ug/L	0.15	0.46	S-8260	07/07/1997	1010
Trichloroethene	<0.49	ug/L	0.49	1.6	S-8260	07/07/1997	1010
Trichlorofluoromethane	<0.58	ug/L	0.58	1.8	S-8260	07/07/1997	1010
1,2,3-Trichloropropane	<0.29	ug/L	0.29	0.90	S-8260	07/07/1997	1010
1,2,4-Trimethylbenzene	<0.32	ug/L	0.32	1.0	S-8260	07/07/1997	1010
1,3,5-Trimethylbenzene	<0.33	ug/L	0.33	1.0	S-8260	07/07/1997	1010
Vinyl Chloride	<0.46	ug/L	0.46	1.5	S-8260	07/07/1997	1010
Xylenes, Total	<1.1	ug/L	1.1	3.6	S-8260	07/07/1997	1010
Surr: Dibromofluoromethane	112.0	%	n/a	n/a	S-8260	07/07/1997	1010
Surr: Toluene-d8	98.5	%	n/a	n/a	S-8260	07/07/1997	1010
Surr: Bromofluorobenzene	96.0	%	n/a	n/a	S-8260	07/07/1997	1010



NATIONAL ENVIRONMENTAL TESTING, INC.

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WDNR No. 129053530

ANALYTICAL REPORT

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

07/11/1997  
Job No: 97.06142  
Sample No: 255886  
Account No: 52450  
Page 5

JOB DESCRIPTION: #1135 WDNR Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-02 #1135  
Recv'd 4.0 C

Date Taken: 06/25/1997

Date Received: 07/01/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
VOC - AQUEOUS - EPA 8260							
Benzene	<0.31	ug/L	0.31	0.98	S-8260	07/07/1997	1010
Bromobenzene	<0.20	ug/L	0.20	0.64	S-8260	07/07/1997	1010
Bromochloromethane	<0.32	ug/L	0.32	1.0	S-8260	07/07/1997	1010
Bromodichloromethane	<0.20	ug/L	0.20	0.63	S-8260	07/07/1997	1010
Bromoform	<0.14	ug/L	0.14	0.45	S-8260	07/07/1997	1010
Bromomethane	<0.46	ug/L	0.46	1.5	S-8260	07/07/1997	1010
n-Butylbenzene	<0.44	ug/L	0.44	1.4	S-8260	07/07/1997	1010
sec-Butylbenzene	<0.45	ug/L	0.45	1.4	S-8260	07/07/1997	1010
tert-Butylbenzene	<0.38	ug/L	0.38	1.2	S-8260	07/07/1997	1010
Carbon Tetrachloride	<0.40	ug/L	0.40	1.3	S-8260	07/07/1997	1010
Chlorobenzene	<0.22	ug/L	0.22	0.69	S-8260	07/07/1997	1010
Chlorodibromomethane	<0.10	ug/L	0.10	0.33	S-8260	07/07/1997	1010
Chloroethane	<1.2	ug/L	1.2	3.9	S-8260	07/07/1997	1010
Chloroform	<0.18	ug/L	0.18	0.58	S-8260	07/07/1997	1010
Chloromethane	<0.38	ug/L	0.38	1.2	S-8260	07/07/1997	1010
2-Chlorotoluene	<0.28	ug/L	0.28	0.90	S-8260	07/07/1997	1010
4-Chlorotoluene	<0.47	ug/L	0.47	1.5	S-8260	07/07/1997	1010
1,2-Dibromo-3-Chloropropane	<1.4	ug/L	1.4	4.5	S-8260	07/07/1997	1010
1,2-Dibromoethane (EDB)	<0.16	ug/L	0.16	0.51	S-8260	07/07/1997	1010
Dibromomethane	<0.11	ug/L	0.11	0.36	S-8260	07/07/1997	1010
1,2-Dichlorobenzene	<0.20	ug/L	0.20	0.64	S-8260	07/07/1997	1010
1,3-Dichlorobenzene	<0.22	ug/L	0.22	0.71	S-8260	07/07/1997	1010
1,4-Dichlorobenzene	<0.35	ug/L	0.35	1.1	S-8260	07/07/1997	1010
Dichlorodifluoromethane	<0.49	ug/L	0.49	1.6	S-8260	07/07/1997	1010
1,1-Dichloroethane	1.7	ug/L	0.25	0.79	S-8260	07/07/1997	1010
1,2-Dichloroethane	<0.20	ug/L	0.20	0.63	S-8260	07/07/1997	1010
1,1-Dichloroethene	2.9	ug/L	0.73	2.3	S-8260	07/07/1997	1010
cis-1,2-Dichloroethene	<0.23	ug/L	0.23	0.74	S-8260	07/07/1997	1010
trans-1,2-Dichloroethene	<0.39	ug/L	0.39	1.2	S-8260	07/07/1997	1010
1,2-Dichloropropane	<0.29	ug/L	0.29	0.93	S-8260	07/07/1997	1010
1,3-Dichloropropane	<0.15	ug/L	0.15	0.46	S-8260	07/07/1997	1010
2,2-Dichloropropane	<0.37	ug/L	0.37	1.2	S-8260	07/07/1997	1010
1,1-Dichloropropene	<0.63	ug/L	0.63	2.0	S-8260	07/07/1997	1010
cis-1,3-Dichloropropene	<0.17	ug/L	0.17	0.56	S-8260	07/07/1997	1010
trans-1,3-Dichloropropene	<0.13	ug/L	0.13	0.42	S-8260	07/07/1997	1010
Di-isopropyl ether	<0.13	ug/L	0.13	0.41	S-8260	07/07/1997	1010





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WDNR No. 128053530

## ANALYTICAL REPORT

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

07/11/1997  
Job No: 97.06142  
Sample No: 255886  
Account No: 52450  
Page 6

JOB DESCRIPTION: #1135 WDNR Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-02 #1135  
Recv'd 4.0 C

Date Taken: 06/25/1997

Date Received: 07/01/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
Ethylbenzene	<0.38	ug/L	0.38	1.2	S-8260	07/07/1997	1010
Hexachlorobutadiene	<0.37	ug/L	0.37	1.2	S-8260	07/07/1997	1010
Isopropylbenzene	<0.36	ug/L	0.36	1.1	S-8260	07/07/1997	1010
p-Isopropyltoluene	<0.35	ug/L	0.35	1.1	S-8260	07/07/1997	1010
Methylene Chloride	<0.97	ug/L	0.87	3.1	S-8260	07/07/1997	1010
Methyl-t-butyl ether	<0.14	ug/L	0.14	0.45	S-8260	07/07/1997	1010
Naphthalene	<0.35	ug/L	0.35	1.1	S-8260	07/07/1997	1010
n-Propylbenzene	<0.46	ug/L	0.46	1.5	S-8260	07/07/1997	1010
Styrene	<0.16	ug/L	0.16	0.51	S-8260	07/07/1997	1010
1,1,1,2-Tetrachloroethane	<0.11	ug/L	0.11	0.34	S-8260	07/07/1997	1010
1,1,2,2-Tetrachloroethane	<0.39	ug/L	0.39	1.3	S-8260	07/07/1997	1010
Tetrachloroethene	<0.63	ug/L	0.63	2.0	S-8260	07/07/1997	1010
Toluene	<0.39	ug/L	0.39	1.3	S-8260	07/07/1997	1010
1,2,3-Trichlorobenzene	<0.32	ug/L	0.32	1.0	S-8260	07/07/1997	1010
1,2,4-Trichlorobenzene	<0.18	ug/L	0.18	0.57	S-8260	07/07/1997	1010
1,1,1-Trichloroethane	190	ug/L	0.28	0.98	S-8260	07/07/1997	1010
1,1,2-Trichloroethane	<0.15	ug/L	0.15	0.46	S-8260	07/07/1997	1010
Trichloroethene	<0.49	ug/L	0.49	1.6	S-8260	07/07/1997	1010
Trichlorofluoromethane	<0.58	ug/L	0.58	1.8	S-8260	07/07/1997	1010
1,2,3-Trichloropropane	<0.28	ug/L	0.28	0.90	S-8260	07/07/1997	1010
1,2,4-Trimethylbenzene	<0.32	ug/L	0.32	1.0	S-8260	07/07/1997	1010
1,3,5-Trimethylbenzene	<0.33	ug/L	0.33	1.0	S-8260	07/07/1997	1010
Vinyl Chloride	<0.46	ug/L	0.46	1.5	S-8260	07/07/1997	1010
Xylenes, Total	<1.1	ug/L	1.1	3.6	S-8260	07/07/1997	1010
Surr: Dibromofluoromethane	109.4	%	n/a	n/a	S-8260	07/07/1997	1010
Surr: Toluene-d8	98.6	%	n/a	n/a	S-8260	07/07/1997	1010
Surr: Bromofluorobenzene	96.6	%	n/a	n/a	S-8260	07/07/1997	1010



**NATIONAL ENVIRONMENTAL TESTING, INC.**

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WDNR No. 128053530

**ANALYTICAL REPORT**

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

07/11/1997  
Job No: 97.06142  
Sample No: 255887  
Account No: 52450  
Page 7

JOB DESCRIPTION: #1135 WDNR Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-03 #1135  
Recv'd 4.0 C

Date Taken: 06/25/1997

Date Received: 07/01/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
VOC - AQUEOUS - EPA 8260							
Benzene	<3.1	ug/L	0.31	0.98	S-8260	07/08/1997	1009
Bromobenzene	<2.0	ug/L	0.20	0.64	S-8260	07/08/1997	1009
Bromochloromethane	<3.2	ug/L	0.32	1.0	S-8260	07/08/1997	1009
Bromodichloromethane	<2.0	ug/L	0.20	0.63	S-8260	07/08/1997	1009
Bromoform	<1.4	ug/L	0.14	0.45	S-8260	07/08/1997	1009
Bromomethane	<4.6	ug/L	0.46	1.5	S-8260	07/08/1997	1009
n-Butylbenzene	<4.4	ug/L	0.44	1.4	S-8260	07/08/1997	1009
sec-Butylbenzene	<4.5	ug/L	0.45	1.4	S-8260	07/08/1997	1009
tert-Butylbenzene	<3.8	ug/L	0.38	1.2	S-8260	07/08/1997	1009
Carbon Tetrachloride	<4.0	ug/L	0.40	1.3	S-8260	07/08/1997	1009
Chlorobenzene	<2.2	ug/L	0.22	0.69	S-8260	07/08/1997	1009
Chlorodibromomethane	<1.0	ug/L	0.10	0.33	S-8260	07/08/1997	1009
Chloroethane	<12	ug/L	1.2	3.9	S-8260	07/08/1997	1009
Chloroform	<1.3	ug/L	0.13	0.58	S-8260	07/08/1997	1009
Chloromethane	<3.8	ug/L	0.38	1.2	S-8260	07/08/1997	1009
2-Chlorotoluene	<2.8	ug/L	0.28	0.90	S-8260	07/08/1997	1009
4-Chlorotoluene	<4.7	ug/L	0.47	1.5	S-8260	07/08/1997	1009
1,2-Dibromo-3-Chloropropane	<14	ug/L	1.4	4.5	S-8260	07/08/1997	1009
1,2-Dibromoethane (EDB)	<1.6	ug/L	0.16	0.51	S-8260	07/08/1997	1009
Dibromomethane	<1.1	ug/L	0.11	0.36	S-8260	07/08/1997	1009
1,2-Dichlorobenzene	<2.0	ug/L	0.20	0.64	S-8260	07/08/1997	1009
1,3-Dichlorobenzene	<2.2	ug/L	0.22	0.71	S-8260	07/08/1997	1009
1,4-Dichlorobenzene	<3.5	ug/L	0.35	1.1	S-8260	07/08/1997	1009
Dichlorodifluoromethane	<4.9	ug/L	0.49	1.6	S-8260	07/08/1997	1009
1,1-Dichloroethane	16	ug/L	0.25	0.79	S-8260	07/08/1997	1009
1,2-Dichloroethane	<2.0	ug/L	0.20	0.63	S-8260	07/08/1997	1009
1,1-Dichloroethene	24	ug/L	0.73	2.3	S-8260	07/08/1997	1009
cis-1,2-Dichloroethene	<2.3	ug/L	0.23	0.74	S-8260	07/08/1997	1009
trans-1,2-Dichloroethene	<3.9	ug/L	0.39	1.2	S-8260	07/08/1997	1009
1,2-Dichloropropane	<2.9	ug/L	0.29	0.93	S-8260	07/08/1997	1009
1,3-Dichloropropane	<1.5	ug/L	0.15	0.46	S-8260	07/08/1997	1009
2,2-Dichloropropane	<3.7	ug/L	0.37	1.2	S-8260	07/08/1997	1009
1,1-Dichloropropene	<6.3	ug/L	0.63	2.0	S-8260	07/08/1997	1009
cis-1,3-Dichloropropene	<1.7	ug/L	0.17	0.56	S-8260	07/08/1997	1009
trans-1,3-Dichloropropene	<1.3	ug/L	0.13	0.42	S-8260	07/08/1997	1009
Di-isopropyl ether	<1.3	ug/L	0.13	0.41	S-8260	07/08/1997	1009



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WDNR No. 128053530

## ANALYTICAL REPORT

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

07/11/1997  
Job No: 97.06142  
Sample No: 255887  
Account No: 52450  
Page 8

JOB DESCRIPTION: #1135 WDNR Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-03 #1135  
Recv'd 4.0 C

Date Taken: 06/25/1997

Date Received: 07/01/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
Ethylbenzene	<3.3	ug/L	0.38	1.2	S-8260	07/08/1997	1009
Hexachlorobutadiene	<3.7	ug/L	0.37	1.2	S-8260	07/08/1997	1009
Isopropylbenzene	<3.6	ug/L	0.36	1.1	S-8260	07/08/1997	1009
p-Isopropyltoluene	<3.5	ug/L	0.35	1.1	S-8260	07/08/1997	1009
Methylene Chloride	<8.7	ug/L	0.87	3.1	S-8260	07/08/1997	1009
Methyl-t-butyl ether	<1.4	ug/L	0.14	0.45	S-8260	07/08/1997	1009
Naphthalene	<3.5	ug/L	0.35	1.1	S-8260	07/08/1997	1009
n-Propylbenzene	<4.6	ug/L	0.46	1.5	S-8260	07/08/1997	1009
Styrene	<1.6	ug/L	0.16	0.51	S-8260	07/08/1997	1009
1,1,1,2-Tetrachloroethane	<1.1	ug/L	0.11	0.34	S-8260	07/08/1997	1009
1,1,2,2-Tetrachloroethane	<3.9	ug/L	0.39	1.3	S-8260	07/08/1997	1009
Tetrachloroethene	<6.3	ug/L	0.63	2.0	S-8260	07/08/1997	1009
Toluene	16	ug/L	0.39	1.3	S-8260	07/08/1997	1009
1,2,3-Trichlorobenzene	<3.2	ug/L	0.32	1.0	S-8260	07/08/1997	1009
1,2,4-Trichlorobenzene	<1.8	ug/L	0.18	0.57	S-8260	07/08/1997	1009
1,1,1-Trichloroethane	1,700	ug/L	0.28	0.88	S-8260	07/08/1997	1009
1,1,2-Trichloroethane	<1.5	ug/L	0.15	0.46	S-8260	07/08/1997	1009
Trichloroethene	<4.9	ug/L	0.49	1.6	S-8260	07/08/1997	1009
Trichlorofluoromethane	<5.3	ug/L	0.53	1.8	S-8260	07/08/1997	1009
1,2,3-Trichloropropane	<2.8	ug/L	0.28	0.90	S-8260	07/08/1997	1009
1,2,4-Trimethylbenzene	<3.2	ug/L	0.32	1.0	S-8260	07/08/1997	1009
1,3,5-Trimethylbenzene	<3.3	ug/L	0.33	1.0	S-8260	07/08/1997	1009
Vinyl Chloride	<4.6	ug/L	0.46	1.5	S-8260	07/08/1997	1009
Xylenes, Total	<11	ug/L	1.1	3.6	S-8260	07/08/1997	1009
Surr: Dibromofluoromethane	104.3	%	n/a	n/a	S-8260	07/08/1997	1009
Surr: Toluene-d8	96.3	%	n/a	n/a	S-8260	07/08/1997	1009
Surr: Bromofluorobenzene	95.0	%	n/a	n/a	S-8260	07/08/1997	1009



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WDNR No. 128053530

**ANALYTICAL REPORT**

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

07/11/1997  
Job No: 97.06142  
Sample No: 255888  
Account No: 52450  
Page 9

JOB DESCRIPTION: #1135 WDNR Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: PZ-101 #1135  
Recv'd 4.0 C

Date Taken: 06/25/1997

Date Received: 07/01/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
VOC - AQUEOUS - EPA 8260							
Benzene	<0.31	ug/L	0.31	0.98	S-8260	07/08/1997	1009
Bromobenzene	<0.20	ug/L	0.20	0.64	S-8260	07/08/1997	1009
Bromochloromethane	<0.32	ug/L	0.32	1.0	S-8260	07/08/1997	1009
Bromodichloromethane	<0.20	ug/L	0.20	0.63	S-8260	07/08/1997	1009
Bromoform	<0.14	ug/L	0.14	0.45	S-8260	07/08/1997	1009
Bromomethane	<0.46	ug/L	0.46	1.5	S-8260	07/08/1997	1009
n-Butylbenzene	<0.44	ug/L	0.44	1.4	S-8260	07/08/1997	1009
sec-Butylbenzene	<0.45	ug/L	0.45	1.4	S-8260	07/08/1997	1009
tert-Butylbenzene	<0.38	ug/L	0.38	1.2	S-8260	07/08/1997	1009
Carbon Tetrachloride	<0.40	ug/L	0.40	1.3	S-8260	07/08/1997	1009
Chlorobenzene	<0.22	ug/L	0.22	0.69	S-8260	07/08/1997	1009
Chlorodibromomethane	<0.10	ug/L	0.10	0.33	S-8260	07/08/1997	1009
Chloroethane	<1.2	ug/L	1.2	3.9	S-8260	07/08/1997	1009
Chloroform	<0.18	ug/L	0.18	0.58	S-8260	07/08/1997	1009
Chloromethane	<0.38	ug/L	0.38	1.2	S-8260	07/08/1997	1009
2-Chlorotoluene	<0.28	ug/L	0.28	0.90	S-8260	07/08/1997	1009
4-Chlorotoluene	<0.47	ug/L	0.47	1.5	S-8260	07/08/1997	1009
1,2-Dibromo-3-Chloropropane	<1.4	ug/L	1.4	4.5	S-8260	07/08/1997	1009
1,2-Dibromoethane (EDB)	<0.16	ug/L	0.16	0.51	S-8260	07/08/1997	1009
Dibromomethane	<0.11	ug/L	0.11	0.36	S-8260	07/08/1997	1009
1,2-Dichlorobenzene	<0.20	ug/L	0.20	0.64	S-8260	07/08/1997	1009
1,3-Dichlorobenzene	<0.22	ug/L	0.22	0.71	S-8260	07/08/1997	1009
1,4-Dichlorobenzene	<0.35	ug/L	0.35	1.1	S-8260	07/08/1997	1009
Dichlorodifluoromethane	<0.49	ug/L	0.49	1.6	S-8260	07/08/1997	1009
1,1-Dichloroethane	<0.25	ug/L	0.25	0.79	S-8260	07/08/1997	1009
1,2-Dichloroethane	<0.20	ug/L	0.20	0.53	S-8260	07/08/1997	1009
1,1-Dichloroethene	<0.73	ug/L	0.73	2.3	S-8260	07/08/1997	1009
cis-1,2-Dichloroethene	<0.23	ug/L	0.23	0.74	S-8260	07/08/1997	1009
trans-1,2-Dichloroethene	<0.39	ug/L	0.39	1.2	S-8260	07/08/1997	1009
1,2-Dichloropropane	<0.29	ug/L	0.29	0.93	S-8260	07/08/1997	1009
1,3-Dichloropropane	<0.15	ug/L	0.15	0.46	S-8260	07/08/1997	1009
2,2-Dichloropropane	<0.37	ug/L	0.37	1.2	S-8260	07/08/1997	1009
1,1-Dichloropropene	<0.63	ug/L	0.63	2.0	S-8260	07/08/1997	1009
cis-1,3-Dichloropropene	<0.17	ug/L	0.17	0.55	S-8260	07/08/1997	1009
trans-1,3-Dichloropropene	<0.13	ug/L	0.13	0.42	S-8260	07/08/1997	1009
Di-isopropyl ether	<0.13	ug/L	0.13	0.41	S-8260	07/08/1997	1009



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WDNR No. 128053530

## ANALYTICAL REPORT

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

07/11/1997  
Job No: 97.06142  
Sample No: 255888  
Account No: 52450  
Page 10

JOB DESCRIPTION: #1135 WDNR Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: PZ-101 #1135  
Recv'd 4.0 C

Date Taken: 06/25/1997

Date Received: 07/01/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
Ethylbenzene	<0.38	ug/L	0.38	1.2	S-8260	07/08/1997	1009
Hexachlorobutadiene	<0.37	ug/L	0.37	1.2	S-8260	07/08/1997	1009
Isopropylbenzene	<0.36	ug/L	0.36	1.1	S-8260	07/08/1997	1009
p-Isopropyltoluene	<0.35	ug/L	0.35	1.1	S-8260	07/08/1997	1009
Methylene Chloride	<0.87	ug/L	0.87	3.1	S-8260	07/08/1997	1009
Methyl-t-butyl ether	<0.14	ug/L	0.14	0.45	S-8260	07/08/1997	1009
Naphthalene	<0.35	ug/L	0.35	1.1	S-8260	07/08/1997	1009
n-Propylbenzene	<0.46	ug/L	0.46	1.5	S-8260	07/08/1997	1009
Styrene	<0.16	ug/L	0.16	0.51	S-8260	07/08/1997	1009
1,1,1,2-Tetrachloroethane	<0.11	ug/L	0.11	0.34	S-8260	07/08/1997	1009
1,1,2,2-Tetrachloroethane	<0.39	ug/L	0.39	1.3	S-8260	07/08/1997	1009
Tetrachloroethene	<0.63	ug/L	0.63	2.0	S-8260	07/08/1997	1009
Toluene	<0.39	ug/L	0.39	1.3	S-8260	07/08/1997	1009
1,2,3-Trichlorobenzene	<0.32	ug/L	0.32	1.0	S-8260	07/08/1997	1009
1,2,4-Trichlorobenzene	<0.18	ug/L	0.18	0.57	S-8260	07/08/1997	1009
1,1,1-Trichloroethane	<0.28	ug/L	0.28	0.88	S-8260	07/08/1997	1009
1,1,2-Trichloroethane	<0.15	ug/L	0.15	0.46	S-8260	07/08/1997	1009
Trichloroethene	<0.49	ug/L	0.49	1.6	S-8260	07/08/1997	1009
Trichlorofluoromethane	<0.58	ug/L	0.58	1.8	S-8260	07/08/1997	1009
1,2,3-Trichloropropane	<0.28	ug/L	0.28	0.90	S-8260	07/08/1997	1009
1,2,4-Trimethylbenzene	<0.32	ug/L	0.32	1.0	S-8260	07/08/1997	1009
1,3,5-Trimethylbenzene	<0.33	ug/L	0.33	1.0	S-8260	07/08/1997	1009
Vinyl Chloride	<0.46	ug/L	0.46	1.5	S-8260	07/08/1997	1009
Xylenes, Total	<1.1	ug/L	1.1	3.6	S-8260	07/08/1997	1009
Surr: Dibromofluoromethane	102.8	%	n/a	n/a	S-8260	07/08/1997	1009
Surr: Toluene-d8	96.8	%	n/a	n/a	S-8260	07/08/1997	1009
Surr: Bromofluorobenzene	95.8	%	n/a	n/a	S-8260	07/08/1997	1009



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WDNR No. 128053530

ANALYTICAL REPORT

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

07/11/1997  
Job No: 97.06142  
Sample No: 255889  
Account No: 52450  
Page 11

JOB DESCRIPTION: #1135 WDNR Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-101 #1135  
Recv'd 4.0 C

Date Taken: 06/25/1997

Date Received: 07/01/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
VOC - AQUEOUS - EPA 8260							
Benzene	<0.31	ug/L	0.31	0.98	S-8260	07/07/1997	1010
Bromobenzene	<0.20	ug/L	0.20	0.64	S-8260	07/07/1997	1010
Bromochloromethane	<0.32	ug/L	0.32	1.0	S-8260	07/07/1997	1010
Bromodichloromethane	<0.20	ug/L	0.20	0.63	S-8260	07/07/1997	1010
Bromoform	<0.14	ug/L	0.14	0.45	S-8260	07/07/1997	1010
Bromomethane	<0.46	ug/L	0.46	1.5	S-8260	07/07/1997	1010
n-Butylbenzene	<0.44	ug/L	0.44	1.4	S-8260	07/07/1997	1010
sec-Butylbenzene	<0.45	ug/L	0.45	1.4	S-8260	07/07/1997	1010
tert-Butylbenzene	<0.38	ug/L	0.38	1.2	S-8260	07/07/1997	1010
Carbon Tetrachloride	<0.40	ug/L	0.40	1.3	S-8260	07/07/1997	1010
Chlorobenzene	<0.22	ug/L	0.22	0.69	S-8260	07/07/1997	1010
Chlorodibromomethane	<0.10	ug/L	0.10	0.33	S-8260	07/07/1997	1010
Chloroethane	<1.2	ug/L	1.2	3.9	S-8260	07/07/1997	1010
Chloroform	<0.18	ug/L	0.18	0.58	S-8260	07/07/1997	1010
Chloromethane	<0.38	ug/L	0.38	1.2	S-8260	07/07/1997	1010
2-Chlorotoluene	<0.28	ug/L	0.28	0.90	S-8260	07/07/1997	1010
4-Chlorotoluene	<0.47	ug/L	0.47	1.5	S-8260	07/07/1997	1010
1,2-Dibromo-3-Chloropropane	<1.4	ug/L	1.4	4.5	S-8260	07/07/1997	1010
1,2-Dibromoethane (EDB)	<0.16	ug/L	0.16	0.51	S-8260	07/07/1997	1010
Dibromomethane	<0.11	ug/L	0.11	0.36	S-8260	07/07/1997	1010
1,2-Dichlorobenzene	<0.20	ug/L	0.20	0.64	S-8260	07/07/1997	1010
1,3-Dichlorobenzene	<0.22	ug/L	0.22	0.71	S-8260	07/07/1997	1010
1,4-Dichlorobenzene	<0.35	ug/L	0.35	1.1	S-8260	07/07/1997	1010
Dichlorodifluoromethane	<0.49	ug/L	0.49	1.6	S-8260	07/07/1997	1010
1,1-Dichloroethane	<0.25	ug/L	0.25	0.79	S-8260	07/07/1997	1010
1,2-Dichloroethane	<0.20	ug/L	0.20	0.63	S-8260	07/07/1997	1010
1,1-Dichloroethene	<0.73	ug/L	0.73	2.3	S-8260	07/07/1997	1010
cis-1,2-Dichloroethene	<0.23	ug/L	0.23	0.74	S-8260	07/07/1997	1010
trans-1,2-Dichloroethene	<0.39	ug/L	0.39	1.2	S-8260	07/07/1997	1010
1,2-Dichloropropane	<0.29	ug/L	0.29	0.93	S-8260	07/07/1997	1010
1,3-Dichloropropane	<0.15	ug/L	0.15	0.46	S-8260	07/07/1997	1010
2,2-Dichloropropane	<0.37	ug/L	0.37	1.2	S-8260	07/07/1997	1010
1,1-Dichloropropene	<0.63	ug/L	0.63	2.0	S-8260	07/07/1997	1010
cis-1,3-Dichloropropene	<0.17	ug/L	0.17	0.56	S-8260	07/07/1997	1010
trans-1,3-Dichloropropene	<0.13	ug/L	0.13	0.42	S-8260	07/07/1997	1010
Di-isopropyl ether	<0.13	ug/L	0.13	0.41	S-8260	07/07/1997	1010



**NATIONAL ENVIRONMENTAL TESTING, INC.**

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WDNR No. 128053530

**ANALYTICAL REPORT**

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

07/11/1997  
Job No: 97.06142  
Sample No: 255889  
Account No: 52450  
Page 12

JOB DESCRIPTION: #1135 WDNR Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-101 #1135  
Recv'd 4.0 C

Date Taken: 06/25/1997

Date Received: 07/01/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
Ethylbenzene	<0.38	ug/L	0.38	1.2	S-8260	07/07/1997	1010
Hexachlorobutadiene	<0.37	ug/L	0.37	1.2	S-8260	07/07/1997	1010
Isopropylbenzene	<0.36	ug/L	0.36	1.1	S-8260	07/07/1997	1010
p-Isopropyltoluene	<0.35	ug/L	0.35	1.1	S-8260	07/07/1997	1010
Methylene Chloride	<0.37	ug/L	0.37	3.1	S-8260	07/07/1997	1010
Methyl-t-butyl ether	<0.14	ug/L	0.14	0.45	S-8260	07/07/1997	1010
Naphthalene	<0.35	ug/L	0.35	1.1	S-8260	07/07/1997	1010
n-Propylbenzene	<0.46	ug/L	0.46	1.5	S-8260	07/07/1997	1010
Styrene	<0.16	ug/L	0.16	0.51	S-8260	07/07/1997	1010
1,1,1,2-Tetrachloroethane	<0.11	ug/L	0.11	0.34	S-8260	07/07/1997	1010
1,1,2,2-Tetrachloroethane	<0.39	ug/L	0.39	1.3	S-8260	07/07/1997	1010
Tetrachloroethene	<0.63	ug/L	0.63	2.0	S-8260	07/07/1997	1010
Toluene	<0.39	ug/L	0.39	1.3	S-8260	07/07/1997	1010
1,2,3-Trichlorobenzene	<0.32	ug/L	0.32	1.0	S-8260	07/07/1997	1010
1,2,4-Trichlorobenzene	<0.18	ug/L	0.18	0.57	S-8260	07/07/1997	1010
1,1,1-Trichloroethane	<0.28	ug/L	0.28	0.88	S-8260	07/07/1997	1010
1,1,2-Trichloroethane	<0.15	ug/L	0.15	0.46	S-8260	07/07/1997	1010
Trichloroethene	<0.49	ug/L	0.49	1.5	S-8260	07/07/1997	1010
Trichlorofluoromethane	<0.58	ug/L	0.58	1.8	S-8260	07/07/1997	1010
1,2,3-Trichloropropane	<0.28	ug/L	0.28	0.90	S-8260	07/07/1997	1010
1,2,4-Trimethylbenzene	<0.32	ug/L	0.32	1.0	S-8260	07/07/1997	1010
1,3,5-Trimethylbenzene	<0.33	ug/L	0.33	1.0	S-8260	07/07/1997	1010
Vinyl Chloride	<0.46	ug/L	0.46	1.5	S-8260	07/07/1997	1010
Xylenes, Total	<1.1	ug/L	1.1	3.6	S-8260	07/07/1997	1010
Surr: Dibromofluoromethane	109.3	%	n/a	n/a	S-8260	07/07/1997	1010
Surr: Toluene-d8	98.4	%	n/a	n/a	S-8260	07/07/1997	1010
Surr: Bromofluorobenzene	96.0	%	n/a	n/a	S-8260	07/07/1997	1010



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WDNR No. 128053530

## ANALYTICAL REPORT

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

07/11/1997  
Job No: 97.06142  
Sample No: 255890  
Account No: 52450  
Page 13

JOB DESCRIPTION: #1135 WDNR Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-102 #1135  
Recv'd 4.0 C

Date Taken: 06/25/1997

Date Received: 07/01/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
VOC - AQUEOUS - EPA 8260							
Benzene	<0.31	ug/L	0.31	0.98	S-8260	07/07/1997	1010
Bromobenzene	<0.20	ug/L	0.20	0.64	S-8260	07/07/1997	1010
Bromochloromethane	<0.32	ug/L	0.32	1.0	S-8260	07/07/1997	1010
Bromodichloromethane	<0.20	ug/L	0.20	0.63	S-8260	07/07/1997	1010
Bromoform	<0.14	ug/L	0.14	0.45	S-8260	07/07/1997	1010
Bromomethane	<0.46	ug/L	0.46	1.5	S-8260	07/07/1997	1010
n-Butylbenzene	<0.44	ug/L	0.44	1.4	S-8260	07/07/1997	1010
sec-Butylbenzene	<0.45	ug/L	0.45	1.4	S-8260	07/07/1997	1010
tert-Butylbenzene	<0.38	ug/L	0.38	1.2	S-8260	07/07/1997	1010
Carbon Tetrachloride	<0.40	ug/L	0.40	1.3	S-8260	07/07/1997	1010
Chlorobenzene	<0.22	ug/L	0.22	0.69	S-8260	07/07/1997	1010
Chlorodibromomethane	<0.10	ug/L	0.10	0.33	S-8260	07/07/1997	1010
Chloroethane	<1.2	ug/L	1.2	3.9	S-8260	07/07/1997	1010
Chloroform	<0.18	ug/L	0.18	0.58	S-8260	07/07/1997	1010
Chloromethane	<0.38	ug/L	0.38	1.2	S-8260	07/07/1997	1010
2-Chlorotoluene	<0.28	ug/L	0.28	0.90	S-8260	07/07/1997	1010
4-Chlorotoluene	<0.47	ug/L	0.47	1.5	S-8260	07/07/1997	1010
1,2-Dibromo-3-Chloropropane	<1.4	ug/L	1.4	4.5	S-8260	07/07/1997	1010
1,2-Dibromoethane (EDB)	<0.16	ug/L	0.16	0.51	S-8260	07/07/1997	1010
Dibromomethane	<0.11	ug/L	0.11	0.36	S-8260	07/07/1997	1010
1,2-Dichlorobenzene	<0.20	ug/L	0.20	0.64	S-8260	07/07/1997	1010
1,3-Dichlorobenzene	<0.22	ug/L	0.22	0.71	S-8260	07/07/1997	1010
1,4-Dichlorobenzene	<0.35	ug/L	0.35	1.1	S-8260	07/07/1997	1010
Dichlorodifluoromethane	<0.49	ug/L	0.49	1.5	S-8260	07/07/1997	1010
1,1-Dichloroethane	<0.25	ug/L	0.25	0.79	S-8260	07/07/1997	1010
1,2-Dichloroethane	<0.20	ug/L	0.20	0.63	S-8260	07/07/1997	1010
1,1-Dichloroethene	4.9	ug/L	0.73	2.3	S-8260	07/07/1997	1010
cis-1,2-Dichloroethene	<0.23	ug/L	0.23	0.74	S-8260	07/07/1997	1010
trans-1,2-Dichloroethene	<0.39	ug/L	0.39	1.2	S-8260	07/07/1997	1010
1,2-Dichloropropane	<0.29	ug/L	0.29	0.93	S-8260	07/07/1997	1010
1,3-Dichloropropane	<0.15	ug/L	0.15	0.46	S-8260	07/07/1997	1010
2,2-Dichloropropane	<0.37	ug/L	0.37	1.2	S-8260	07/07/1997	1010
1,1-Dichloropropene	<0.63	ug/L	0.63	2.0	S-8260	07/07/1997	1010
cis-1,3-Dichloropropene	<0.17	ug/L	0.17	0.56	S-8260	07/07/1997	1010
trans-1,3-Dichloropropene	<0.13	ug/L	0.13	0.42	S-8260	07/07/1997	1010
Di-isopropyl ether	<0.13	ug/L	0.13	0.41	S-8260	07/07/1997	1010





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WDNR No. 128053530

## ANALYTICAL REPORT

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

07/11/1997  
Job No: 97.06142  
Sample No: 255890  
Account No: 52450  
Page 14

JOB DESCRIPTION: #1135 WDNR Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-102 #1135  
Recv'd 4.0 C

Date Taken: 06/25/1997

Date Received: 07/01/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
Ethylbenzene	<0.38	ug/L	0.38	1.2	S-8260	07/07/1997	1010
Hexachlorobutadiene	<0.37	ug/L	0.37	1.2	S-8260	07/07/1997	1010
Isopropylbenzene	<0.36	ug/L	0.36	1.1	S-8260	07/07/1997	1010
p-Isopropyltoluene	<0.35	ug/L	0.35	1.1	S-8260	07/07/1997	1010
Methylene Chloride	<0.87	ug/L	0.87	3.1	S-8260	07/07/1997	1010
Methyl-t-butyl ether	<0.14	ug/L	0.14	0.45	S-8260	07/07/1997	1010
Naphthalene	<0.35	ug/L	0.35	1.1	S-8260	07/07/1997	1010
n-Propylbenzene	<0.46	ug/L	0.46	1.5	S-8260	07/07/1997	1010
Styrene	<0.16	ug/L	0.16	0.51	S-8260	07/07/1997	1010
1,1,1,2-Tetrachloroethane	<0.11	ug/L	0.11	0.34	S-8260	07/07/1997	1010
1,1,2,2-Tetrachloroethane	<0.39	ug/L	0.39	1.3	S-8260	07/07/1997	1010
Tetrachloroethene	<0.63	ug/L	0.63	2.0	S-8260	07/07/1997	1010
Toluene	<0.39	ug/L	0.39	1.3	S-8260	07/07/1997	1010
1,2,3-Trichlorobenzene	<0.32	ug/L	0.32	1.0	S-8260	07/07/1997	1010
1,2,4-Trichlorobenzene	<0.18	ug/L	0.18	0.57	S-8260	07/07/1997	1010
1,1,1-Trichloroethane	140	ug/L	0.28	0.88	S-8260	07/07/1997	1010
1,1,2-Trichloroethane	<0.15	ug/L	0.15	0.46	S-8260	07/07/1997	1010
Trichloroethene	<0.49	ug/L	0.49	1.6	S-8260	07/07/1997	1010
Trichlorofluoromethane	<0.58	ug/L	0.58	1.8	S-8260	07/07/1997	1010
1,2,3-Trichloropropane	<0.28	ug/L	0.28	0.90	S-8260	07/07/1997	1010
1,2,4-Trimethylbenzene	<0.32	ug/L	0.32	1.0	S-8260	07/07/1997	1010
1,3,5-Trimethylbenzene	<0.33	ug/L	0.33	1.0	S-8260	07/07/1997	1010
Vinyl Chloride	<0.46	ug/L	0.46	1.5	S-8260	07/07/1997	1010
Xylenes, Total	<1.1	ug/L	1.1	3.6	S-8260	07/07/1997	1010
Surr: Dibromofluoromethane	111.2	%	n/a	n/a	S-8260	07/07/1997	1010
Surr: Toluene-d8	98.2	%	n/a	n/a	S-8260	07/07/1997	1010
Surr: Bromofluorobenzene	95.2	%	n/a	n/a	S-8260	07/07/1997	1010



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WDNR No. 128053530

**ANALYTICAL REPORT**

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

07/11/1997  
Job No: 97.06142  
Sample No: 255891  
Account No: 52450  
Page 15

JOB DESCRIPTION: #1135 WDNR Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-103 #1135  
Recv'd 4.0 C

Date Taken: 06/25/1997

Date Received: 07/01/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
VOC - AQUEOUS - EPA 8260							
Benzene	<0.31	ug/L	0.31	0.98	S-8260	07/08/1997	1009
Bromobenzene	<0.20	ug/L	0.20	0.64	S-8260	07/08/1997	1009
Bromochloromethane	<0.32	ug/L	0.32	1.0	S-8260	07/08/1997	1009
Bromodichloromethane	<0.20	ug/L	0.20	0.63	S-8260	07/08/1997	1009
Bromoform	<0.14	ug/L	0.14	0.45	S-8260	07/08/1997	1009
Bromomethane	<0.46	ug/L	0.46	1.5	S-8260	07/08/1997	1009
n-Butylbenzene	<0.44	ug/L	0.44	1.4	S-8260	07/08/1997	1009
sec-Butylbenzene	<0.45	ug/L	0.45	1.4	S-8260	07/08/1997	1009
tert-Butylbenzene	<0.38	ug/L	0.38	1.2	S-8260	07/08/1997	1009
Carbon Tetrachloride	<0.40	ug/L	0.40	1.3	S-8260	07/08/1997	1009
Chlorobenzene	<0.22	ug/L	0.22	0.69	S-8260	07/08/1997	1009
Chlorodibromomethane	<0.10	ug/L	0.10	0.33	S-8260	07/08/1997	1009
Chloroethane	<1.2	ug/L	1.2	3.9	S-8260	07/08/1997	1009
Chloroform	<0.18	ug/L	0.18	0.58	S-8260	07/08/1997	1009
Chloromethane	<0.38	ug/L	0.38	1.2	S-8260	07/08/1997	1009
2-Chlorotoluene	<0.28	ug/L	0.28	0.90	S-8260	07/08/1997	1009
4-Chlorotoluene	<0.47	ug/L	0.47	1.5	S-8260	07/08/1997	1009
1,2-Dibromo-3-Chloropropane	<1.4	ug/L	1.4	4.5	S-8260	07/08/1997	1009
1,2-Dibromoethane (EDB)	<0.16	ug/L	0.16	0.51	S-8260	07/08/1997	1009
Dibromomethane	<0.11	ug/L	0.11	0.36	S-8260	07/08/1997	1009
1,2-Dichlorobenzene	<0.20	ug/L	0.20	0.64	S-8260	07/08/1997	1009
1,3-Dichlorobenzene	<0.22	ug/L	0.22	0.71	S-8260	07/08/1997	1009
1,4-Dichlorobenzene	<0.35	ug/L	0.35	1.1	S-8260	07/08/1997	1009
Dichlorodifluoromethane	<0.49	ug/L	0.49	1.6	S-8260	07/08/1997	1009
1,1-Dichloroethane	<0.25	ug/L	0.25	0.79	S-8260	07/08/1997	1009
1,2-Dichloroethane	<0.20	ug/L	0.20	0.63	S-8260	07/08/1997	1009
1,1-Dichloroethene	<0.73	ug/L	0.73	2.3	S-8260	07/08/1997	1009
cis-1,2-Dichloroethene	<0.23	ug/L	0.23	0.74	S-8260	07/08/1997	1009
trans-1,2-Dichloroethene	<0.39	ug/L	0.39	1.2	S-8260	07/08/1997	1009
1,2-Dichloropropane	<0.29	ug/L	0.29	0.93	S-8260	07/08/1997	1009
1,3-Dichloropropane	<0.15	ug/L	0.15	0.46	S-8260	07/08/1997	1009
2,2-Dichloropropane	<0.37	ug/L	0.37	1.2	S-8260	07/08/1997	1009
1,1-Dichloropropene	<0.63	ug/L	0.63	2.0	S-8260	07/08/1997	1009
cis-1,3-Dichloropropene	<0.17	ug/L	0.17	0.56	S-8260	07/08/1997	1009
trans-1,3-Dichloropropene	<0.13	ug/L	0.13	0.42	S-8260	07/08/1997	1009
Di-isopropyl ether	<0.13	ug/L	0.13	0.41	S-8260	07/08/1997	1009



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WDNR No. 128053530

**ANALYTICAL REPORT**

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

07/11/1997  
Job No: 97.06142  
Sample No: 255891  
Account No: 52450  
Page 16

JOB DESCRIPTION: #1135 WDNR Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-103 #1135  
Recv'd 4.0 C

Date Taken: 06/25/1997

Date Received: 07/01/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
Ethylbenzene	<0.38	ug/L	0.38	1.2	S-8260	07/08/1997	1009
Hexachlorobutadiene	<0.37	ug/L	0.37	1.2	S-8260	07/08/1997	1009
Isopropylbenzene	<0.36	ug/L	0.36	1.1	S-8260	07/08/1997	1009
p-Isopropyltoluene	<0.35	ug/L	0.35	1.1	S-8260	07/08/1997	1009
Methylene Chloride	<0.87	ug/L	0.87	3.1	S-8260	07/08/1997	1009
Methyl-t-butyl ether	<0.14	ug/L	0.14	0.45	S-8260	07/08/1997	1009
Naphthalene	<0.35	ug/L	0.35	1.1	S-8260	07/08/1997	1009
n-Propylbenzene	<0.46	ug/L	0.46	1.5	S-8260	07/08/1997	1009
Styrene	<0.16	ug/L	0.16	0.51	S-8260	07/08/1997	1009
1,1,1,2-Tetrachloroethane	<0.11	ug/L	0.11	0.34	S-8260	07/08/1997	1009
1,1,2,2-Tetrachloroethane	<0.39	ug/L	0.39	1.3	S-8260	07/08/1997	1009
Tetrachloroethene	<0.63	ug/L	0.63	2.0	S-8260	07/08/1997	1009
Toluene	<0.39	ug/L	0.39	1.3	S-8260	07/08/1997	1009
1,2,3-Trichlorobenzene	<0.32	ug/L	0.32	1.0	S-8260	07/08/1997	1009
1,2,4-Trichlorobenzene	<0.18	ug/L	0.18	0.57	S-8260	07/08/1997	1009
1,1,1-Trichloroethane	<0.28	ug/L	0.28	0.88	S-8260	07/08/1997	1009
1,1,2-Trichloroethane	<0.15	ug/L	0.15	0.46	S-8260	07/08/1997	1009
Trichloroethene	<0.49	ug/L	0.49	1.6	S-8260	07/08/1997	1009
Trichlorofluoromethane	<0.58	ug/L	0.58	1.8	S-8260	07/08/1997	1009
1,2,3-Trichloropropane	<0.28	ug/L	0.28	0.90	S-8260	07/08/1997	1009
1,2,4-Trimethylbenzene	<0.32	ug/L	0.32	1.0	S-8260	07/08/1997	1009
1,3,5-Trimethylbenzene	<0.33	ug/L	0.33	1.0	S-8260	07/08/1997	1009
Vinyl Chloride	<0.46	ug/L	0.46	1.5	S-8260	07/08/1997	1009
Xylenes, Total	<1.1	ug/L	1.1	3.6	S-8260	07/08/1997	1009
Surr: Dibromofluoromethane	111.4	%	n/a	n/a	S-8260	07/08/1997	1009
Surr: Toluene-d8	96.8	%	n/a	n/a	S-8260	07/08/1997	1009
Surr: Bromofluorobenzene	93.6	%	n/a	n/a	S-8260	07/08/1997	1009



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WDNR No. 128053530

ANALYTICAL REPORT

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

07/11/1997  
Job No: 97.06142  
Sample No: 255892  
Account No: 52450  
Page 17

JOB DESCRIPTION: #1135 WDNR Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-104 #1135  
Recv'd 4.0 C

Date Taken: 06/25/1997

Date Received: 07/01/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
VOC - AQUEOUS - EPA 8260							
Benzene	<0.31	ug/L	0.31	0.98	S-8260	07/08/1997	1009
Bromobenzene	<0.20	ug/L	0.20	0.64	S-8260	07/08/1997	1009
Bromochloromethane	<0.32	ug/L	0.32	1.0	S-8260	07/08/1997	1009
Bromodichloromethane	<0.20	ug/L	0.20	0.63	S-8260	07/08/1997	1009
Bromoform	<0.14	ug/L	0.14	0.45	S-8260	07/08/1997	1009
Bromomethane	<0.46	ug/L	0.46	1.5	S-8260	07/08/1997	1009
n-Butylbenzene	<0.44	ug/L	0.44	1.4	S-8260	07/08/1997	1009
sec-Butylbenzene	<0.45	ug/L	0.45	1.4	S-8260	07/08/1997	1009
tert-Butylbenzene	<0.38	ug/L	0.38	1.2	S-8260	07/08/1997	1009
Carbon Tetrachloride	<0.40	ug/L	0.40	1.3	S-8260	07/08/1997	1009
Chlorobenzene	<0.22	ug/L	0.22	0.69	S-8260	07/08/1997	1009
Chlorodibromomethane	<0.10	ug/L	0.10	0.33	S-8260	07/08/1997	1009
Chloroethane	<1.2	ug/L	1.2	3.9	S-8260	07/08/1997	1009
Chloroform	<0.18	ug/L	0.18	0.58	S-8260	07/08/1997	1009
Chloromethane	<0.38	ug/L	0.38	1.2	S-8260	07/08/1997	1009
2-Chlorotoluene	<0.28	ug/L	0.28	0.90	S-8260	07/08/1997	1009
4-Chlorotoluene	<0.47	ug/L	0.47	1.5	S-8260	07/08/1997	1009
1,2-Dibromo-3-Chloropropane	<1.4	ug/L	1.4	4.5	S-8260	07/08/1997	1009
1,2-Dibromoethane (EDB)	<0.16	ug/L	0.16	0.51	S-8260	07/08/1997	1009
Dibromomethane	<0.11	ug/L	0.11	0.36	S-8260	07/08/1997	1009
1,2-Dichlorobenzene	<0.20	ug/L	0.20	0.64	S-8260	07/08/1997	1009
1,3-Dichlorobenzene	<0.22	ug/L	0.22	0.71	S-8260	07/08/1997	1009
1,4-Dichlorobenzene	<0.35	ug/L	0.35	1.1	S-8260	07/08/1997	1009
Dichlorodifluoromethane	<0.49	ug/L	0.49	1.6	S-8260	07/08/1997	1009
1,1-Dichloroethane	<0.25	ug/L	0.25	0.79	S-8260	07/08/1997	1009
1,2-Dichloroethane	<0.20	ug/L	0.20	0.63	S-8260	07/08/1997	1009
1,1-Dichloroethene	<0.73	ug/L	0.73	2.3	S-8260	07/08/1997	1009
cis-1,2-Dichloroethene	<0.23	ug/L	0.23	0.74	S-8260	07/08/1997	1009
trans-1,2-Dichloroethene	<0.39	ug/L	0.39	1.2	S-8260	07/08/1997	1009
1,2-Dichloropropane	<0.29	ug/L	0.29	0.93	S-8260	07/08/1997	1009
1,3-Dichloropropane	<0.15	ug/L	0.15	0.46	S-8260	07/08/1997	1009
2,2-Dichloropropane	<0.37	ug/L	0.37	1.2	S-8260	07/08/1997	1009
1,1-Dichloropropene	<0.63	ug/L	0.63	2.0	S-8260	07/08/1997	1009
cis-1,3-Dichloropropene	<0.17	ug/L	0.17	0.56	S-8260	07/08/1997	1009
trans-1,3-Dichloropropene	<0.13	ug/L	0.13	0.42	S-8260	07/08/1997	1009
Di-isopropyl ether	<0.13	ug/L	0.13	0.41	S-8260	07/08/1997	1009



NATIONAL  
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WDNR No. 128053530

ANALYTICAL REPORT

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

07/11/1997  
Job No: 97.06142  
Sample No: 255892  
Account No: 52450  
Page 18

JOB DESCRIPTION: #1135 WDNR Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-104 #1135  
Recv'd 4.0 C

Date Taken: 06/25/1997

Date Received: 07/01/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
Ethylbenzene	<0.38	ug/L	0.38	1.2	S-8260	07/08/1997	1009
Hexachlorobutadiene	<0.37	ug/L	0.37	1.2	S-8260	07/08/1997	1009
Isopropylbenzene	<0.36	ug/L	0.36	1.1	S-8260	07/08/1997	1009
p-Isopropyltoluene	<0.35	ug/L	0.35	1.1	S-8260	07/08/1997	1009
Methylene Chloride	<0.87	ug/L	0.87	3.1	S-8260	07/08/1997	1009
Methyl-t-butyl ether	<0.14	ug/L	0.14	0.45	S-8260	07/08/1997	1009
Naphthalene	<0.35	ug/L	0.35	1.1	S-8260	07/08/1997	1009
n-Propylbenzene	<0.46	ug/L	0.46	1.5	S-8260	07/08/1997	1009
Styrene	<0.16	ug/L	0.16	0.51	S-8260	07/08/1997	1009
1,1,1,2-Tetrachloroethane	<0.11	ug/L	0.11	0.34	S-8260	07/08/1997	1009
1,1,2,2-Tetrachloroethane	<0.39	ug/L	0.39	1.3	S-8260	07/08/1997	1009
Tetrachloroethene	<0.63	ug/L	0.63	2.0	S-8260	07/08/1997	1009
Toluene	<0.39	ug/L	0.39	1.3	S-8260	07/08/1997	1009
1,2,3-Trichlorobenzene	<0.32	ug/L	0.32	1.0	S-8260	07/08/1997	1009
1,2,4-Trichlorobenzene	<0.18	ug/L	0.18	0.57	S-8260	07/08/1997	1009
1,1,1-Trichloroethane	<0.28	ug/L	0.28	0.88	S-8260	07/08/1997	1009
1,1,2-Trichloroethane	<0.15	ug/L	0.15	0.46	S-8260	07/08/1997	1009
Trichloroethene	<0.49	ug/L	0.49	1.6	S-8260	07/08/1997	1009
Trichlorofluoromethane	<0.58	ug/L	0.58	1.9	S-8260	07/08/1997	1009
1,2,3-Trichloropropane	<0.28	ug/L	0.28	0.90	S-8260	07/08/1997	1009
1,2,4-Trimethylbenzene	<0.32	ug/L	0.32	1.0	S-8260	07/08/1997	1009
1,3,5-Trimethylbenzene	<0.33	ug/L	0.33	1.0	S-8260	07/08/1997	1009
Vinyl Chloride	<0.46	ug/L	0.46	1.5	S-8260	07/08/1997	1009
Xylenes, Total	<1.1	ug/L	1.1	3.6	S-8260	07/08/1997	1009
Surr: Dibromofluoromethane	109.3	%	n/a	n/a	S-8260	07/08/1997	1009
Surr: Toluene-d8	97.0	%	n/a	n/a	S-8260	07/08/1997	1009
Surr: Bromofluorobenzene	93.4	%	n/a	n/a	S-8260	07/08/1997	1009



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WDNR No. 128053530

**ANALYTICAL REPORT**

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

07/11/1997  
Job No: 97.06142  
Sample No: 255893  
Account No: 52450  
Page 19

JOB DESCRIPTION: #1135 WDNR Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-105 #1135  
Recv'd 4.0 C

Date Taken: 06/25/1997

Date Received: 07/01/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
VOC - AQUEOUS - EPA 8260							
Benzene	<6.2	ug/L	0.31	0.98	S-8260	07/09/1997	1011
Bromobenzene	<4.0	ug/L	0.20	0.64	S-8260	07/09/1997	1011
Bromochloromethane	<6.4	ug/L	0.32	1.0	S-8260	07/09/1997	1011
Bromodichloromethane	<4.0	ug/L	0.20	0.63	S-8260	07/09/1997	1011
Bromoform	<2.8	ug/L	0.14	0.45	S-8260	07/09/1997	1011
Bromomethane	<9.2	ug/L	0.46	1.5	S-8260	07/09/1997	1011
n-Butylbenzene	<8.8	ug/L	0.44	1.4	S-8260	07/09/1997	1011
sec-Butylbenzene	<9.0	ug/L	0.45	1.4	S-8260	07/09/1997	1011
tert-Butylbenzene	<7.6	ug/L	0.38	1.2	S-8260	07/09/1997	1011
Carbon Tetrachloride	<8.0	ug/L	0.40	1.3	S-8260	07/09/1997	1011
Chlorobenzene	<4.4	ug/L	0.22	0.69	S-8260	07/09/1997	1011
Chlorodibromomethane	<2.0	ug/L	0.10	0.33	S-8260	07/09/1997	1011
Chloroethane	<24	ug/L	1.2	3.9	S-8260	07/09/1997	1011
Chloroform	<3.6	ug/L	0.18	0.58	S-8260	07/09/1997	1011
Chloromethane	<7.6	ug/L	0.38	1.2	S-8260	07/09/1997	1011
2-Chlorotoluene	<5.6	ug/L	0.28	0.90	S-8260	07/09/1997	1011
4-Chlorotoluene	<9.4	ug/L	0.47	1.5	S-8260	07/09/1997	1011
1,2-Dibromo-3-Chloropropane	<28	ug/L	1.4	4.5	S-8260	07/09/1997	1011
1,2-Dibromoethane (EDB)	<3.2	ug/L	0.16	0.51	S-8260	07/09/1997	1011
Dibromomethane	<2.2	ug/L	0.11	0.36	S-8260	07/09/1997	1011
1,2-Dichlorobenzene	<4.0	ug/L	0.20	0.64	S-8260	07/09/1997	1011
1,3-Dichlorobenzene	<4.4	ug/L	0.22	0.71	S-8260	07/09/1997	1011
1,4-Dichlorobenzene	<7.0	ug/L	0.35	1.1	S-8260	07/09/1997	1011
Dichlorodifluoromethane	<9.8	ug/L	0.49	1.6	S-8260	07/09/1997	1011
1,1-Dichloroethane	18	ug/L	0.25	0.79	S-8260	07/09/1997	1011
1,2-Dichloroethane	<4.0	ug/L	0.20	0.63	S-8260	07/09/1997	1011
1,1-Dichloroethene	24	ug/L	0.73	2.3	S-8260	07/09/1997	1011
cis-1,2-Dichloroethene	<4.6	ug/L	0.23	0.74	S-8260	07/09/1997	1011
trans-1,2-Dichloroethene	<7.8	ug/L	0.39	1.2	S-8260	07/09/1997	1011
1,2-Dichloropropane	<5.8	ug/L	0.29	0.93	S-8260	07/09/1997	1011
1,3-Dichloropropane	<3.0	ug/L	0.15	0.46	S-8260	07/09/1997	1011
2,2-Dichloropropane	<7.4	ug/L	0.37	1.2	S-8260	07/09/1997	1011
1,1-Dichloropropene	<13	ug/L	0.63	2.0	S-8260	07/09/1997	1011
cis-1,3-Dichloropropene	<3.4	ug/L	0.17	0.56	S-8260	07/09/1997	1011
trans-1,3-Dichloropropene	<2.6	ug/L	0.13	0.42	S-8260	07/09/1997	1011
Di-isopropyl ether	<2.6	ug/L	0.13	0.41	S-8260	07/09/1997	1011



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WDNR No. 128053530

**ANALYTICAL REPORT**

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

07/11/1997  
Job No: 97.06142  
Sample No: 255893  
Account No: 52450  
Page 20

JOB DESCRIPTION: #1135 WDNR Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-105 #1135  
Recv'd 4.0 C

Date Taken: 06/25/1997

Date Received: 07/01/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
Ethylbenzene	<7.6	ug/L	0.38	1.2	S-8260	07/09/1997	1011
Hexachlorobutadiene	<7.4	ug/L	0.37	1.2	S-8260	07/09/1997	1011
Isopropylbenzene	<7.2	ug/L	0.36	1.1	S-8260	07/09/1997	1011
p-Isopropyltoluene	<7.0	ug/L	0.35	1.1	S-8260	07/09/1997	1011
Methylene Chloride	<17	ug/L	0.87	3.1	S-8260	07/09/1997	1011
Methyl-t-butyl ether	<2.9	ug/L	0.14	0.45	S-8260	07/09/1997	1011
Naphthalene	<7.0	ug/L	0.35	1.1	S-8260	07/09/1997	1011
n-Propylbenzene	<9.2	ug/L	0.46	1.5	S-8260	07/09/1997	1011
Styrene	<3.2	ug/L	0.16	0.51	S-8260	07/09/1997	1011
1,1,1,2-Tetrachloroethane	<2.2	ug/L	0.11	0.34	S-8260	07/09/1997	1011
1,1,2,2-Tetrachloroethane	<7.8	ug/L	0.39	1.3	S-8260	07/09/1997	1011
Tetrachloroethene	<13	ug/L	0.63	2.0	S-8260	07/09/1997	1011
Toluene	2,100	ug/L	0.39	1.3	S-8260	07/09/1997	1011
1,2,3-Trichlorobenzene	<6.4	ug/L	0.32	1.0	S-8260	07/09/1997	1011
1,2,4-Trichlorobenzene	<3.6	ug/L	0.18	0.57	S-8260	07/09/1997	1011
1,1,1-Trichloroethane	1,500	ug/L	0.28	0.88	S-8260	07/09/1997	1011
1,1,2-Trichloroethane	<3.0	ug/L	0.15	0.46	S-8260	07/09/1997	1011
Trichloroethene	<9.3	ug/L	0.49	1.6	S-8260	07/09/1997	1011
Trichlorofluoromethane	<12	ug/L	0.58	1.8	S-8260	07/09/1997	1011
1,2,3-Trichloropropane	<5.6	ug/L	0.28	0.90	S-8260	07/09/1997	1011
1,2,4-Trimethylbenzene	<6.4	ug/L	0.32	1.0	S-8260	07/09/1997	1011
1,3,5-Trimethylbenzene	<5.6	ug/L	0.33	1.0	S-8260	07/09/1997	1011
Vinyl Chloride	<9.2	ug/L	0.46	1.5	S-8260	07/09/1997	1011
Xylenes, Total	<22	ug/L	1.1	3.6	S-8260	07/09/1997	1011
Surr: Dibromofluoromethane	103.3	%	n/a	n/a	S-8260	07/09/1997	1011
Surr: Toluene-d8	93.3	%	n/a	n/a	S-8260	07/09/1997	1011
Surr: Bromofluorobenzene	93.0	%	n/a	n/a	S-8260	07/09/1997	1011



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WDNR No. 128053530

ANALYTICAL REPORT

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

07/11/1997  
Job No: 97.06142  
Sample No: 255894  
Account No: 52450  
Page 21

JOB DESCRIPTION: #1135 WDNR Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: PZ-102 #1135  
Recv'd 4.0 C

Date Taken: 06/25/1997

Date Received: 07/01/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
VOC - AQUEOUS - EPA 8260							
Benzene	<0.31	ug/L	0.31	0.98	S-8260	07/09/1997	1011
Bromobenzene	<0.20	ug/L	0.20	0.64	S-8260	07/09/1997	1011
Bromochloromethane	<0.32	ug/L	0.32	1.0	S-8260	07/09/1997	1011
Bromodichloromethane	<0.20	ug/L	0.20	0.63	S-8260	07/09/1997	1011
Bromoform	<0.14	ug/L	0.14	0.45	S-8260	07/09/1997	1011
Bromomethane	<0.46	ug/L	0.46	1.5	S-8260	07/09/1997	1011
n-Butylbenzene	<0.44	ug/L	0.44	1.4	S-8260	07/09/1997	1011
sec-Butylbenzene	<0.45	ug/L	0.45	1.4	S-8260	07/09/1997	1011
tert-Butylbenzene	<0.38	ug/L	0.38	1.2	S-8260	07/09/1997	1011
Carbon Tetrachloride	<0.40	ug/L	0.40	1.3	S-8260	07/09/1997	1011
Chlorobenzene	<0.22	ug/L	0.22	0.69	S-8260	07/09/1997	1011
Chlorodibromomethane	<0.10	ug/L	0.10	0.33	S-8260	07/09/1997	1011
Chloroethane	<1.2	ug/L	1.2	3.9	S-8260	07/09/1997	1011
Chloroform	<0.18	ug/L	0.18	0.58	S-8260	07/09/1997	1011
Chloromethane	<0.38	ug/L	0.38	1.2	S-8260	07/09/1997	1011
2-Chlorotoluene	<0.28	ug/L	0.28	0.90	S-8260	07/09/1997	1011
4-Chlorotoluene	<0.47	ug/L	0.47	1.5	S-8260	07/09/1997	1011
1,2-Dibromo-3-Chloropropane	<1.4	ug/L	1.4	4.5	S-8260	07/09/1997	1011
1,2-Dibromoethane (EDB)	<0.15	ug/L	0.16	0.51	S-8260	07/09/1997	1011
Dibromomethane	<0.11	ug/L	0.11	0.36	S-8260	07/09/1997	1011
1,2-Dichlorobenzene	<0.20	ug/L	0.20	0.64	S-8260	07/09/1997	1011
1,3-Dichlorobenzene	<0.22	ug/L	0.22	0.71	S-8260	07/09/1997	1011
1,4-Dichlorobenzene	<0.35	ug/L	0.35	1.1	S-8260	07/09/1997	1011
Dichlorodifluoromethane	<0.49	ug/L	0.49	1.6	S-8260	07/09/1997	1011
1,1-Dichloroethane	<0.25	ug/L	0.25	0.79	S-8260	07/09/1997	1011
1,2-Dichloroethane	<0.20	ug/L	0.20	0.63	S-8260	07/09/1997	1011
1,1-Dichloroethene	<0.73	ug/L	0.73	2.3	S-8260	07/09/1997	1011
cis-1,2-Dichloroethene	<0.23	ug/L	0.23	0.74	S-8260	07/09/1997	1011
trans-1,2-Dichloroethene	<0.39	ug/L	0.39	1.2	S-8260	07/09/1997	1011
1,2-Dichloropropane	<0.29	ug/L	0.29	0.93	S-8260	07/09/1997	1011
1,3-Dichloropropane	<0.15	ug/L	0.15	0.46	S-8260	07/09/1997	1011
2,2-Dichloropropane	<0.37	ug/L	0.37	1.2	S-8260	07/09/1997	1011
1,1-Dichloropropene	<0.63	ug/L	0.63	2.0	S-8260	07/09/1997	1011
cis-1,3-Dichloropropene	<0.17	ug/L	0.17	0.56	S-8260	07/09/1997	1011
trans-1,3-Dichloropropene	<0.13	ug/L	0.13	0.42	S-8260	07/09/1997	1011
Di-isopropyl ether	<0.13	ug/L	0.13	0.41	S-8260	07/09/1997	1011





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WDNR No. 128053530

**ANALYTICAL REPORT**

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

07/11/1997  
Job No: 97.06142  
Sample No: 255894  
Account No: 52450  
Page 22

JOB DESCRIPTION: #1135 WDNR Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: PZ-102 #1135  
Recv'd 4.0 C

Date Taken: 06/25/1997

Date Received: 07/01/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
Ethylbenzene	<0.38	ug/L	0.38	1.2	S-8260	07/09/1997	1011
Hexachlorobutadiene	<0.37	ug/L	0.37	1.2	S-8260	07/09/1997	1011
Isopropylbenzene	<0.36	ug/L	0.36	1.1	S-8260	07/09/1997	1011
p-Isopropyltoluene	<0.35	ug/L	0.35	1.1	S-8260	07/09/1997	1011
Methylene Chloride	<0.97	ug/L	0.97	3.1	S-8260	07/09/1997	1011
Methyl-t-butyl ether	<0.14	ug/L	0.14	0.45	S-8260	07/09/1997	1011
Naphthalene	<0.35	ug/L	0.35	1.1	S-8260	07/09/1997	1011
n-Propylbenzene	<0.46	ug/L	0.46	1.5	S-8260	07/09/1997	1011
Styrene	<0.16	ug/L	0.16	0.51	S-8260	07/09/1997	1011
1,1,1,2-Tetrachloroethane	<0.11	ug/L	0.11	0.34	S-8260	07/09/1997	1011
1,1,2,2-Tetrachloroethane	<0.39	ug/L	0.39	1.3	S-8260	07/09/1997	1011
Tetrachloroethene	<0.63	ug/L	0.63	2.0	S-8260	07/09/1997	1011
Toluene	<0.39	ug/L	0.39	1.3	S-8260	07/09/1997	1011
1,2,3-Trichlorobenzene	<0.32	ug/L	0.32	1.0	S-8260	07/09/1997	1011
1,2,4-Trichlorobenzene	<0.18	ug/L	0.18	0.57	S-8260	07/09/1997	1011
1,1,1-Trichloroethane	0.31	ug/L	0.28	0.88	S-8260	07/09/1997	1011
1,1,2-Trichloroethane	<0.15	ug/L	0.15	0.46	S-8260	07/09/1997	1011
Trichloroethene	<0.49	ug/L	0.49	1.6	S-8260	07/09/1997	1011
Trichlorofluoromethane	<0.53	ug/L	0.58	1.8	S-8260	07/09/1997	1011
1,2,3-Trichloropropane	<0.29	ug/L	0.28	0.90	S-8260	07/09/1997	1011
1,2,4-Trimethylbenzene	<0.32	ug/L	0.32	1.0	S-8260	07/09/1997	1011
1,3,5-Trimethylbenzene	<0.33	ug/L	0.33	1.0	S-8260	07/09/1997	1011
Vinyl Chloride	<0.46	ug/L	0.46	1.5	S-8260	07/09/1997	1011
Xylenes, Total	<1.1	ug/L	1.1	3.6	S-8260	07/09/1997	1011
Surr: Dibromofluoromethane	101.4	%	n/a	n/a	S-8260	07/09/1997	1011
Surr: Toluene-d8	94.8	%	n/a	n/a	S-8260	07/09/1997	1011
Surr: Bromofluorobenzene	94.4	%	n/a	n/a	S-8260	07/09/1997	1011



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WDNR No. 128053530

ANALYTICAL REPORT

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

07/11/1997  
Job No: 97.06142  
Sample No: 255895  
Account No: 52450  
Page 23

JOB DESCRIPTION: #1135 WDNR Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-106 #1135  
Recv'd 4.0 C

Date Taken: 06/25/1997

Date Received: 07/01/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
VOC - AQUEOUS - EPA 8260							
Benzene	<0.31	ug/L	0.31	0.98	S-8260	07/08/1997	1009
Bromobenzene	<0.20	ug/L	0.20	0.64	S-8260	07/08/1997	1009
Bromochloromethane	<0.32	ug/L	0.32	1.0	S-8260	07/08/1997	1009
Bromodichloromethane	<0.20	ug/L	0.20	0.63	S-8260	07/08/1997	1009
Bromoform	<0.14	ug/L	0.14	0.45	S-8260	07/08/1997	1009
Bromomethane	<0.46	ug/L	0.46	1.5	S-8260	07/08/1997	1009
n-Butylbenzene	<0.44	ug/L	0.44	1.4	S-8260	07/08/1997	1009
sec-Butylbenzene	<0.45	ug/L	0.45	1.4	S-8260	07/08/1997	1009
tert-Butylbenzene	<0.38	ug/L	0.38	1.2	S-8260	07/08/1997	1009
Carbon Tetrachloride	<0.40	ug/L	0.40	1.3	S-8260	07/08/1997	1009
Chlorobenzene	<0.22	ug/L	0.22	0.69	S-8260	07/08/1997	1009
Chlorodibromomethane	<0.10	ug/L	0.10	0.33	S-8260	07/08/1997	1009
Chloroethane	<1.2	ug/L	1.2	3.9	S-8260	07/08/1997	1009
Chloroform	<0.18	ug/L	0.18	0.58	S-8260	07/08/1997	1009
Chloromethane	<0.38	ug/L	0.38	1.2	S-8260	07/08/1997	1009
2-Chlorotoluene	<0.28	ug/L	0.28	0.90	S-8260	07/08/1997	1009
4-Chlorotoluene	<0.47	ug/L	0.47	1.5	S-8260	07/08/1997	1009
1,2-Dibromo-3-Chloropropane	<1.4	ug/L	1.4	4.5	S-8260	07/08/1997	1009
1,2-Dibromoethane (EDB)	<0.16	ug/L	0.16	0.51	S-8260	07/08/1997	1009
Dibromomethane	<0.11	ug/L	0.11	0.36	S-8260	07/08/1997	1009
1,2-Dichlorobenzene	<0.20	ug/L	0.20	0.64	S-8260	07/08/1997	1009
1,3-Dichlorobenzene	<0.22	ug/L	0.22	0.71	S-8260	07/08/1997	1009
1,4-Dichlorobenzene	<0.35	ug/L	0.35	1.1	S-8260	07/08/1997	1009
Dichlorodifluoromethane	<0.49	ug/L	0.49	1.6	S-8260	07/08/1997	1009
1,1-Dichloroethane	<0.25	ug/L	0.25	0.79	S-8260	07/08/1997	1009
1,2-Dichloroethane	<0.20	ug/L	0.20	0.63	S-8260	07/08/1997	1009
1,1-Dichloroethene	<0.73	ug/L	0.73	2.3	S-8260	07/08/1997	1009
cis-1,2-Dichloroethene	<0.23	ug/L	0.23	0.74	S-8260	07/08/1997	1009
trans-1,2-Dichloroethene	<0.39	ug/L	0.39	1.2	S-8260	07/08/1997	1009
1,2-Dichloropropane	<0.29	ug/L	0.29	0.93	S-8260	07/08/1997	1009
1,3-Dichloropropane	<0.15	ug/L	0.15	0.46	S-8260	07/08/1997	1009
2,2-Dichloropropane	<0.37	ug/L	0.37	1.2	S-8260	07/08/1997	1009
1,1-Dichloropropene	<0.63	ug/L	0.63	2.0	S-8260	07/08/1997	1009
cis-1,3-Dichloropropene	<0.17	ug/L	0.17	0.56	S-8260	07/08/1997	1009
trans-1,3-Dichloropropene	<0.13	ug/L	0.13	0.42	S-8260	07/08/1997	1009
Di-isopropyl ether	<0.13	ug/L	0.13	0.41	S-8260	07/08/1997	1009



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WDNR No. 128053530

ANALYTICAL REPORT

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

07/11/1997  
Job No: 97.06142  
Sample No: 255895  
Account No: 52450  
Page 24

JOB DESCRIPTION: #1135 WDNR Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-106 #1135  
Recv'd 4.0 C

Date Taken: 06/25/1997

Date Received: 07/01/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
Ethylbenzene	<0.38	ug/L	0.38	1.2	S-8260	07/08/1997	1009
Hexachlorobutadiene	<0.37	ug/L	0.37	1.2	S-8260	07/08/1997	1009
Isopropylbenzene	<0.36	ug/L	0.36	1.1	S-8260	07/08/1997	1009
p-Isopropyltoluene	<0.35	ug/L	0.35	1.1	S-8260	07/08/1997	1009
Methylene Chloride	<0.87	ug/L	0.87	3.1	S-8260	07/08/1997	1009
Methyl-t-butyl ether	<0.14	ug/L	0.14	0.45	S-8260	07/08/1997	1009
Naphthalene	<0.35	ug/L	0.35	1.1	S-8260	07/08/1997	1009
n-Propylbenzene	<0.46	ug/L	0.46	1.5	S-8260	07/08/1997	1009
Styrene	<0.16	ug/L	0.16	0.51	S-8260	07/08/1997	1009
1,1,1,2-Tetrachloroethane	<0.11	ug/L	0.11	0.34	S-8260	07/08/1997	1009
1,1,2,2-Tetrachloroethane	<0.39	ug/L	0.39	1.3	S-8260	07/08/1997	1009
Tetrachloroethene	<0.63	ug/L	0.63	2.0	S-8260	07/08/1997	1009
Toluene	<0.39	ug/L	0.39	1.3	S-8260	07/08/1997	1009
1,2,3-Trichlorobenzene	<0.32	ug/L	0.32	1.0	S-8260	07/08/1997	1009
1,2,4-Trichlorobenzene	<0.13	ug/L	0.18	0.57	S-8260	07/08/1997	1009
1,1,1-Trichloroethane	<0.28	ug/L	0.28	0.88	S-8260	07/08/1997	1009
1,1,2-Trichloroethane	<0.15	ug/L	0.15	0.46	S-8260	07/08/1997	1009
Trichloroethene	<0.49	ug/L	0.49	1.6	S-8260	07/08/1997	1009
Trichlorofluoromethane	<0.53	ug/L	0.53	1.8	S-8260	07/08/1997	1009
1,2,3-Trichloropropane	<0.23	ug/L	0.28	0.90	S-8260	07/08/1997	1009
1,2,4-Trimethylbenzene	<0.32	ug/L	0.32	1.0	S-8260	07/08/1997	1009
1,3,5-Trimethylbenzene	<0.33	ug/L	0.33	1.0	S-8260	07/08/1997	1009
Vinyl Chloride	<0.46	ug/L	0.46	1.5	S-8260	07/08/1997	1009
Xylenes, Total	<1.1	ug/L	1.1	3.6	S-8260	07/08/1997	1009
Surr: Dibromofluoromethane	109.4	%	n/a	n/a	S-8260	07/08/1997	1009
Surr: Toluene-d8	98.0	%	n/a	n/a	S-8260	07/08/1997	1009
Surr: Bromofluorobenzene	94.3	%	n/a	n/a	S-8260	07/08/1997	1009



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## ANALYTICAL REPORT

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

07/11/1997  
Job No: 97.06142  
Sample No: 255896  
Account No: 52450  
Page 25

JOB DESCRIPTION: #1135 WDNR Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: PZ-103 #1135  
Recv'd 4.0 C

Date Taken: 06/25/1997

Date Received: 07/01/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
VOC - AQUEOUS - EPA 8260							
Benzene	<0.31	ug/L	0.31	0.98	S-8260	07/08/1997	1009
Bromobenzene	<0.20	ug/L	0.20	0.64	S-8260	07/08/1997	1009
Bromochloromethane	<0.32	ug/L	0.32	1.0	S-8260	07/08/1997	1009
Bromodichloromethane	<0.20	ug/L	0.20	0.63	S-8260	07/08/1997	1009
Bromoform	<0.14	ug/L	0.14	0.45	S-8260	07/08/1997	1009
Bromomethane	<0.46	ug/L	0.46	1.5	S-8260	07/08/1997	1009
n-Butylbenzene	<0.44	ug/L	0.44	1.4	S-8260	07/08/1997	1009
sec-Butylbenzene	<0.45	ug/L	0.45	1.4	S-8260	07/08/1997	1009
tert-Butylbenzene	<0.38	ug/L	0.38	1.2	S-8260	07/08/1997	1009
Carbon Tetrachloride	<0.40	ug/L	0.40	1.3	S-8260	07/08/1997	1009
Chlorobenzene	<0.22	ug/L	0.22	0.69	S-8260	07/08/1997	1009
Chlorodibromomethane	<0.10	ug/L	0.10	0.33	S-8260	07/08/1997	1009
Chloroethane	<1.2	ug/L	1.2	3.9	S-8260	07/08/1997	1009
Chloroform	<0.13	ug/L	0.13	0.58	S-8260	07/08/1997	1009
Chloromethane	<0.38	ug/L	0.38	1.2	S-8260	07/08/1997	1009
2-Chlorotoluene	<0.23	ug/L	0.23	0.90	S-8260	07/08/1997	1009
4-Chlorotoluene	<0.47	ug/L	0.47	1.5	S-8260	07/08/1997	1009
1,2-Dibromo-3-Chloropropane	<1.4	ug/L	1.4	4.5	S-8260	07/08/1997	1009
1,2-Dibromoethane (EDB)	<0.16	ug/L	0.16	0.51	S-8260	07/08/1997	1009
Dibromomethane	<0.11	ug/L	0.11	0.36	S-8260	07/08/1997	1009
1,2-Dichlorobenzene	<0.20	ug/L	0.20	0.64	S-8260	07/08/1997	1009
1,3-Dichlorobenzene	<0.22	ug/L	0.22	0.71	S-8260	07/08/1997	1009
1,4-Dichlorobenzene	<0.35	ug/L	0.35	1.1	S-8260	07/08/1997	1009
Dichlorodifluoromethane	<0.49	ug/L	0.49	1.6	S-8260	07/08/1997	1009
1,1-Dichloroethane	<0.25	ug/L	0.25	0.79	S-8260	07/08/1997	1009
1,2-Dichloroethane	<0.20	ug/L	0.20	0.63	S-8260	07/08/1997	1009
1,1-Dichloroethene	<0.73	ug/L	0.73	2.3	S-8260	07/08/1997	1009
cis-1,2-Dichloroethene	<0.23	ug/L	0.23	0.74	S-8260	07/08/1997	1009
trans-1,2-Dichloroethene	<0.39	ug/L	0.39	1.2	S-8260	07/08/1997	1009
1,2-Dichloropropane	<0.29	ug/L	0.29	0.93	S-8260	07/08/1997	1009
1,3-Dichloropropane	<0.15	ug/L	0.15	0.46	S-8260	07/08/1997	1009
2,2-Dichloropropane	<0.37	ug/L	0.37	1.2	S-8260	07/08/1997	1009
1,1-Dichloropropene	<0.63	ug/L	0.63	2.0	S-8260	07/08/1997	1009
cis-1,3-Dichloropropene	<0.17	ug/L	0.17	0.56	S-8260	07/08/1997	1009
trans-1,3-Dichloropropene	<0.13	ug/L	0.13	0.42	S-8260	07/08/1997	1009
Di-isopropyl ether	<0.13	ug/L	0.13	0.41	S-8260	07/08/1997	1009



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WDNR No. 128053530

## ANALYTICAL REPORT

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

07/11/1997  
Job No: 97.06142  
Sample No: 255896  
Account No: 52450  
Page 26

JOB DESCRIPTION: #1135 WDNR Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: PZ-103 #1135  
Recv'd 4.0 C

Date Taken: 06/25/1997

Date Received: 07/01/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
Ethylbenzene	<0.38	ug/L	0.38	1.2	S-8260	07/08/1997	1009
Hexachlorobutadiene	<0.37	ug/L	0.37	1.2	S-8260	07/08/1997	1009
Isopropylbenzene	<0.36	ug/L	0.36	1.1	S-8260	07/08/1997	1009
p-Isopropyltoluene	<0.35	ug/L	0.35	1.1	S-8260	07/08/1997	1009
Methylene Chloride	<0.87	ug/L	0.87	3.1	S-8260	07/08/1997	1009
Methyl-t-butyl ether	<0.14	ug/L	0.14	0.45	S-8260	07/08/1997	1009
Naphthalene	<0.35	ug/L	0.35	1.1	S-8260	07/08/1997	1009
n-Propylbenzene	<0.46	ug/L	0.46	1.5	S-8260	07/08/1997	1009
Styrene	<0.16	ug/L	0.16	0.51	S-8260	07/08/1997	1009
1,1,1,2-Tetrachloroethane	<0.11	ug/L	0.11	0.34	S-8260	07/08/1997	1009
1,1,2,2-Tetrachloroethane	<0.39	ug/L	0.39	1.3	S-8260	07/08/1997	1009
Tetrachloroethene	<0.63	ug/L	0.63	2.0	S-8260	07/08/1997	1009
Toluene	<0.39	ug/L	0.39	1.3	S-8260	07/08/1997	1009
1,2,3-Trichlorobenzene	<0.32	ug/L	0.32	1.0	S-8260	07/08/1997	1009
1,2,4-Trichlorobenzene	<0.18	ug/L	0.18	0.57	S-8260	07/08/1997	1009
1,1,1-Trichloroethane	<0.28	ug/L	0.28	0.88	S-8260	07/08/1997	1009
1,1,2-Trichloroethane	<0.15	ug/L	0.15	0.46	S-8260	07/08/1997	1009
Trichloroethene	<0.49	ug/L	0.49	1.6	S-8260	07/08/1997	1009
Trichlorofluoromethane	<0.58	ug/L	0.58	1.8	S-8260	07/08/1997	1009
1,2,3-Trichloropropane	<0.28	ug/L	0.28	0.90	S-8260	07/08/1997	1009
1,2,4-Trimethylbenzene	<0.32	ug/L	0.32	1.0	S-8260	07/08/1997	1009
1,3,5-Trimethylbenzene	<0.33	ug/L	0.33	1.0	S-8260	07/08/1997	1009
Vinyl Chloride	<0.46	ug/L	0.46	1.5	S-8260	07/08/1997	1009
Xylenes, Total	<1.1	ug/L	1.1	3.6	S-8260	07/08/1997	1009
Surr: Dibromofluoromethane	111.3	%	n/a	n/a	S-8260	07/08/1997	1009
Surr: Toluene-d8	98.0	%	n/a	n/a	S-8260	07/08/1997	1009
Surr: Bromofluorobenzene	93.8	%	n/a	n/a	S-8260	07/08/1997	1009



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WDNR No. 129053530

ANALYTICAL REPORT

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

07/11/1997  
Job No: 97.06142  
Sample No: 255897  
Account No: 52450  
Page 27

JOB DESCRIPTION: #1135 WDNR Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-107 #1135  
Recv'd 4.0 C

Date Taken: 06/26/1997

Date Received: 07/01/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
VOC - AQUEOUS - EPA 8260							
Benzene	<0.31	ug/L	0.31	0.98	S-8260	07/09/1997	1011
Bromobenzene	<0.20	ug/L	0.20	0.64	S-8260	07/09/1997	1011
Bromochloromethane	<0.32	ug/L	0.32	1.0	S-8260	07/09/1997	1011
Bromodichloromethane	<0.20	ug/L	0.20	0.63	S-8260	07/09/1997	1011
Bromoform	<0.14	ug/L	0.14	0.45	S-8260	07/09/1997	1011
Bromomethane	<0.46	ug/L	0.46	1.5	S-8260	07/09/1997	1011
n-Butylbenzene	<0.44	ug/L	0.44	1.4	S-8260	07/09/1997	1011
sec-Butylbenzene	<0.45	ug/L	0.45	1.4	S-8260	07/09/1997	1011
tert-Butylbenzene	<0.38	ug/L	0.38	1.2	S-8260	07/09/1997	1011
Carbon Tetrachloride	<0.40	ug/L	0.40	1.3	S-8260	07/09/1997	1011
Chlorobenzene	<0.22	ug/L	0.22	0.69	S-8260	07/09/1997	1011
Chlorodibromomethane	<0.10	ug/L	0.10	0.33	S-8260	07/09/1997	1011
Chloroethane	<1.2	ug/L	1.2	3.9	S-8260	07/09/1997	1011
Chloroform	<0.13	ug/L	0.18	0.58	S-8260	07/09/1997	1011
Chloromethane	<0.38	ug/L	0.38	1.2	S-8260	07/09/1997	1011
2-Chlorotoluene	<0.28	ug/L	0.28	0.90	S-8260	07/09/1997	1011
4-Chlorotoluene	<0.47	ug/L	0.47	1.5	S-8260	07/09/1997	1011
1,2-Dibromo-3-Chloropropane	<1.4	ug/L	1.4	4.5	S-8260	07/09/1997	1011
1,2-Dibromoethane (EDB)	<0.16	ug/L	0.16	0.51	S-8260	07/09/1997	1011
Dibromomethane	<0.11	ug/L	0.11	0.36	S-8260	07/09/1997	1011
1,2-Dichlorobenzene	<0.20	ug/L	0.20	0.64	S-8260	07/09/1997	1011
1,3-Dichlorobenzene	<0.22	ug/L	0.22	0.71	S-8260	07/09/1997	1011
1,4-Dichlorobenzene	<0.35	ug/L	0.35	1.1	S-8260	07/09/1997	1011
Dichlorodifluoromethane	<0.49	ug/L	0.49	1.6	S-8260	07/09/1997	1011
1,1-Dichloroethane	<0.25	ug/L	0.25	0.79	S-8260	07/09/1997	1011
1,2-Dichloroethane	<0.20	ug/L	0.20	0.63	S-8260	07/09/1997	1011
1,1-Dichloroethene	<0.73	ug/L	0.73	2.3	S-8260	07/09/1997	1011
cis-1,2-Dichloroethene	<0.23	ug/L	0.23	0.74	S-8260	07/09/1997	1011
trans-1,2-Dichloroethene	<0.39	ug/L	0.39	1.2	S-8260	07/09/1997	1011
1,2-Dichloropropane	<0.29	ug/L	0.29	0.93	S-8260	07/09/1997	1011
1,3-Dichloropropane	<0.15	ug/L	0.15	0.46	S-8260	07/09/1997	1011
2,2-Dichloropropane	<0.37	ug/L	0.37	1.2	S-8260	07/09/1997	1011
1,1-Dichloropropene	<0.63	ug/L	0.63	2.0	S-8260	07/09/1997	1011
cis-1,3-Dichloropropene	<0.17	ug/L	0.17	0.56	S-8260	07/09/1997	1011
trans-1,3-Dichloropropene	<0.13	ug/L	0.13	0.42	S-8260	07/09/1997	1011
Di-isopropyl ether	<0.13	ug/L	0.13	0.41	S-8260	07/09/1997	1011



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WDNR No. 128053530

ANALYTICAL REPORT

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

07/11/1997  
Job No: 97.06142  
Sample No: 255897  
Account No: 52450  
Page 28

JOB DESCRIPTION: #1135 WDNR Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-107 #1135  
Recv'd 4.0 C

Date Taken: 06/26/1997

Date Received: 07/01/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
Ethylbenzene	<0.38	ug/L	0.38	1.2	S-8260	07/09/1997	1011
Hexachlorobutadiene	<0.37	ug/L	0.37	1.2	S-8260	07/09/1997	1011
Isopropylbenzene	<0.36	ug/L	0.36	1.1	S-8260	07/09/1997	1011
p-Isopropyltoluene	<0.35	ug/L	0.35	1.1	S-8260	07/09/1997	1011
Methylene Chloride	<0.87	ug/L	0.87	3.1	S-8260	07/09/1997	1011
Methyl-t-butyl ether	<0.14	ug/L	0.14	0.45	S-8260	07/09/1997	1011
Naphthalene	<0.35	ug/L	0.35	1.1	S-8260	07/09/1997	1011
n-Propylbenzene	<0.46	ug/L	0.46	1.5	S-8260	07/09/1997	1011
Styrene	<0.16	ug/L	0.16	0.51	S-8260	07/09/1997	1011
1,1,1,2-Tetrachloroethane	<0.11	ug/L	0.11	0.34	S-8260	07/09/1997	1011
1,1,2,2-Tetrachloroethane	<0.39	ug/L	0.39	1.3	S-8260	07/09/1997	1011
Tetrachloroethene	<0.63	ug/L	0.63	2.0	S-8260	07/09/1997	1011
Toluene	<0.39	ug/L	0.39	1.3	S-8260	07/09/1997	1011
1,2,3-Trichlorobenzene	<0.32	ug/L	0.32	1.0	S-8260	07/09/1997	1011
1,2,4-Trichlorobenzene	<0.18	ug/L	0.18	0.57	S-8260	07/09/1997	1011
1,1,1-Trichloroethane	<0.28	ug/L	0.28	0.88	S-8260	07/09/1997	1011
1,1,2-Trichloroethane	<0.15	ug/L	0.15	0.46	S-8260	07/09/1997	1011
Trichloroethene	<0.49	ug/L	0.49	1.6	S-8260	07/09/1997	1011
Trichlorofluoromethane	<0.58	ug/L	0.58	1.8	S-8260	07/09/1997	1011
1,2,3-Trichloropropane	<0.28	ug/L	0.28	0.90	S-8260	07/09/1997	1011
1,2,4-Trimethylbenzene	<0.32	ug/L	0.32	1.0	S-8260	07/09/1997	1011
1,3,5-Trimethylbenzene	<0.33	ug/L	0.33	1.0	S-8260	07/09/1997	1011
Vinyl Chloride	<0.46	ug/L	0.46	1.5	S-8260	07/09/1997	1011
Xylenes, Total	<1.1	ug/L	1.1	3.6	S-8260	07/09/1997	1011
Surr: Dibromofluoromethane	107.3	%	n/a	n/a	S-8260	07/09/1997	1011
Surr: Toluene-d8	94.4	%	n/a	n/a	S-8260	07/09/1997	1011
Surr: Bromofluorobenzene	92.4	%	n/a	n/a	S-8260	07/09/1997	1011



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WDNR No. 128053530

ANALYTICAL REPORT

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

07/11/1997  
Job No: 97.06142  
Sample No: 255898  
Account No: 52450  
Page 29

JOB DESCRIPTION: #1135 WDNR Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-108 #1135  
Recv'd 4.0 C

Date Taken: 06/26/1997

Date Received: 07/01/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
VOC - AQUEOUS - EPA 8260							
Benzene	<0.31	ug/L	0.31	0.98	S-8260	07/09/1997	1011
Bromobenzene	<0.20	ug/L	0.20	0.64	S-8260	07/09/1997	1011
Bromochloromethane	<0.32	ug/L	0.32	1.0	S-8260	07/09/1997	1011
Bromodichloromethane	<0.20	ug/L	0.20	0.63	S-8260	07/09/1997	1011
Bromoform	<0.14	ug/L	0.14	0.45	S-8260	07/09/1997	1011
Bromomethane	<0.46	ug/L	0.46	1.5	S-8260	07/09/1997	1011
n-Butylbenzene	<0.44	ug/L	0.44	1.4	S-8260	07/09/1997	1011
sec-Butylbenzene	<0.45	ug/L	0.45	1.4	S-8260	07/09/1997	1011
tert-Butylbenzene	<0.38	ug/L	0.38	1.2	S-8260	07/09/1997	1011
Carbon Tetrachloride	<0.40	ug/L	0.40	1.3	S-8260	07/09/1997	1011
Chlorobenzene	<0.22	ug/L	0.22	0.69	S-8260	07/09/1997	1011
Chlorodibromomethane	<0.10	ug/L	0.10	0.33	S-8260	07/09/1997	1011
Chloroethane	<1.2	ug/L	1.2	3.9	S-8260	07/09/1997	1011
Chloroform	0.47	ug/L	0.18	0.58	S-8260	07/09/1997	1011
Chloromethane	<0.38	ug/L	0.38	1.2	S-8260	07/09/1997	1011
2-Chlorotoluene	<0.28	ug/L	0.28	0.90	S-8260	07/09/1997	1011
4-Chlorotoluene	<0.47	ug/L	0.47	1.5	S-8260	07/09/1997	1011
1,2-Dibromo-3-Chloropropane	<1.4	ug/L	1.4	4.5	S-8260	07/09/1997	1011
1,2-Dibromoethane (EDB)	<0.16	ug/L	0.16	0.51	S-8260	07/09/1997	1011
Dibromomethane	<0.11	ug/L	0.11	0.36	S-8260	07/09/1997	1011
1,2-Dichlorobenzene	<0.20	ug/L	0.20	0.64	S-8260	07/09/1997	1011
1,3-Dichlorobenzene	<0.22	ug/L	0.22	0.71	S-8260	07/09/1997	1011
1,4-Dichlorobenzene	<0.35	ug/L	0.35	1.1	S-8260	07/09/1997	1011
Dichlorodifluoromethane	<0.49	ug/L	0.49	1.6	S-8260	07/09/1997	1011
1,1-Dichloroethane	4.6	ug/L	0.25	0.79	S-8260	07/09/1997	1011
1,2-Dichloroethane	<0.20	ug/L	0.20	0.63	S-8260	07/09/1997	1011
1,1-Dichloroethene	15	ug/L	0.73	2.3	S-8260	07/09/1997	1011
cis-1,2-Dichloroethene	<0.23	ug/L	0.23	0.74	S-8260	07/09/1997	1011
trans-1,2-Dichloroethene	<0.39	ug/L	0.39	1.2	S-8260	07/09/1997	1011
1,2-Dichloropropane	<0.29	ug/L	0.29	0.93	S-8260	07/09/1997	1011
1,3-Dichloropropane	<0.15	ug/L	0.15	0.46	S-8260	07/09/1997	1011
2,2-Dichloropropane	<0.37	ug/L	0.37	1.2	S-8260	07/09/1997	1011
1,1-Dichloropropene	<0.63	ug/L	0.63	2.0	S-8260	07/09/1997	1011
cis-1,3-Dichloropropene	<0.17	ug/L	0.17	0.56	S-8260	07/09/1997	1011
trans-1,3-Dichloropropene	<0.13	ug/L	0.13	0.42	S-8260	07/09/1997	1011
Di-isopropyl ether	<0.13	ug/L	0.13	0.41	S-8260	07/09/1997	1011





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ANALYTICAL REPORT

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

07/11/1997  
Job No: 97.06142  
Sample No: 255898  
Account No: 52450  
Page 30

JOB DESCRIPTION: #1135 WDNR Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-108 #1135  
Recv'd 4.0 C

Date Taken: 06/26/1997

Date Received: 07/01/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
Ethylbenzene	<0.38	ug/L	0.38	1.2	S-8260	07/09/1997	1011
Hexachlorobutadiene	<0.37	ug/L	0.37	1.2	S-8260	07/09/1997	1011
Isopropylbenzene	<0.36	ug/L	0.36	1.1	S-8260	07/09/1997	1011
p-Isopropyltoluene	<0.35	ug/L	0.35	1.1	S-8260	07/09/1997	1011
Methylene Chloride	<0.87	ug/L	0.87	3.1	S-8260	07/09/1997	1011
Methyl-t-butyl ether	<0.14	ug/L	0.14	0.45	S-8260	07/09/1997	1011
Naphthalene	<0.35	ug/L	0.35	1.1	S-8260	07/09/1997	1011
n-Propylbenzene	<0.46	ug/L	0.46	1.5	S-8260	07/09/1997	1011
Styrene	<0.16	ug/L	0.16	0.51	S-8260	07/09/1997	1011
1,1,1,2-Tetrachloroethane	<0.11	ug/L	0.11	0.34	S-8260	07/09/1997	1011
1,1,2,2-Tetrachloroethane	<0.39	ug/L	0.39	1.3	S-8260	07/09/1997	1011
Tetrachloroethene	<0.63	ug/L	0.63	2.0	S-8260	07/09/1997	1011
Toluene	<0.39	ug/L	0.39	1.3	S-8260	07/09/1997	1011
1,2,3-Trichlorobenzene	<0.32	ug/L	0.32	1.0	S-8260	07/09/1997	1011
1,2,4-Trichlorobenzene	<0.18	ug/L	0.18	0.57	S-8260	07/09/1997	1011
1,1,1-Trichloroethane	430	ug/L	0.28	0.88	S-8260	07/13/1997	1012
1,1,2-Trichloroethane	<0.15	ug/L	0.15	0.46	S-8260	07/09/1997	1011
Trichloroethene	<0.49	ug/L	0.49	1.6	S-8260	07/09/1997	1011
Trichlorofluoromethane	<0.58	ug/L	0.58	1.8	S-8260	07/09/1997	1011
1,2,3-Trichloropropane	<0.29	ug/L	0.28	0.90	S-8260	07/09/1997	1011
1,2,4-Trimethylbenzene	<0.32	ug/L	0.32	1.0	S-8260	07/09/1997	1011
1,3,5-Trimethylbenzene	<0.33	ug/L	0.33	1.0	S-8260	07/09/1997	1011
Vinyl Chloride	<0.46	ug/L	0.46	1.5	S-8260	07/09/1997	1011
Xylenes, Total	<1.1	ug/L	1.1	3.5	S-8260	07/09/1997	1011
Surr: Dibromofluoromethane	110.2	%	n/a	n/a	S-8260	07/09/1997	1011
Surr: Toluene-d8	95.6	%	n/a	n/a	S-8260	07/09/1997	1011
Surr: Bromofluorobenzene	92.6	%	n/a	n/a	S-8260	07/09/1997	1011



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WDNR No. 128053530

**ANALYTICAL REPORT**

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

07/11/1997  
Job No: 97.06142  
Sample No: 255899  
Account No: 52450  
Page 31

JOB DESCRIPTION: #1135 WDNR Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: PZ-104 #1135  
Recv'd 4.0 C

Date Taken: 06/26/1997

Date Received: 07/01/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
VOC - AQUEOUS - EPA 8260							
Benzene	<0.31	ug/L	0.31	0.98	S-8260	07/10/1997	1012
Bromobenzene	<0.20	ug/L	0.20	0.64	S-8260	07/10/1997	1012
Bromochloromethane	<0.32	ug/L	0.32	1.0	S-8260	07/10/1997	1012
Bromodichloromethane	<0.20	ug/L	0.20	0.63	S-8260	07/10/1997	1012
Bromoform	<0.14	ug/L	0.14	0.45	S-8260	07/10/1997	1012
Bromomethane	<0.46	ug/L	0.46	1.5	S-8260	07/10/1997	1012
n-Butylbenzene	<0.44	ug/L	0.44	1.4	S-8260	07/10/1997	1012
sec-Butylbenzene	<0.45	ug/L	0.45	1.4	S-8260	07/10/1997	1012
tert-Butylbenzene	<0.38	ug/L	0.38	1.2	S-8260	07/10/1997	1012
Carbon Tetrachloride	<0.40	ug/L	0.40	1.3	S-8260	07/10/1997	1012
Chlorobenzene	<0.22	ug/L	0.22	0.69	S-8260	07/10/1997	1012
Chlorodibromomethane	<0.10	ug/L	0.10	0.33	S-8260	07/10/1997	1012
Chloroethane	<1.2	ug/L	1.2	3.9	S-8260	07/10/1997	1012
Chloroform	<0.18	ug/L	0.18	0.58	S-8260	07/10/1997	1012
Chloromethane	<0.38	ug/L	0.38	1.2	S-8260	07/10/1997	1012
2-Chlorotoluene	<0.28	ug/L	0.28	0.90	S-8260	07/10/1997	1012
4-Chlorotoluene	<0.47	ug/L	0.47	1.5	S-8260	07/10/1997	1012
1,2-Dibromo-3-Chloropropane	<1.4	ug/L	1.4	4.5	S-8260	07/10/1997	1012
1,2-Dibromoethane (EDB)	<0.16	ug/L	0.16	0.51	S-8260	07/10/1997	1012
Dibromomethane	<0.11	ug/L	0.11	0.36	S-8260	07/10/1997	1012
1,2-Dichlorobenzene	<0.20	ug/L	0.20	0.64	S-8260	07/10/1997	1012
1,3-Dichlorobenzene	<0.22	ug/L	0.22	0.71	S-8260	07/10/1997	1012
1,4-Dichlorobenzene	<0.35	ug/L	0.35	1.1	S-8260	07/10/1997	1012
Dichlorodifluoromethane	<0.49	ug/L	0.49	1.6	S-8260	07/10/1997	1012
1,1-Dichloroethane	<0.25	ug/L	0.25	0.79	S-8260	07/10/1997	1012
1,2-Dichloroethane	<0.20	ug/L	0.20	0.63	S-8260	07/10/1997	1012
1,1-Dichloroethene	<0.73	ug/L	0.73	2.3	S-8260	07/10/1997	1012
cis-1,2-Dichloroethene	<0.23	ug/L	0.23	0.74	S-8260	07/10/1997	1012
trans-1,2-Dichloroethene	<0.39	ug/L	0.39	1.2	S-8260	07/10/1997	1012
1,2-Dichloropropane	<0.29	ug/L	0.29	0.93	S-8260	07/10/1997	1012
1,3-Dichloropropane	<0.15	ug/L	0.15	0.46	S-8260	07/10/1997	1012
2,2-Dichloropropane	<0.37	ug/L	0.37	1.2	S-8260	07/10/1997	1012
1,1-Dichloropropene	<0.63	ug/L	0.63	2.0	S-8260	07/10/1997	1012
cis-1,3-Dichloropropene	<0.17	ug/L	0.17	0.56	S-8260	07/10/1997	1012
trans-1,3-Dichloropropene	<0.13	ug/L	0.13	0.42	S-8260	07/10/1997	1012
Di-isopropyl ether	<0.13	ug/L	0.13	0.41	S-8260	07/10/1997	1012



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WDNR No. 128053530

ANALYTICAL REPORT

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

07/11/1997  
Job No: 97.06142  
Sample No: 255899  
Account No: 52450  
Page 32

JOB DESCRIPTION: #1135 WDNR Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: PZ-104 #1135  
Recv'd 4.0 C

Date Taken: 06/26/1997

Date Received: 07/01/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
Ethylbenzene	<0.38	ug/L	0.38	1.2	S-8260	07/10/1997	1012
Hexachlorobutadiene	<0.37	ug/L	0.37	1.2	S-8260	07/10/1997	1012
Isopropylbenzene	<0.36	ug/L	0.36	1.1	S-8260	07/10/1997	1012
p-Isopropyltoluene	<0.35	ug/L	0.35	1.1	S-8260	07/10/1997	1012
Methylene Chloride	<0.87	ug/L	0.87	3.1	S-8260	07/10/1997	1012
Methyl-t-butyl ether	<0.14	ug/L	0.14	0.45	S-8260	07/10/1997	1012
Naphthalene	<0.35	ug/L	0.35	1.1	S-8260	07/10/1997	1012
n-Propylbenzene	<0.46	ug/L	0.46	1.5	S-8260	07/10/1997	1012
Styrene	<0.16	ug/L	0.16	0.51	S-8260	07/10/1997	1012
1,1,1,2-Tetrachloroethane	<0.11	ug/L	0.11	0.34	S-8260	07/10/1997	1012
1,1,2,2-Tetrachloroethane	<0.39	ug/L	0.39	1.3	S-8260	07/10/1997	1012
Tetrachloroethene	<0.63	ug/L	0.63	2.0	S-8260	07/10/1997	1012
Toluene	<0.39	ug/L	0.39	1.3	S-8260	07/10/1997	1012
1,2,3-Trichlorobenzene	<0.32	ug/L	0.32	1.0	S-8260	07/10/1997	1012
1,2,4-Trichlorobenzene	<0.18	ug/L	0.18	0.57	S-8260	07/10/1997	1012
1,1,1-Trichloroethane	<0.28	ug/L	0.28	0.88	S-8260	07/10/1997	1012
1,1,2-Trichloroethane	<0.15	ug/L	0.15	0.46	S-8260	07/10/1997	1012
Trichloroethene	<0.49	ug/L	0.49	1.6	S-8260	07/10/1997	1012
Trichlorofluoromethane	<0.53	ug/L	0.53	1.8	S-8260	07/10/1997	1012
1,2,3-Trichloropropane	<0.28	ug/L	0.28	0.90	S-8260	07/10/1997	1012
1,2,4-Trimethylbenzene	<0.32	ug/L	0.32	1.0	S-8260	07/10/1997	1012
1,3,5-Trimethylbenzene	<0.33	ug/L	0.33	1.0	S-8260	07/10/1997	1012
Vinyl Chloride	<0.46	ug/L	0.46	1.5	S-8260	07/10/1997	1012
Xylenes, Total	<1.1	ug/L	1.1	3.6	S-8260	07/10/1997	1012
Surr: Dibromofluoromethane	99.8	%	n/a	n/a	S-8260	07/10/1997	1012
Surr: Toluene-d8	94.6	%	n/a	n/a	S-8260	07/10/1997	1012
Surr: Bromofluorobenzene	93.6	%	n/a	n/a	S-8260	07/10/1997	1012



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WDNR No. 128053530

**ANALYTICAL REPORT**

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

07/11/1997  
Job No: 97.06142  
Sample No: 255900  
Account No: 52450  
Page 33

JOB DESCRIPTION: #1135 WDNR Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-109 #1135  
Recv'd 4.0 C

Date Taken: 06/26/1997

Date Received: 07/01/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
VOC - AQUEOUS - EPA 8260							
Benzene	<0.31	ug/L	0.31	0.98	S-8260	07/09/1997	1011
Bromobenzene	<0.20	ug/L	0.20	0.64	S-8260	07/09/1997	1011
Bromochloromethane	<0.32	ug/L	0.32	1.0	S-8260	07/09/1997	1011
Bromodichloromethane	<0.20	ug/L	0.20	0.63	S-8260	07/09/1997	1011
Bromoform	<0.14	ug/L	0.14	0.45	S-8260	07/09/1997	1011
Bromomethane	<0.46	ug/L	0.46	1.5	S-8260	07/09/1997	1011
n-Butylbenzene	<0.44	ug/L	0.44	1.4	S-8260	07/09/1997	1011
sec-Butylbenzene	<0.45	ug/L	0.45	1.4	S-8260	07/09/1997	1011
tert-Butylbenzene	<0.38	ug/L	0.38	1.2	S-8260	07/09/1997	1011
Carbon Tetrachloride	<0.40	ug/L	0.40	1.3	S-8260	07/09/1997	1011
Chlorobenzene	<0.22	ug/L	0.22	0.69	S-8260	07/09/1997	1011
Chlorodibromomethane	<0.10	ug/L	0.10	0.33	S-8260	07/09/1997	1011
Chloroethane	<1.2	ug/L	1.2	3.9	S-8260	07/09/1997	1011
Chloroform	<0.18	ug/L	0.18	0.58	S-8260	07/09/1997	1011
Chloromethane	<0.38	ug/L	0.38	1.2	S-8260	07/09/1997	1011
2-Chlorotoluene	<0.28	ug/L	0.28	0.90	S-8260	07/09/1997	1011
4-Chlorotoluene	<0.47	ug/L	0.47	1.5	S-8260	07/09/1997	1011
1,2-Dibromo-3-Chloropropane	<1.4	ug/L	1.4	4.5	S-8260	07/09/1997	1011
1,2-Dibromoethane (EDB)	<0.16	ug/L	0.16	0.51	S-8260	07/09/1997	1011
Dibromomethane	<0.11	ug/L	0.11	0.36	S-8260	07/09/1997	1011
1,2-Dichlorobenzene	<0.20	ug/L	0.20	0.64	S-8260	07/09/1997	1011
1,3-Dichlorobenzene	<0.22	ug/L	0.22	0.71	S-8260	07/09/1997	1011
1,4-Dichlorobenzene	<0.35	ug/L	0.35	1.1	S-8260	07/09/1997	1011
Dichlorodifluoromethane	<0.49	ug/L	0.49	1.6	S-8260	07/09/1997	1011
1,1-Dichloroethane	<0.25	ug/L	0.25	0.79	S-8260	07/09/1997	1011
1,2-Dichloroethane	<0.20	ug/L	0.20	0.63	S-8260	07/09/1997	1011
1,1-Dichloroethene	<0.73	ug/L	0.73	2.3	S-8260	07/09/1997	1011
cis-1,2-Dichloroethene	<0.23	ug/L	0.23	0.74	S-8260	07/09/1997	1011
trans-1,2-Dichloroethene	<0.39	ug/L	0.39	1.2	S-8260	07/09/1997	1011
1,2-Dichloropropane	<0.29	ug/L	0.29	0.93	S-8260	07/09/1997	1011
1,3-Dichloropropane	<0.16	ug/L	0.16	0.46	S-8260	07/09/1997	1011
2,2-Dichloropropane	<0.37	ug/L	0.37	1.2	S-8260	07/09/1997	1011
1,1-Dichloropropene	<0.63	ug/L	0.63	2.0	S-8260	07/09/1997	1011
cis-1,3-Dichloropropene	<0.17	ug/L	0.17	0.56	S-8260	07/09/1997	1011
trans-1,3-Dichloropropene	<0.13	ug/L	0.13	0.42	S-8260	07/09/1997	1011
Di-isopropyl ether	<0.13	ug/L	0.13	0.41	S-8260	07/09/1997	1011



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WDNR No. 128053530

## ANALYTICAL REPORT

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

07/11/1997  
Job No: 97.06142  
Sample No: 255900  
Account No: 52450  
Page 34

JOB DESCRIPTION: #1135 WDNR Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-109 #1135  
Recv'd 4.0 C

Date Taken: 06/26/1997

Date Received: 07/01/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
Ethylbenzene	<0.38	ug/L	0.38	1.2	S-8260	07/09/1997	1011
Hexachlorobutadiene	<0.37	ug/L	0.37	1.2	S-8260	07/09/1997	1011
Isopropylbenzene	<0.36	ug/L	0.36	1.1	S-8260	07/09/1997	1011
p-Isopropyltoluene	<0.35	ug/L	0.35	1.1	S-8260	07/09/1997	1011
Methylene Chloride	<0.87	ug/L	0.87	3.1	S-8260	07/09/1997	1011
Methyl-t-butyl ether	<0.14	ug/L	0.14	0.45	S-8260	07/09/1997	1011
Naphthalene	<0.35	ug/L	0.35	1.1	S-8260	07/09/1997	1011
n-Propylbenzene	<0.46	ug/L	0.46	1.5	S-8260	07/09/1997	1011
Styrene	<0.16	ug/L	0.16	0.51	S-8260	07/09/1997	1011
1,1,1,2-Tetrachloroethane	<0.11	ug/L	0.11	0.34	S-8260	07/09/1997	1011
1,1,2,2-Tetrachloroethane	<0.39	ug/L	0.39	1.3	S-8260	07/09/1997	1011
Tetrachloroethene	<0.63	ug/L	0.63	2.0	S-8260	07/09/1997	1011
Toluene	<0.39	ug/L	0.39	1.3	S-8260	07/09/1997	1011
1,2,3-Trichlorobenzene	<0.32	ug/L	0.32	1.0	S-8260	07/09/1997	1011
1,2,4-Trichlorobenzene	<0.18	ug/L	0.18	0.57	S-8260	07/09/1997	1011
1,1,1-Trichloroethane	<0.28	ug/L	0.28	0.88	S-8260	07/09/1997	1011
1,1,2-Trichloroethane	<0.15	ug/L	0.15	0.46	S-8260	07/09/1997	1011
Trichloroethene	<0.49	ug/L	0.49	1.5	S-8260	07/09/1997	1011
Trichlorofluoromethane	<0.58	ug/L	0.58	1.9	S-8260	07/09/1997	1011
1,2,3-Trichloropropane	<0.28	ug/L	0.28	0.90	S-8260	07/09/1997	1011
1,2,4-Trimethylbenzene	<0.32	ug/L	0.32	1.0	S-8260	07/09/1997	1011
1,3,5-Trimethylbenzene	<0.33	ug/L	0.33	1.0	S-8260	07/09/1997	1011
Vinyl Chloride	<0.46	ug/L	0.46	1.5	S-8260	07/09/1997	1011
Xylenes, Total	<1.1	ug/L	1.1	3.5	S-8260	07/09/1997	1011
Surr: Dibromofluoromethane	110.6	%	n/a	n/a	S-8260	07/09/1997	1011
Surr: Toluene-d8	95.2	%	n/a	n/a	S-8260	07/09/1997	1011
Surr: Bromofluorobenzene	91.5	%	n/a	n/a	S-8260	07/09/1997	1011



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**ANALYTICAL REPORT**

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
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07/11/1997  
Job No: 97.06142  
Sample No: 255901  
Account No: 52450  
Page 35

JOB DESCRIPTION: #1135 WDNR Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-110 #1135  
Recv'd 4.0 C

Date Taken: 06/26/1997

Date Received: 07/01/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
VOC - AQUEOUS - EPA 8260							
Benzene	<0.31	ug/L	0.31	0.98	S-8260	07/09/1997	1011
Bromobenzene	<0.20	ug/L	0.20	0.64	S-8260	07/09/1997	1011
Bromochloromethane	<0.32	ug/L	0.32	1.0	S-8260	07/09/1997	1011
Bromodichloromethane	<0.20	ug/L	0.20	0.63	S-8260	07/09/1997	1011
Bromoform	<0.14	ug/L	0.14	0.45	S-8260	07/09/1997	1011
Bromomethane	<0.46	ug/L	0.46	1.5	S-8260	07/09/1997	1011
n-Butylbenzene	<0.44	ug/L	0.44	1.4	S-8260	07/09/1997	1011
sec-Butylbenzene	<0.45	ug/L	0.45	1.4	S-8260	07/09/1997	1011
tert-Butylbenzene	<0.38	ug/L	0.38	1.2	S-8260	07/09/1997	1011
Carbon Tetrachloride	<0.40	ug/L	0.40	1.3	S-8260	07/09/1997	1011
Chlorobenzene	<0.22	ug/L	0.22	0.69	S-8260	07/09/1997	1011
Chlorodibromomethane	<0.10	ug/L	0.10	0.33	S-8260	07/09/1997	1011
Chloroethane	<1.2	ug/L	1.2	3.9	S-8260	07/09/1997	1011
Chloroform	<0.18	ug/L	0.18	0.58	S-8260	07/09/1997	1011
Chloromethane	<0.38	ug/L	0.38	1.2	S-8260	07/09/1997	1011
2-Chlorotoluene	<0.28	ug/L	0.28	0.90	S-8260	07/09/1997	1011
4-Chlorotoluene	<0.47	ug/L	0.47	1.5	S-8260	07/09/1997	1011
1,2-Dibromo-3-Chloropropane	<1.4	ug/L	1.4	4.5	S-8260	07/09/1997	1011
1,2-Dibromoethane (EDB)	<0.16	ug/L	0.16	0.51	S-8260	07/09/1997	1011
Dibromomethane	<0.11	ug/L	0.11	0.36	S-8260	07/09/1997	1011
1,2-Dichlorobenzene	<0.20	ug/L	0.20	0.64	S-8260	07/09/1997	1011
1,3-Dichlorobenzene	<0.22	ug/L	0.22	0.71	S-8260	07/09/1997	1011
1,4-Dichlorobenzene	<0.35	ug/L	0.35	1.1	S-8260	07/09/1997	1011
Dichlorodifluoromethane	<0.49	ug/L	0.49	1.6	S-8260	07/09/1997	1011
1,1-Dichloroethane	<0.25	ug/L	0.25	0.79	S-8260	07/09/1997	1011
1,2-Dichloroethane	<0.20	ug/L	0.20	0.63	S-8260	07/09/1997	1011
1,1-Dichloroethene	<0.73	ug/L	0.73	2.3	S-8260	07/09/1997	1011
cis-1,2-Dichloroethene	<0.23	ug/L	0.23	0.74	S-8260	07/09/1997	1011
trans-1,2-Dichloroethene	<0.39	ug/L	0.39	1.2	S-8260	07/09/1997	1011
1,2-Dichloropropane	<0.29	ug/L	0.29	0.93	S-8260	07/09/1997	1011
1,3-Dichloropropane	<0.15	ug/L	0.15	0.46	S-8260	07/09/1997	1011
2,2-Dichloropropane	<0.37	ug/L	0.37	1.2	S-8260	07/09/1997	1011
1,1-Dichloropropene	<0.63	ug/L	0.63	2.0	S-8260	07/09/1997	1011
cis-1,3-Dichloropropene	<0.17	ug/L	0.17	0.56	S-8260	07/09/1997	1011
trans-1,3-Dichloropropene	<0.13	ug/L	0.13	0.43	S-8260	07/09/1997	1011
Di-isopropyl ether	<0.13	ug/L	0.13	0.41	S-8260	07/09/1997	1011



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WDNR No. 128053530

**ANALYTICAL REPORT**

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

07/11/1997  
Job No: 97.06142  
Sample No: 255901  
Account No: 52450  
Page 36

JOB DESCRIPTION: #1135 WDNR Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-110 #1135  
Recv'd 4.0 C

Date Taken: 06/26/1997

Date Received: 07/01/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
Ethylbenzene	<0.38	ug/L	0.38	1.2	S-8260	07/09/1997	1011
Hexachlorobutadiene	<0.37	ug/L	0.37	1.2	S-8260	07/09/1997	1011
Isopropylbenzene	<0.36	ug/L	0.36	1.1	S-8260	07/09/1997	1011
p-Isopropyltoluene	<0.35	ug/L	0.35	1.1	S-8260	07/09/1997	1011
Methylene Chloride	<0.87	ug/L	0.87	3.1	S-8260	07/09/1997	1011
Methyl-t-butyl ether	<0.14	ug/L	0.14	0.45	S-8260	07/09/1997	1011
Naphthalene	<0.35	ug/L	0.35	1.1	S-8260	07/09/1997	1011
n-Propylbenzene	<0.46	ug/L	0.46	1.5	S-8260	07/09/1997	1011
Styrene	<0.16	ug/L	0.16	0.51	S-8260	07/09/1997	1011
1,1,1,2-Tetrachloroethane	<0.11	ug/L	0.11	0.34	S-8260	07/09/1997	1011
1,1,2,2-Tetrachloroethane	<0.39	ug/L	0.39	1.3	S-8260	07/09/1997	1011
Tetrachloroethene	<0.63	ug/L	0.63	2.0	S-8260	07/09/1997	1011
Toluene	<0.39	ug/L	0.39	1.3	S-8260	07/09/1997	1011
1,2,3-Trichlorobenzene	<0.32	ug/L	0.32	1.0	S-8260	07/09/1997	1011
1,2,4-Trichlorobenzene	<0.18	ug/L	0.18	0.57	S-8260	07/09/1997	1011
1,1,1-Trichloroethane	<0.28	ug/L	0.28	0.38	S-8260	07/09/1997	1011
1,1,2-Trichloroethane	<0.15	ug/L	0.15	0.46	S-8260	07/09/1997	1011
Trichloroethene	<0.49	ug/L	0.49	1.5	S-8260	07/09/1997	1011
Trichlorofluoromethane	<0.58	ug/L	0.58	1.3	S-8260	07/09/1997	1011
1,2,3-Trichloropropane	<0.28	ug/L	0.28	0.30	S-8260	07/09/1997	1011
1,2,4-Trimethylbenzene	<0.32	ug/L	0.32	1.0	S-8260	07/09/1997	1011
1,3,5-Trimethylbenzene	<0.33	ug/L	0.33	1.0	S-8260	07/09/1997	1011
Vinyl Chloride	<0.46	ug/L	0.46	1.5	S-8260	07/09/1997	1011
Xylenes, Total	<1.1	ug/L	1.1	3.6	S-8260	07/09/1997	1011
Surr: Dibromofluoromethane	103.3	%	n/a	n/a	S-8260	07/09/1997	1011
Surr: Toluene-d8	94.3	%	n/a	n/a	S-8260	07/09/1997	1011
Surr: Bromofluorobenzene	92.6	%	n/a	n/a	S-8260	07/09/1997	1011



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WDNR No. 128053530

**ANALYTICAL REPORT**

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

07/11/1997  
Job No: 97.06142  
Sample No: 255902  
Account No: 52450  
Page 37

JOB DESCRIPTION: #1135 WDNR Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: PZ-105 #1135  
Recv'd 4.0 C

Date Taken: 06/26/1997

Date Received: 07/01/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
VOC - AQUEOUS - EPA 8260							
Benzene	<0.31	ug/L	0.31	0.98	S-8260	07/10/1997	1012
Bromobenzene	<0.20	ug/L	0.20	0.64	S-8260	07/10/1997	1012
Bromochloromethane	<0.32	ug/L	0.32	1.0	S-8260	07/10/1997	1012
Bromodichloromethane	0.21	ug/L	0.20	0.63	S-8260	07/10/1997	1012
Bromoform	<0.14	ug/L	0.14	0.45	S-8260	07/10/1997	1012
Bromomethane	<0.46	ug/L	0.46	1.5	S-8260	07/10/1997	1012
n-Butylbenzene	<0.44	ug/L	0.44	1.4	S-8260	07/10/1997	1012
sec-Butylbenzene	<0.45	ug/L	0.45	1.4	S-8260	07/10/1997	1012
tert-Butylbenzene	<0.38	ug/L	0.38	1.2	S-8260	07/10/1997	1012
Carbon Tetrachloride	<0.40	ug/L	0.40	1.3	S-8260	07/10/1997	1012
Chlorobenzene	<0.22	ug/L	0.22	0.69	S-8260	07/10/1997	1012
Chlorodibromomethane	<0.10	ug/L	0.10	0.33	S-8260	07/10/1997	1012
Chloroethane	<1.2	ug/L	1.2	3.9	S-8260	07/10/1997	1012
Chloroform	9.4	ug/L	0.18	0.58	S-8260	07/10/1997	1012
Chloromethane	<0.38	ug/L	0.38	1.2	S-8260	07/10/1997	1012
2-Chlorotoluene	<0.28	ug/L	0.28	0.90	S-8260	07/10/1997	1012
4-Chlorotoluene	<0.47	ug/L	0.47	1.5	S-8260	07/10/1997	1012
1,2-Dibromo-3-Chloropropane	<1.4	ug/L	1.4	4.5	S-8260	07/10/1997	1012
1,2-Dibromoethane (EDB)	<0.16	ug/L	0.16	0.51	S-8260	07/10/1997	1012
Dibromomethane	<0.11	ug/L	0.11	0.36	S-8260	07/10/1997	1012
1,2-Dichlorobenzene	<0.20	ug/L	0.20	0.64	S-8260	07/10/1997	1012
1,3-Dichlorobenzene	<0.22	ug/L	0.22	0.71	S-8260	07/10/1997	1012
1,4-Dichlorobenzene	<0.35	ug/L	0.35	1.1	S-8260	07/10/1997	1012
Dichlorodifluoromethane	<0.49	ug/L	0.49	1.6	S-8260	07/10/1997	1012
1,1-Dichloroethane	<0.25	ug/L	0.25	0.79	S-8260	07/10/1997	1012
1,2-Dichloroethane	<0.20	ug/L	0.20	0.63	S-8260	07/10/1997	1012
1,1-Dichloroethene	<0.73	ug/L	0.73	2.3	S-8260	07/10/1997	1012
cis-1,2-Dichloroethene	<0.23	ug/L	0.23	0.74	S-8260	07/10/1997	1012
trans-1,2-Dichloroethene	<0.39	ug/L	0.39	1.2	S-8260	07/10/1997	1012
1,2-Dichloropropane	<0.29	ug/L	0.29	0.93	S-8260	07/10/1997	1012
1,3-Dichloropropane	<0.15	ug/L	0.15	0.46	S-8260	07/10/1997	1012
2,2-Dichloropropane	<0.37	ug/L	0.37	1.2	S-8260	07/10/1997	1012
1,1-Dichloropropene	<0.63	ug/L	0.63	2.0	S-8260	07/10/1997	1012
cis-1,3-Dichloropropene	<0.17	ug/L	0.17	0.56	S-8260	07/10/1997	1012
trans-1,3-Dichloropropene	<0.13	ug/L	0.13	0.42	S-8260	07/10/1997	1012
Di-isopropyl ether	<0.13	ug/L	0.13	0.41	S-8260	07/10/1997	1012





NATIONAL ENVIRONMENTAL TESTING, INC.

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WDNR No. 128053530

ANALYTICAL REPORT

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

07/11/1997  
Job No: 97.06142  
Sample No: 255902  
Account No: 52450  
Page 38

JOB DESCRIPTION: #1135 WDNR Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: PZ-105 #1135  
Recv'd 4.0 C

Date Taken: 06/26/1997

Date Received: 07/01/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
Ethylbenzene	<0.38	ug/L	0.38	1.2	S-8260	07/10/1997	1012
Hexachlorobutadiene	<0.37	ug/L	0.37	1.2	S-8260	07/10/1997	1012
Isopropylbenzene	<0.36	ug/L	0.36	1.1	S-8260	07/10/1997	1012
p-Isopropyltoluene	<0.35	ug/L	0.35	1.1	S-8260	07/10/1997	1012
Methylene Chloride	<0.87	ug/L	0.87	3.1	S-8260	07/10/1997	1012
Methyl-t-butyl ether	<0.14	ug/L	0.14	0.45	S-8260	07/10/1997	1012
Naphthalene	<0.35	ug/L	0.35	1.1	S-8260	07/10/1997	1012
n-Propylbenzene	<0.46	ug/L	0.46	1.5	S-8260	07/10/1997	1012
Styrene	<0.16	ug/L	0.16	0.51	S-8260	07/10/1997	1012
1,1,1,2-Tetrachloroethane	<0.11	ug/L	0.11	0.34	S-8260	07/10/1997	1012
1,1,2,2-Tetrachloroethane	<0.39	ug/L	0.39	1.3	S-8260	07/10/1997	1012
Tetrachloroethene	<0.63	ug/L	0.63	2.0	S-8260	07/10/1997	1012
Toluene	<0.39	ug/L	0.39	1.3	S-8260	07/10/1997	1012
1,2,3-Trichlorobenzene	<0.32	ug/L	0.32	1.0	S-8260	07/10/1997	1012
1,2,4-Trichlorobenzene	<0.18	ug/L	0.18	0.57	S-8260	07/10/1997	1012
1,1,1-Trichloroethane	<0.28	ug/L	0.28	0.88	S-8260	07/10/1997	1012
1,1,2-Trichloroethane	<0.15	ug/L	0.15	0.46	S-8260	07/10/1997	1012
Trichloroethene	<0.49	ug/L	0.49	1.6	S-8260	07/10/1997	1012
Trichlorofluoromethane	<0.58	ug/L	0.58	1.8	S-8260	07/10/1997	1012
1,2,3-Trichloropropane	<0.28	ug/L	0.28	0.90	S-8260	07/10/1997	1012
1,2,4-Trimethylbenzene	<0.32	ug/L	0.32	1.0	S-8260	07/10/1997	1012
1,3,5-Trimethylbenzene	<0.33	ug/L	0.33	1.0	S-8260	07/10/1997	1012
Vinyl Chloride	<0.46	ug/L	0.46	1.5	S-8260	07/10/1997	1012
Xylenes, Total	<1.1	ug/L	1.1	3.6	S-8260	07/10/1997	1012
Surr: Dibromofluoromethane	101.4	%	n/a	n/a	S-8260	07/10/1997	1012
Surr: Toluene-d8	94.2	%	n/a	n/a	S-8260	07/10/1997	1012
Surr: Bromofluorobenzene	91.4	%	n/a	n/a	S-8260	07/10/1997	1012



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WDNR No. 128053530

## ANALYTICAL REPORT

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

07/11/1997  
Job No: 97.06142  
Sample No: 255903  
Account No: 52450  
Page 39

JOB DESCRIPTION: #1135 WDNR Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-111 #1135  
Recv'd 4.0 C

Date Taken: 06/26/1997

Date Received: 07/01/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
VOC - AQUEOUS - EPA 8260							
Benzene	<0.31	ug/L	0.31	0.98	S-8260	07/10/1997	1012
Bromobenzene	<0.20	ug/L	0.20	0.64	S-8260	07/10/1997	1012
Bromochloromethane	<0.32	ug/L	0.32	1.0	S-8260	07/10/1997	1012
Bromodichloromethane	<0.20	ug/L	0.20	0.63	S-8260	07/10/1997	1012
Bromoform	<0.14	ug/L	0.14	0.45	S-8260	07/10/1997	1012
Bromomethane	<0.46	ug/L	0.46	1.5	S-8260	07/10/1997	1012
n-Butylbenzene	<0.44	ug/L	0.44	1.4	S-8260	07/10/1997	1012
sec-Butylbenzene	<0.45	ug/L	0.45	1.4	S-8260	07/10/1997	1012
tert-Butylbenzene	<0.38	ug/L	0.38	1.2	S-8260	07/10/1997	1012
Carbon Tetrachloride	<0.40	ug/L	0.40	1.3	S-8260	07/10/1997	1012
Chlorobenzene	<0.22	ug/L	0.22	0.69	S-8260	07/10/1997	1012
Chlorodibromomethane	<0.10	ug/L	0.10	0.33	S-8260	07/10/1997	1012
Chloroethane	<1.2	ug/L	1.2	3.9	S-8260	07/10/1997	1012
Chloroform	<0.18	ug/L	0.18	0.58	S-8260	07/10/1997	1012
Chloromethane	<0.38	ug/L	0.38	1.2	S-8260	07/10/1997	1012
2-Chlorotoluene	<0.28	ug/L	0.28	0.90	S-8260	07/10/1997	1012
4-Chlorotoluene	<0.47	ug/L	0.47	1.5	S-8260	07/10/1997	1012
1,2-Dibromo-3-Chloropropane	<1.4	ug/L	1.4	4.5	S-8260	07/10/1997	1012
1,2-Dibromoethane (EDB)	<0.16	ug/L	0.16	0.51	S-8260	07/10/1997	1012
Dibromomethane	<0.11	ug/L	0.11	0.36	S-8260	07/10/1997	1012
1,2-Dichlorobenzene	<0.20	ug/L	0.20	0.64	S-8260	07/10/1997	1012
1,3-Dichlorobenzene	<0.22	ug/L	0.22	0.71	S-8260	07/10/1997	1012
1,4-Dichlorobenzene	<0.35	ug/L	0.35	1.1	S-8260	07/10/1997	1012
Dichlorodifluoromethane	<0.49	ug/L	0.49	1.6	S-8260	07/10/1997	1012
1,1-Dichloroethane	<0.25	ug/L	0.25	0.79	S-8260	07/10/1997	1012
1,2-Dichloroethane	<0.20	ug/L	0.20	0.63	S-8260	07/10/1997	1012
1,1-Dichloroethene	<0.73	ug/L	0.73	2.3	S-8260	07/10/1997	1012
cis-1,2-Dichloroethane	<0.23	ug/L	0.23	0.74	S-8260	07/10/1997	1012
trans-1,2-Dichloroethene	<0.39	ug/L	0.39	1.2	S-8260	07/10/1997	1012
1,2-Dichloropropane	<0.29	ug/L	0.29	0.93	S-8260	07/10/1997	1012
1,3-Dichloropropane	<0.15	ug/L	0.15	0.46	S-8260	07/10/1997	1012
2,2-Dichloropropane	<0.37	ug/L	0.37	1.2	S-8260	07/10/1997	1012
1,1-Dichloropropene	<0.63	ug/L	0.63	2.0	S-8260	07/10/1997	1012
cis-1,3-Dichloropropene	<0.17	ug/L	0.17	0.56	S-8260	07/10/1997	1012
trans-1,3-Dichloropropene	<0.13	ug/L	0.13	0.42	S-8260	07/10/1997	1012
Di-isopropyl ether	<0.13	ug/L	0.13	0.41	S-8260	07/10/1997	1012



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ANALYTICAL REPORT

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
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07/11/1997  
Job No: 97.06142  
Sample No: 255903  
Account No: 52450  
Page 40

JOB DESCRIPTION: #1135 WDNR Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-111 #1135  
Recv'd 4.0 C

Date Taken: 06/26/1997

Date Received: 07/01/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
Ethylbenzene	<0.33	ug/L	0.38	1.2	S-8260	07/10/1997	1012
Hexachlorobutadiene	<0.37	ug/L	0.37	1.2	S-8260	07/10/1997	1012
Isopropylbenzene	<0.36	ug/L	0.36	1.1	S-8260	07/10/1997	1012
p-Isopropyltoluene	<0.35	ug/L	0.35	1.1	S-8260	07/10/1997	1012
Methylene Chloride	<0.87	ug/L	0.87	3.1	S-8260	07/10/1997	1012
Methyl-t-butyl ether	<0.14	ug/L	0.14	0.45	S-8260	07/10/1997	1012
Naphthalene	<0.35	ug/L	0.35	1.1	S-8260	07/10/1997	1012
n-Propylbenzene	<0.46	ug/L	0.46	1.5	S-8260	07/10/1997	1012
Styrene	<0.16	ug/L	0.16	0.51	S-8260	07/10/1997	1012
1,1,1,2-Tetrachloroethane	<0.11	ug/L	0.11	0.34	S-8260	07/10/1997	1012
1,1,2,2-Tetrachloroethane	<0.39	ug/L	0.39	1.3	S-8260	07/10/1997	1012
Tetrachloroethene	<0.63	ug/L	0.63	2.0	S-8260	07/10/1997	1012
Toluene	<0.39	ug/L	0.39	1.3	S-8260	07/10/1997	1012
1,2,3-Trichlorobenzene	<0.32	ug/L	0.32	1.0	S-8260	07/10/1997	1012
1,2,4-Trichlorobenzene	<0.18	ug/L	0.18	0.57	S-8260	07/10/1997	1012
1,1,1-Trichloroethane	<0.28	ug/L	0.28	0.88	S-8260	07/10/1997	1012
1,1,2-Trichloroethane	<0.15	ug/L	0.15	0.46	S-8260	07/10/1997	1012
Trichloroethene	<0.49	ug/L	0.49	1.6	S-8260	07/10/1997	1012
Trichlorofluoromethane	<0.58	ug/L	0.58	1.8	S-8260	07/10/1997	1012
1,2,3-Trichloropropane	<0.28	ug/L	0.28	0.90	S-8260	07/10/1997	1012
1,2,4-Trimethylbenzene	<0.32	ug/L	0.32	1.0	S-8260	07/10/1997	1012
1,3,5-Trimethylbenzene	<0.33	ug/L	0.33	1.0	S-8260	07/10/1997	1012
Vinyl Chloride	<0.46	ug/L	0.46	1.5	S-8260	07/10/1997	1012
Xylenes, Total	<1.1	ug/L	1.1	3.6	S-8260	07/10/1997	1012
Surr: Dibromofluoromethane	102.4	%	n/a	n/a	S-8260	07/10/1997	1012
Surr: Toluene-d8	94.6	%	n/a	n/a	S-8260	07/10/1997	1012
Surr: Bromofluorobenzene	92.2	%	n/a	n/a	S-8260	07/10/1997	1012



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WDNR No. 128053530

**ANALYTICAL REPORT**

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

07/11/1997  
Job No: 97.06142  
Sample No: 255904  
Account No: 52450  
Page 41

JOB DESCRIPTION: #1135 WDNR Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-112 #1135  
Recv'd 4.0 C

Date Taken: 06/26/1997

Date Received: 07/01/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
VOC - AQUEOUS - EPA 8260							
Benzene	<0.31	ug/L	0.31	0.98	S-8260	07/10/1997	1012
Bromobenzene	<0.20	ug/L	0.20	0.64	S-8260	07/10/1997	1012
Bromochloromethane	<0.32	ug/L	0.32	1.0	S-8260	07/10/1997	1012
Bromodichloromethane	<0.20	ug/L	0.20	0.63	S-8260	07/10/1997	1012
Bromoform	<0.14	ug/L	0.14	0.45	S-8260	07/10/1997	1012
Bromomethane	<0.46	ug/L	0.46	1.5	S-8260	07/10/1997	1012
n-Butylbenzene	<0.44	ug/L	0.44	1.4	S-8260	07/10/1997	1012
sec-Butylbenzene	<0.45	ug/L	0.45	1.4	S-8260	07/10/1997	1012
tert-Butylbenzene	<0.38	ug/L	0.38	1.2	S-8260	07/10/1997	1012
Carbon Tetrachloride	<0.40	ug/L	0.40	1.3	S-8260	07/10/1997	1012
Chlorobenzene	<0.22	ug/L	0.22	0.69	S-8260	07/10/1997	1012
Chlorodibromomethane	<0.10	ug/L	0.10	0.33	S-8260	07/10/1997	1012
Chloroethane	9.3	ug/L	1.2	3.9	S-8260	07/10/1997	1012
Chloroform	<0.18	ug/L	0.18	0.58	S-8260	07/10/1997	1012
Chloromethane	<0.38	ug/L	0.38	1.2	S-8260	07/10/1997	1012
2-Chlorotoluene	<0.23	ug/L	0.28	0.90	S-8260	07/10/1997	1012
4-Chlorotoluene	<0.47	ug/L	0.47	1.5	S-8260	07/10/1997	1012
1,2-Dibromo-3-Chloropropane	<1.4	ug/L	1.4	4.5	S-8260	07/10/1997	1012
1,2-Dibromoethane (EDB)	<0.16	ug/L	0.16	0.51	S-8260	07/10/1997	1012
Dibromomethane	<0.11	ug/L	0.11	0.36	S-8260	07/10/1997	1012
1,2-Dichlorobenzene	<0.20	ug/L	0.20	0.64	S-8260	07/10/1997	1012
1,3-Dichlorobenzene	<0.22	ug/L	0.22	0.71	S-8260	07/10/1997	1012
1,4-Dichlorobenzene	<0.35	ug/L	0.35	1.1	S-8260	07/10/1997	1012
Dichlorodifluoromethane	<0.49	ug/L	0.49	1.6	S-8260	07/10/1997	1012
1,1-Dichloroethane	16	ug/L	0.25	0.79	S-8260	07/10/1997	1012
1,2-Dichloroethane	<0.20	ug/L	0.20	0.63	S-8260	07/10/1997	1012
1,1-Dichloroethene	1.2	ug/L	0.73	2.3	S-8260	07/10/1997	1012
cis-1,2-Dichloroethene	<0.23	ug/L	0.23	0.74	S-8260	07/10/1997	1012
trans-1,2-Dichloroethene	<0.33	ug/L	0.39	1.2	S-8260	07/10/1997	1012
1,2-Dichloropropane	<0.29	ug/L	0.29	0.93	S-8260	07/10/1997	1012
1,3-Dichloropropane	<0.15	ug/L	0.15	0.46	S-8260	07/10/1997	1012
2,2-Dichloropropane	<0.37	ug/L	0.37	1.2	S-8260	07/10/1997	1012
1,1-Dichloropropene	<0.53	ug/L	0.53	2.0	S-8260	07/10/1997	1012
cis-1,3-Dichloropropene	<0.17	ug/L	0.17	0.56	S-8260	07/10/1997	1012
trans-1,3-Dichloropropene	<0.13	ug/L	0.13	0.42	S-8260	07/10/1997	1012
Di-isopropyl ether	<0.13	ug/L	0.13	0.41	S-8260	07/10/1997	1012



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WDNR No. 128053530

**ANALYTICAL REPORT**

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

07/11/1997  
Job No: 97.06142  
Sample No: 255904  
Account No: 52450  
Page 42

JOB DESCRIPTION: #1135 WDNR Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-112 #1135  
Recv'd 4.0 C

Date Taken: 06/26/1997

Date Received: 07/01/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
Ethylbenzene	<0.33	ug/L	0.38	1.2	S-8260	07/10/1997	1012
Hexachlorobutadiene	<0.37	ug/L	0.37	1.2	S-8260	07/10/1997	1012
Isopropylbenzene	<0.36	ug/L	0.36	1.1	S-8260	07/10/1997	1012
p-Isopropyltoluene	<0.35	ug/L	0.35	1.1	S-8260	07/10/1997	1012
Methylene Chloride	<0.87	ug/L	0.87	3.1	S-8260	07/10/1997	1012
Methyl-t-butyl ether	<0.14	ug/L	0.14	0.45	S-8260	07/10/1997	1012
Naphthalene	<0.35	ug/L	0.35	1.1	S-8260	07/10/1997	1012
n-Propylbenzene	<0.46	ug/L	0.46	1.5	S-8260	07/10/1997	1012
Styrene	<0.16	ug/L	0.16	0.51	S-8260	07/10/1997	1012
1,1,1,2-Tetrachloroethane	<0.11	ug/L	0.11	0.34	S-8260	07/10/1997	1012
1,1,2,2-Tetrachloroethane	<0.39	ug/L	0.39	1.3	S-8260	07/10/1997	1012
Tetrachloroethene	<0.63	ug/L	0.63	2.0	S-8260	07/10/1997	1012
Toluene	<0.39	ug/L	0.39	1.3	S-8260	07/10/1997	1012
1,2,3-Trichlorobenzene	<0.32	ug/L	0.32	1.0	S-8260	07/10/1997	1012
1,2,4-Trichlorobenzene	<0.13	ug/L	0.18	0.57	S-8260	07/10/1997	1012
1,1,1-Trichloroethane	4.2	ug/L	0.28	0.88	S-8260	07/10/1997	1012
1,1,2-Trichloroethane	<0.15	ug/L	0.15	0.46	S-8260	07/10/1997	1012
Trichloroethene	<0.49	ug/L	0.49	1.6	S-8260	07/10/1997	1012
Trichlorofluoromethane	<0.58	ug/L	0.58	1.8	S-8260	07/10/1997	1012
1,2,3-Trichloropropane	<0.28	ug/L	0.28	0.90	S-8260	07/10/1997	1012
1,2,4-Trimethylbenzene	<0.32	ug/L	0.32	1.0	S-8260	07/10/1997	1012
1,3,5-Trimethylbenzene	<0.33	ug/L	0.33	1.0	S-8260	07/10/1997	1012
Vinyl Chloride	<0.46	ug/L	0.46	1.5	S-8260	07/10/1997	1012
Xylenes, Total	<1.1	ug/L	1.1	3.6	S-8260	07/10/1997	1012
Surr: Dibromofluoromethane	100.0	%	n/a	n/a	S-8260	07/10/1997	1012
Surr: Toluene-d8	95.0	%	n/a	n/a	S-8260	07/10/1997	1012
Surr: Bromofluorobenzene	93.4	%	n/a	n/a	S-8260	07/10/1997	1012



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WDNR No. 128053530

ANALYTICAL REPORT

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

07/11/1997  
Job No: 97.06142  
Sample No: 255905  
Account No: 52450  
Page 43

JOB DESCRIPTION: #1135 WDNR Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-195 #1135  
Recv'd 4.0 C

Date Taken: 06/26/1997

Date Received: 07/01/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
VOC - AQUEOUS - EPA 8260							
Benzene	<0.31	ug/L	0.31	0.98	S-8260	07/10/1997	1012
Bromobenzene	<0.20	ug/L	0.20	0.64	S-8260	07/10/1997	1012
Bromochloromethane	<0.32	ug/L	0.32	1.0	S-8260	07/10/1997	1012
Bromodichloromethane	<0.20	ug/L	0.20	0.63	S-8260	07/10/1997	1012
Bromoform	<0.14	ug/L	0.14	0.45	S-8260	07/10/1997	1012
Bromomethane	<0.46	ug/L	0.46	1.5	S-8260	07/10/1997	1012
n-Butylbenzene	<0.44	ug/L	0.44	1.4	S-8260	07/10/1997	1012
sec-Butylbenzene	<0.45	ug/L	0.45	1.4	S-8260	07/10/1997	1012
tert-Butylbenzene	<0.38	ug/L	0.38	1.2	S-8260	07/10/1997	1012
Carbon Tetrachloride	<0.40	ug/L	0.40	1.3	S-8260	07/10/1997	1012
Chlorobenzene	<0.22	ug/L	0.22	0.69	S-8260	07/10/1997	1012
Chlorodibromomethane	<0.10	ug/L	0.10	0.33	S-8260	07/10/1997	1012
Chloroethane	<1.2	ug/L	1.2	3.9	S-8260	07/10/1997	1012
Chloroform	<0.18	ug/L	0.18	0.58	S-8260	07/10/1997	1012
Chloromethane	<0.38	ug/L	0.38	1.2	S-8260	07/10/1997	1012
2-Chlorotoluene	<0.28	ug/L	0.28	0.90	S-8260	07/10/1997	1012
4-Chlorotoluene	<0.47	ug/L	0.47	1.5	S-8260	07/10/1997	1012
1,2-Dibromo-3-Chloropropane	<1.4	ug/L	1.4	4.5	S-8260	07/10/1997	1012
1,2-Dibromoethane (EDB)	<0.16	ug/L	0.16	0.51	S-8260	07/10/1997	1012
Dibromomethane	<0.11	ug/L	0.11	0.36	S-8260	07/10/1997	1012
1,2-Dichlorobenzene	<0.20	ug/L	0.20	0.64	S-8260	07/10/1997	1012
1,3-Dichlorobenzene	<0.22	ug/L	0.22	0.71	S-8260	07/10/1997	1012
1,4-Dichlorobenzene	<0.35	ug/L	0.35	1.1	S-8260	07/10/1997	1012
Dichlorodifluoromethane	<0.49	ug/L	0.49	1.6	S-8260	07/10/1997	1012
1,1-Dichloroethane	<0.25	ug/L	0.25	0.79	S-8260	07/10/1997	1012
1,2-Dichloroethane	<0.20	ug/L	0.20	0.63	S-8260	07/10/1997	1012
1,1-Dichloroethene	<0.73	ug/L	0.73	2.3	S-8260	07/10/1997	1012
cis-1,2-Dichloroethene	<0.23	ug/L	0.23	0.74	S-8260	07/10/1997	1012
trans-1,2-Dichloroethene	<0.39	ug/L	0.39	1.2	S-8260	07/10/1997	1012
1,2-Dichloropropane	<0.29	ug/L	0.29	0.93	S-8260	07/10/1997	1012
1,3-Dichloropropane	<0.15	ug/L	0.15	0.46	S-8260	07/10/1997	1012
2,2-Dichloropropane	<0.37	ug/L	0.37	1.2	S-8260	07/10/1997	1012
1,1-Dichloropropene	<0.63	ug/L	0.63	2.0	S-8260	07/10/1997	1012
cis-1,3-Dichloropropene	<0.17	ug/L	0.17	0.56	S-8260	07/10/1997	1012
trans-1,3-Dichloropropene	<0.13	ug/L	0.13	0.42	S-8260	07/10/1997	1012
Di-isopropyl ether	<0.13	ug/L	0.13	0.41	S-8260	07/10/1997	1012



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WDNR No. 128053530

## ANALYTICAL REPORT

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

07/11/1997  
Job No: 97.06142  
Sample No: 255905  
Account No: 52450  
Page 44

JOB DESCRIPTION: #1135 WDNR Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-195 #1135  
Recv'd 4.0 C

Date Taken: 06/26/1997

Date Received: 07/01/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
Ethylbenzene	<0.38	ug/L	0.38	1.2	S-8260	07/10/1997	1012
Hexachlorobutadiene	<0.37	ug/L	0.37	1.2	S-8260	07/10/1997	1012
Isopropylbenzene	<0.36	ug/L	0.36	1.1	S-8260	07/10/1997	1012
p-Isopropyltoluene	<0.25	ug/L	0.35	1.1	S-8260	07/10/1997	1012
Methylene Chloride	<0.87	ug/L	0.87	3.1	S-8260	07/10/1997	1012
Methyl-t-butyl ether	<0.14	ug/L	0.14	0.45	S-8260	07/10/1997	1012
Naphthalene	<0.35	ug/L	0.35	1.1	S-8260	07/10/1997	1012
n-Propylbenzene	<0.46	ug/L	0.46	1.5	S-8260	07/10/1997	1012
Styrene	<0.16	ug/L	0.16	0.51	S-8260	07/10/1997	1012
1,1,1,2-Tetrachloroethane	<0.11	ug/L	0.11	0.34	S-8260	07/10/1997	1012
1,1,2,2-Tetrachloroethane	<0.39	ug/L	0.39	1.3	S-8260	07/10/1997	1012
Tetrachloroethene	<0.63	ug/L	0.63	2.0	S-8260	07/10/1997	1012
Toluene	<0.39	ug/L	0.39	1.3	S-8260	07/10/1997	1012
1,2,3-Trichlorobenzene	<0.32	ug/L	0.32	1.0	S-8260	07/10/1997	1012
1,2,4-Trichlorobenzene	<0.18	ug/L	0.18	0.57	S-8260	07/10/1997	1012
1,1,1-Trichloroethane	<0.28	ug/L	0.28	0.88	S-8260	07/10/1997	1012
1,1,2-Trichloroethane	<0.15	ug/L	0.15	0.46	S-8260	07/10/1997	1012
Trichloroethene	<0.49	ug/L	0.49	1.6	S-8260	07/10/1997	1012
Trichlorofluoromethane	<0.58	ug/L	0.58	1.8	S-8260	07/10/1997	1012
1,2,3-Trichloropropane	<0.28	ug/L	0.28	0.90	S-8260	07/10/1997	1012
1,2,4-Trimethylbenzene	<0.32	ug/L	0.32	1.0	S-8260	07/10/1997	1012
1,3,5-Trimethylbenzene	<0.33	ug/L	0.33	1.0	S-8260	07/10/1997	1012
Vinyl Chloride	<0.46	ug/L	0.46	1.5	S-8260	07/10/1997	1012
Xylenes, Total	<1.1	ug/L	1.1	3.5	S-8260	07/10/1997	1012
Surr: Dibromofluoromethane	103.2	%	n/a	n/a	S-8260	07/10/1997	1012
Surr: Toluene-d8	98.4	%	n/a	n/a	S-8260	07/10/1997	1012
Surr: Bromofluorobenzene	92.2	%	n/a	n/a	S-8260	07/10/1997	1012



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WDNR No. 128053530

**ANALYTICAL REPORT**

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

07/11/1997  
Job No: 97.06142  
Sample No: 255906  
Account No: 52450  
Page 45

JOB DESCRIPTION: #1135 WDNR Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: Trip Blk #1135  
Recv'd 4.0 C

Date Taken: 06/26/1997

Date Received: 07/01/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
VOC - AQUEOUS - EPA 8260							
Benzene	<0.31	ug/L	0.31	0.98	S-8260	07/10/1997	1012
Bromobenzene	<0.20	ug/L	0.20	0.64	S-8260	07/10/1997	1012
Bromochloromethane	<0.32	ug/L	0.32	1.0	S-8260	07/10/1997	1012
Bromodichloromethane	<0.20	ug/L	0.20	0.63	S-8260	07/10/1997	1012
Bromoform	<0.14	ug/L	0.14	0.45	S-8260	07/10/1997	1012
Bromomethane	<0.46	ug/L	0.46	1.5	S-8260	07/10/1997	1012
n-Butylbenzene	<0.44	ug/L	0.44	1.4	S-8260	07/10/1997	1012
sec-Butylbenzene	<0.45	ug/L	0.45	1.4	S-8260	07/10/1997	1012
tert-Butylbenzene	<0.38	ug/L	0.38	1.2	S-8260	07/10/1997	1012
Carbon Tetrachloride	<0.40	ug/L	0.40	1.3	S-8260	07/10/1997	1012
Chlorobenzene	<0.22	ug/L	0.22	0.69	S-8260	07/10/1997	1012
Chlorodibromomethane	<0.10	ug/L	0.10	0.33	S-8260	07/10/1997	1012
Chloroethane	<1.2	ug/L	1.2	3.9	S-8260	07/10/1997	1012
Chloroform	<0.18	ug/L	0.18	0.58	S-8260	07/10/1997	1012
Chloromethane	<0.38	ug/L	0.38	1.2	S-8260	07/10/1997	1012
2-Chlorotoluene	<0.28	ug/L	0.28	0.90	S-8260	07/10/1997	1012
4-Chlorotoluene	<0.47	ug/L	0.47	1.5	S-8260	07/10/1997	1012
1,2-Dibromo-3-Chloropropane	<1.4	ug/L	1.4	4.5	S-8260	07/10/1997	1012
1,2-Dibromoethane (EDB)	<0.16	ug/L	0.16	0.51	S-8260	07/10/1997	1012
Dibromomethane	<0.11	ug/L	0.11	0.36	S-8260	07/10/1997	1012
1,2-Dichlorobenzene	<0.20	ug/L	0.20	0.64	S-8260	07/10/1997	1012
1,3-Dichlorobenzene	<0.22	ug/L	0.22	0.71	S-8260	07/10/1997	1012
1,4-Dichlorobenzene	<0.35	ug/L	0.35	1.1	S-8260	07/10/1997	1012
Dichlorodifluoromethane	<0.49	ug/L	0.49	1.5	S-8260	07/10/1997	1012
1,1-Dichloroethane	<0.25	ug/L	0.25	0.79	S-8260	07/10/1997	1012
1,2-Dichloroethane	<0.20	ug/L	0.20	0.63	S-8260	07/10/1997	1012
1,1-Dichloroethene	<0.73	ug/L	0.73	2.3	S-8260	07/10/1997	1012
cis-1,2-Dichloroethene	<0.23	ug/L	0.23	0.74	S-8260	07/10/1997	1012
trans-1,2-Dichloroethene	<0.39	ug/L	0.39	1.2	S-8260	07/10/1997	1012
1,2-Dichloropropane	<0.29	ug/L	0.29	0.93	S-8260	07/10/1997	1012
1,3-Dichloropropane	<0.15	ug/L	0.15	0.46	S-8260	07/10/1997	1012
2,2-Dichloropropane	<0.37	ug/L	0.37	1.2	S-8260	07/10/1997	1012
1,1-Dichloropropene	<0.63	ug/L	0.63	2.0	S-8260	07/10/1997	1012
cis-1,3-Dichloropropene	<0.17	ug/L	0.17	0.56	S-8260	07/10/1997	1012
trans-1,3-Dichloropropene	<0.13	ug/L	0.13	0.42	S-8260	07/10/1997	1012
Di-isopropyl ether	<0.13	ug/L	0.13	0.41	S-8260	07/10/1997	1012





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WDNR No. 128053530

ANALYTICAL REPORT

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

07/11/1997  
Job No: 97.06142  
Sample No: 255906  
Account No: 52450  
Page 46

JOB DESCRIPTION: #1135 WDNR Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: Trip Blk #1135  
Recv'd 4.0 C

Date Taken: 06/26/1997

Date Received: 07/01/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
Ethylbenzene	<0.38	ug/L	0.38	1.2	S-8260	07/10/1997	1012
Hexachlorobutadiene	<0.37	ug/L	0.37	1.2	S-8260	07/10/1997	1012
Isopropylbenzene	<0.36	ug/L	0.36	1.1	S-8260	07/10/1997	1012
p-Isopropyltoluene	<0.35	ug/L	0.35	1.1	S-8260	07/10/1997	1012
Methylene Chloride	<0.87	ug/L	0.87	3.1	S-8260	07/10/1997	1012
Methyl-t-butyl ether	<0.14	ug/L	0.14	0.45	S-8260	07/10/1997	1012
Naphthalene	<0.35	ug/L	0.35	1.1	S-8260	07/16/1997	1012
n-Propylbenzene	<0.46	ug/L	0.46	1.5	S-8260	07/10/1997	1012
Styrene	<0.16	ug/L	0.16	0.51	S-8260	07/10/1997	1012
1,1,1,2-Tetrachloroethane	<0.11	ug/L	0.11	0.34	S-8260	07/10/1997	1012
1,1,2,2-Tetrachloroethane	<0.39	ug/L	0.39	1.3	S-8260	07/10/1997	1012
Tetrachloroethene	<0.63	ug/L	0.63	2.0	S-8260	07/10/1997	1012
Toluene	<0.39	ug/L	0.39	1.3	S-8260	07/10/1997	1012
1,2,3-Trichlorobenzene	<0.32	ug/L	0.32	1.0	S-8260	07/10/1997	1012
1,2,4-Trichlorobenzene	<0.18	ug/L	0.18	0.57	S-8260	07/10/1997	1012
1,1,1-Trichloroethane	<0.28	ug/L	0.28	0.88	S-8260	07/10/1997	1012
1,1,2-Trichloroethane	<0.15	ug/L	0.15	0.46	S-8260	07/10/1997	1012
Trichloroethene	<0.49	ug/L	0.49	1.6	S-8260	07/10/1997	1012
Trichlorofluoromethane	<0.58	ug/L	0.58	1.8	S-8260	07/10/1997	1012
1,2,3-Trichloropropane	<0.28	ug/L	0.28	0.90	S-8260	07/10/1997	1012
1,2,4-Trimethylbenzene	<0.32	ug/L	0.32	1.0	S-8260	07/10/1997	1012
1,3,5-Trimethylbenzene	<0.33	ug/L	0.33	1.0	S-8260	07/10/1997	1012
Vinyl Chloride	<0.46	ug/L	0.46	1.5	S-8260	07/10/1997	1012
Xylenes, Total	<1.1	ug/L	1.1	3.6	S-8260	07/10/1997	1012
Surr: Dibromofluoromethane	101.3	%	n/a	n/a	S-8260	07/10/1997	1012
Surr: Toluene-d8	94.2	%	n/a	n/a	S-8260	07/10/1997	1012
Surr: Bromofluorobenzene	91.3	%	n/a	n/a	S-8260	07/10/1997	1012



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WDNR No. 128053530

## ANALYTICAL REPORT

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

07/11/1997  
Job No: 97.06142  
Sample No: 256137  
Account No: 52450  
Page 47

JOB DESCRIPTION: #1135 WDNR Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-196 #1135  
Recv'd 4.0 C

Date Taken: 06/26/1997

Date Received: 07/03/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
VOC - AQUEOUS - EPA 8260							
Benzene	<0.31	ug/L	0.31	0.98	S-8260	07/08/1997	1009
Bromobenzene	<0.20	ug/L	0.20	0.64	S-8260	07/08/1997	1009
Bromochloromethane	<0.32	ug/L	0.32	1.0	S-8260	07/08/1997	1009
Bromodichloromethane	<0.20	ug/L	0.20	0.63	S-8260	07/08/1997	1009
Bromoform	<0.14	ug/L	0.14	0.45	S-8260	07/08/1997	1009
Bromomethane	<0.46	ug/L	0.46	1.5	S-8260	07/08/1997	1009
n-Butylbenzene	<0.44	ug/L	0.44	1.4	S-8260	07/08/1997	1009
sec-Butylbenzene	<0.45	ug/L	0.45	1.4	S-8260	07/08/1997	1009
tert-Butylbenzene	<0.38	ug/L	0.38	1.2	S-8260	07/08/1997	1009
Carbon Tetrachloride	<0.40	ug/L	0.40	1.3	S-8260	07/08/1997	1009
Chlorobenzene	<0.22	ug/L	0.22	0.69	S-8260	07/08/1997	1009
Chlorodibromomethane	<0.10	ug/L	0.10	0.33	S-8260	07/08/1997	1009
Chloroethane	<1.2	ug/L	1.2	3.9	S-8260	07/08/1997	1009
Chloroform	<0.18	ug/L	0.18	0.58	S-8260	07/08/1997	1009
Chloromethane	<0.38	ug/L	0.38	1.2	S-8260	07/08/1997	1009
2-Chlorotoluene	<0.28	ug/L	0.28	0.90	S-8260	07/08/1997	1009
4-Chlorotoluene	<0.47	ug/L	0.47	1.5	S-8260	07/08/1997	1009
1,2-Dibromo-3-Chloropropane	<1.4	ug/L	1.4	4.5	S-8260	07/08/1997	1009
1,2-Dibromoethane (EDB)	<0.16	ug/L	0.16	0.51	S-8260	07/08/1997	1009
Dibromomethane	<0.11	ug/L	0.11	0.36	S-8260	07/08/1997	1009
1,2-Dichlorobenzene	<0.20	ug/L	0.20	0.64	S-8260	07/08/1997	1009
1,3-Dichlorobenzene	<0.22	ug/L	0.22	0.71	S-8260	07/08/1997	1009
1,4-Dichlorobenzene	<0.35	ug/L	0.35	1.1	S-8260	07/08/1997	1009
Dichlorodifluoromethane	<0.49	ug/L	0.49	1.6	S-8260	07/08/1997	1009
1,1-Dichloroethane	<0.25	ug/L	0.25	0.79	S-8260	07/08/1997	1009
1,2-Dichloroethane	<0.20	ug/L	0.20	0.63	S-8260	07/08/1997	1009
1,1-Dichloroethene	<0.73	ug/L	0.73	2.3	S-8260	07/08/1997	1009
cis-1,2-Dichloroethene	<0.23	ug/L	0.23	0.74	S-8260	07/08/1997	1009
trans-1,2-Dichloroethene	<0.39	ug/L	0.39	1.2	S-8260	07/08/1997	1009
1,2-Dichloropropane	<0.29	ug/L	0.29	0.93	S-8260	07/08/1997	1009
1,3-Dichloropropane	<0.15	ug/L	0.15	0.46	S-8260	07/08/1997	1009
2,2-Dichloropropane	<0.37	ug/L	0.37	1.2	S-8260	07/08/1997	1009
1,1-Dichloropropene	<0.63	ug/L	0.63	2.0	S-8260	07/08/1997	1009
cis-1,3-Dichloropropene	<0.17	ug/L	0.17	0.56	S-8260	07/08/1997	1009
trans-1,3-Dichloropropene	<0.13	ug/L	0.13	0.42	S-8260	07/08/1997	1009
Di-isopropyl ether	<0.13	ug/L	0.13	0.41	S-8260	07/08/1997	1009



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WDNR No. 128C53530

**ANALYTICAL REPORT**

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

07/11/1997  
Job No: 97.06142  
Sample No: 256137  
Account No: 52450  
Page 48

JOB DESCRIPTION: #1135 WDNR Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-196 #1135  
Recv'd 4.0 C

Date Taken: 06/26/1997

Date Received: 07/03/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
Ethylbenzene	<0.38	ug/L	0.38	1.2	S-8260	07/08/1997	1009
Hexachlorobutadiene	<0.37	ug/L	0.37	1.2	S-8260	07/08/1997	1009
Isopropylbenzene	<0.36	ug/L	0.36	1.1	S-8260	07/08/1997	1009
p-Isopropyltoluene	<0.35	ug/L	0.35	1.1	S-8260	07/08/1997	1009
Methylene Chloride	<0.87	ug/L	0.87	3.1	S-8260	07/08/1997	1009
Methyl-t-butyl ether	<0.14	ug/L	0.14	0.45	S-8260	07/08/1997	1009
Naphthalene	<0.35	ug/L	0.35	1.1	S-8260	07/08/1997	1009
n-Propylbenzene	<0.46	ug/L	0.46	1.5	S-8260	07/08/1997	1009
Styrene	<0.16	ug/L	0.16	0.51	S-8260	07/08/1997	1009
1,1,1,2-Tetrachloroethane	<0.11	ug/L	0.11	0.34	S-8260	07/08/1997	1009
1,1,2,2-Tetrachloroethane	<0.39	ug/L	0.39	1.3	S-8260	07/08/1997	1009
Tetrachloroethene	<0.63	ug/L	0.63	2.0	S-8260	07/08/1997	1009
Toluene	<0.39	ug/L	0.39	1.3	S-8260	07/08/1997	1009
1,2,3-Trichlorobenzene	<0.32	ug/L	0.32	1.0	S-8260	07/08/1997	1009
1,2,4-Trichlorobenzene	<0.18	ug/L	0.18	0.57	S-8260	07/08/1997	1009
1,1,1-Trichloroethane	<0.28	ug/L	0.28	0.88	S-8260	07/08/1997	1009
1,1,2-Trichloroethane	<0.15	ug/L	0.15	0.46	S-8260	07/08/1997	1009
Trichloroethene	<0.49	ug/L	0.49	1.6	S-8260	07/08/1997	1009
Trichlorofluoromethane	<0.58	ug/L	0.58	1.8	S-8260	07/08/1997	1009
1,2,3-Trichloropropane	<0.28	ug/L	0.28	0.90	S-8260	07/08/1997	1009
1,2,4-Trimethylbenzene	<0.32	ug/L	0.32	1.0	S-8260	07/08/1997	1009
1,3,5-Trimethylbenzene	<0.33	ug/L	0.33	1.0	S-8260	07/08/1997	1009
Vinyl Chloride	<0.46	ug/L	0.46	1.5	S-8260	07/08/1997	1009
Xylenes, Total	<1.1	ug/L	1.1	3.6	S-8260	07/08/1997	1009
Surr: Dibromofluoromethane	115.2	%	n/a	n/a	S-8260	07/08/1997	1009
Surr: Toluene-d8	97.2	%	n/a	n/a	S-8260	07/08/1997	1009
Surr: Bromofluorobenzene	94.2	%	n/a	n/a	S-8260	07/08/1997	1009



QUALITY CONTROL REPORT

BLANKS

07/11/1997

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

Job No: 97.06142  
Account No: 52450

Page 49

Job Description: #1135 WDNR Former American Graphics

Parameter	Prep Batch	Run Batch	Blank Result	MDL	LOQ	Units
VOC - AQUEOUS - EPA 8260						
Benzene		1009	<0.31	0.31	0.98	ug/L
Bromobenzene		1009	<0.20	0.20	0.64	ug/L
Bromochloromethane		1009	<0.32	0.32	1.0	ug/L
Bromodichloromethane		1009	<0.20	0.20	0.63	ug/L
Bromoform		1009	<0.14	0.14	0.45	ug/L
Bromomethane		1009	<0.46	0.46	1.5	ug/L
n-Butylbenzene		1009	<0.44	0.44	1.4	ug/L
sec-Butylbenzene		1009	<0.45	0.45	1.4	ug/L
tert-Butylbenzene		1009	<0.38	0.38	1.2	ug/L
Carbon Tetrachloride		1009	<0.40	0.40	1.3	ug/L
Chlorobenzene		1009	<0.22	0.22	0.69	ug/L
Chlorodibromomethane		1009	<0.10	0.10	0.33	ug/L
Chloroethane		1009	<1.2	1.2	3.9	ug/L
Chloroform		1009	<0.18	0.18	0.58	ug/L
Chloromethane		1009	<0.38	0.38	1.2	ug/L
2-Chlorotoluene		1009	<0.28	0.28	0.90	ug/L
4-Chlorotoluene		1009	<0.47	0.47	1.5	ug/L
1,2-Dibromo-3-Chloropropane		1009	<1.4	1.4	4.5	ug/L
1,2-Dibromoethane (EDB)		1009	<0.16	0.16	0.51	ug/L
Dibromomethane		1009	<0.11	0.11	0.36	ug/L
1,2-Dichlorobenzene		1009	<0.20	0.20	0.64	ug/L
1,3-Dichlorobenzene		1009	<0.22	0.22	0.71	ug/L
1,4-Dichlorobenzene		1009	<0.35	0.35	1.1	ug/L
Dichlorodifluoromethane		1009	<0.49	0.49	1.6	ug/L
1,1-Dichloroethane		1009	<0.25	0.25	0.79	ug/L
1,2-Dichloroethane		1009	<0.20	0.20	0.63	ug/L
1,1-Dichloroethene		1009	<0.73	0.73	2.3	ug/L
cis-1,2-Dichloroethene		1009	<0.23	0.23	0.74	ug/L
trans-1,2-Dichloroethene		1009	<0.39	0.39	1.2	ug/L
1,2-Dichloropropane		1009	<0.29	0.29	0.93	ug/L
1,3-Dichloropropane		1009	<0.15	0.15	0.46	ug/L
2,2-Dichloropropane		1009	<0.37	0.37	1.2	ug/L
1,1-Dichloropropene		1009	<0.63	0.63	2.0	ug/L
cis-1,3-Dichloropropene		1009	<0.17	0.17	0.56	ug/L
trans-1,3-Dichloropropene		1009	<0.13	0.13	0.42	ug/L
Di-isopropyl ether		1009	<0.13	0.13	0.41	ug/L
Ethylbenzene		1009	<0.38	0.38	1.2	ug/L
Hexachlorobutadiene		1009	<0.37	0.37	1.2	ug/L



## QUALITY CONTROL REPORT

### BLANKS

07/11/1997

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

Job No: 97.06142  
Account No: 52450

Page 50

Job Description: #1135 WDNR Former American Graphics

Parameter	Prep Batch	Run Batch	Blank Result	MDL	LOQ	Units
Isopropylbenzene		1009	<0.36	0.36	1.1	ug/L
p-Isopropyltoluene		1009	<0.35	0.35	1.1	ug/L
Methylene Chloride		1009	<0.87	0.87	3.1	ug/L
Methyl-t-butyl ether		1009	<0.14	0.14	0.45	ug/L
Naphthalene		1009	<0.35	0.35	1.1	ug/L
n-Propylbenzene		1009	<0.46	0.46	1.5	ug/L
Styrene		1009	<0.16	0.16	0.51	ug/L
1,1,1,2-Tetrachloroethane		1009	<0.11	0.11	0.34	ug/L
1,1,2,2-Tetrachloroethane		1009	<0.39	0.39	1.3	ug/L
Tetrachloroethene		1009	<0.63	0.63	2.0	ug/L
Toluene		1009	<0.39	0.39	1.3	ug/L
1,2,3-Trichlorobenzene		1009	<0.32	0.32	1.0	ug/L
1,2,4-Trichlorobenzene		1009	<0.18	0.18	0.57	ug/L
1,1,1-Trichloroethane		1009	<0.28	0.28	0.88	ug/L
1,1,2-Trichloroethane		1009	<0.15	0.15	0.46	ug/L
Trichloroethene		1009	<0.49	0.49	1.6	ug/L
Trichlorofluoromethane		1009	<0.58	0.58	1.8	ug/L
1,2,3-Trichloropropane		1009	<0.28	0.28	0.90	ug/L
1,2,4-Trimethylbenzene		1009	<0.32	0.32	1.0	ug/L
1,3,5-Trimethylbenzene		1009	<0.33	0.33	1.0	ug/L
Vinyl Chloride		1009	<0.46	0.46	1.5	ug/L
Xylenes, Total		1009	<1.1	1.1	3.6	ug/L
Surr: Dibromofluoromethane		1009	99.4	n/a	n/a	%
Surr: Toluene-d8		1009	96.0	n/a	n/a	%
Surr: Bromofluorobenzene		1009	94.4	n/a	n/a	%
VOC - AQUEOUS - EPA 8260						
Benzene		1010	<0.31	0.31	0.98	ug/L
Bromobenzene		1010	<0.20	0.20	0.64	ug/L
Bromochloromethane		1010	<0.32	0.32	1.0	ug/L
Bromodichloromethane		1010	<0.20	0.20	0.63	ug/L
Bromoform		1010	<0.14	0.14	0.45	ug/L
Bromomethane		1010	<0.46	0.46	1.5	ug/L
n-Butylbenzene		1010	<0.44	0.44	1.4	ug/L
sec-Butylbenzene		1010	<0.45	0.45	1.4	ug/L
tert-Butylbenzene		1010	<0.38	0.38	1.2	ug/L
Carbon Tetrachloride		1010	<0.40	0.40	1.3	ug/L
Chlorobenzene		1010	<0.22	0.22	0.69	ug/L
Chlorodibromomethane		1010	<0.10	0.10	0.33	ug/L
Chloroethane		1010	<1.2	1.2	3.9	ug/L



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## QUALITY CONTROL REPORT BLANKS

07/11/1997

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

Job No: 97.06142  
Account No: 52450

Page 51

Job Description: #1135 WDNR Former American Graphics

Parameter	Prep Batch	Run Batch	Blank Result	MDL	LOQ	Units
Chloroform		1010	<0.18	0.18	0.58	ug/L
Chloromethane		1010	<0.38	0.38	1.2	ug/L
2-Chlorotoluene		1010	<0.28	0.28	0.90	ug/L
4-Chlorotoluene		1010	<0.47	0.47	1.5	ug/L
1,2-Dibromo-3-Chloropropane		1010	<1.4	1.4	4.5	ug/L
1,2-Dibromoethane (EDB)		1010	<0.16	0.16	0.51	ug/L
Dibromomethane		1010	<0.11	0.11	0.36	ug/L
1,2-Dichlorobenzene		1010	<0.20	0.20	0.64	ug/L
1,3-Dichlorobenzene		1010	<0.22	0.22	0.71	ug/L
1,4-Dichlorobenzene		1010	<0.35	0.35	1.1	ug/L
Dichlorodifluoromethane		1010	<0.49	0.49	1.6	ug/L
1,1-Dichloroethane		1010	<0.25	0.25	0.79	ug/L
1,2-Dichloroethane		1010	<0.20	0.20	0.63	ug/L
1,1-Dichloroethene		1010	<0.73	0.73	2.3	ug/L
cis-1,2-Dichloroethene		1010	<0.23	0.23	0.74	ug/L
trans-1,2-Dichloroethene		1010	<0.39	0.39	1.2	ug/L
1,2-Dichloropropane		1010	<0.29	0.29	0.93	ug/L
1,3-Dichloropropane		1010	<0.15	0.15	0.46	ug/L
2,2-Dichloropropane		1010	<0.37	0.37	1.2	ug/L
1,1-Dichloropropene		1010	<0.63	0.63	2.0	ug/L
cis-1,3-Dichloropropene		1010	<0.17	0.17	0.56	ug/L
trans-1,3-Dichloropropene		1010	<0.13	0.13	0.42	ug/L
Di-isopropyl ether		1010	<0.13	0.13	0.41	ug/L
Ethylbenzene		1010	<0.38	0.38	1.2	ug/L
Hexachlorobutadiene		1010	<0.37	0.37	1.2	ug/L
Isopropylbenzene		1010	<0.36	0.36	1.1	ug/L
p-Isopropyltoluene		1010	<0.35	0.35	1.1	ug/L
Methylene Chloride		1010	<0.87	0.87	3.1	ug/L
Methyl-t-butyl ether		1010	<0.14	0.14	0.45	ug/L
Naphthalene		1010	<0.35	0.35	1.1	ug/L
n-Propylbenzene		1010	<0.46	0.46	1.5	ug/L
Styrene		1010	<0.16	0.16	0.51	ug/L
1,1,1,2-Tetrachloroethane		1010	<0.11	0.11	0.34	ug/L
1,1,2,2-Tetrachloroethane		1010	<0.39	0.39	1.3	ug/L
Tetrachloroethene		1010	<0.63	0.63	2.0	ug/L
Toluene		1010	<0.39	0.39	1.3	ug/L
1,2,3-Trichlorobenzene		1010	<0.32	0.32	1.0	ug/L
1,2,4-Trichlorobenzene		1010	<0.18	0.18	0.57	ug/L
1,1,1-Trichloroethane		1010	<0.28	0.28	0.88	ug/L



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## QUALITY CONTROL REPORT

### BLANKS

07/11/1997

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

Job No: 97.06142  
Account No: 52450

Page 52

Job Description: #1135 WDNR Former American Graphics

Parameter	Prep Batch	Run Batch	Blank Result	MDL	LOQ	Units
1,1,2-Trichloroethane		1010	<0.15	0.15	0.46	ug/L
Trichloroethene		1010	<0.49	0.49	1.6	ug/L
Trichlorofluoromethane		1010	<0.58	0.58	1.8	ug/L
1,2,3-Trichloropropane		1010	<0.28	0.28	0.90	ug/L
1,2,4-Trimethylbenzene		1010	<0.32	0.32	1.0	ug/L
1,3,5-Trimethylbenzene		1010	<0.33	0.33	1.0	ug/L
Vinyl Chloride		1010	<0.46	0.46	1.5	ug/L
Xylenes, Total		1010	<1.1	1.1	3.6	ug/L
Surr: Dibromofluoromethane		1010	104.0	n/a	n/a	%
Surr: Toluene-d8		1010	97.4	n/a	n/a	%
Surr: Bromofluorobenzene		1010	94.0	n/a	n/a	%
VOC - AQUEOUS - EPA 8260						
Benzene		1011	<0.31	0.31	0.98	ug/L
Bromobenzene		1011	<0.20	0.20	0.64	ug/L
Bromochloromethane		1011	<0.32	0.32	1.0	ug/L
Bromodichloromethane		1011	<0.20	0.20	0.63	ug/L
Bromoform		1011	<0.14	0.14	0.45	ug/L
Bromomethane		1011	<0.46	0.46	1.5	ug/L
n-Butylbenzene		1011	<0.44	0.44	1.4	ug/L
sec-Butylbenzene		1011	<0.45	0.45	1.4	ug/L
tert-Butylbenzene		1011	<0.38	0.38	1.2	ug/L
Carbon Tetrachloride		1011	<0.40	0.40	1.3	ug/L
Chlorobenzene		1011	<0.22	0.22	0.69	ug/L
Chlorodibromomethane		1011	<0.10	0.10	0.33	ug/L
Chloroethane		1011	<1.2	1.2	3.9	ug/L
Chloroform		1011	<0.18	0.18	0.58	ug/L
Chloromethane		1011	<0.38	0.38	1.2	ug/L
2-Chlorotoluene		1011	<0.28	0.28	0.90	ug/L
4-Chlorotoluene		1011	<0.47	0.47	1.5	ug/L
1,2-Dibromo-3-Chloropropane		1011	<1.4	1.4	4.5	ug/L
1,2-Dibromoethane (EDB)		1011	<0.16	0.16	0.51	ug/L
Dibromomethane		1011	<0.11	0.11	0.36	ug/L
1,2-Dichlorobenzene		1011	<0.20	0.20	0.64	ug/L
1,3-Dichlorobenzene		1011	<0.22	0.22	0.71	ug/L
1,4-Dichlorobenzene		1011	<0.35	0.35	1.1	ug/L
Dichlorodifluoromethane		1011	<0.49	0.49	1.6	ug/L
1,1-Dichloroethane		1011	<0.25	0.25	0.79	ug/L
1,2-Dichloroethane		1011	<0.20	0.20	0.63	ug/L
1,1-Dichloroethene		1011	<0.73	0.73	2.3	ug/L



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## QUALITY CONTROL REPORT

### BLANKS

07/11/1997

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

Job No: 97.06142  
Account No: 52450

Page 53

Job Description: #1135 WDNR Former American Graphics

Parameter	Prep Batch	Run Batch	Blank Result	MDL	LOQ	Units
cis-1,2-Dichloroethene		1011	<0.23	0.23	0.74	ug/L
trans-1,2-Dichloroethene		1011	<0.39	0.39	1.2	ug/L
1,2-Dichloropropane		1011	<0.29	0.29	0.93	ug/L
1,3-Dichloropropane		1011	<0.15	0.15	0.46	ug/L
2,2-Dichloropropane		1011	<0.37	0.37	1.2	ug/L
1,1-Dichloropropane		1011	<0.63	0.63	2.0	ug/L
cis-1,3-Dichloropropene		1011	<0.17	0.17	0.56	ug/L
trans-1,3-Dichloropropene		1011	<0.13	0.13	0.42	ug/L
Di-isopropyl ether		1011	<0.13	0.13	0.41	ug/L
Ethylbenzene		1011	<0.38	0.38	1.2	ug/L
Hexachlorobutadiene		1011	<0.37	0.37	1.2	ug/L
Isopropylbenzene		1011	<0.36	0.36	1.1	ug/L
p-Isopropyltoluene		1011	<0.35	0.35	1.1	ug/L
Methylene Chloride		1011	<0.87	0.87	3.1	ug/L
Methyl-t-butyl ether		1011	<0.14	0.14	0.45	ug/L
Naphthalene		1011	<0.35	0.35	1.1	ug/L
n-Propylbenzene		1011	<0.46	0.46	1.5	ug/L
Styrene		1011	<0.16	0.16	0.51	ug/L
1,1,1,2-Tetrachloroethane		1011	<0.11	0.11	0.34	ug/L
1,1,2,2-Tetrachloroethane		1011	<0.39	0.39	1.3	ug/L
Tetrachloroethene		1011	<0.63	0.63	2.0	ug/L
Toluene		1011	<0.39	0.39	1.3	ug/L
1,2,3-Trichlorobenzene		1011	<0.32	0.32	1.0	ug/L
1,2,4-Trichlorobenzene		1011	<0.18	0.18	0.57	ug/L
1,1,1-Trichloroethane		1011	<0.28	0.28	0.88	ug/L
1,1,2-Trichloroethane		1011	<0.15	0.15	0.46	ug/L
Trichloroethene		1011	<0.49	0.49	1.6	ug/L
Trichlorofluoromethane		1011	<0.58	0.58	1.8	ug/L
1,2,3-Trichloropropane		1011	<0.28	0.28	0.90	ug/L
1,2,4-Trimethylbenzene		1011	<0.32	0.32	1.0	ug/L
1,3,5-Trimethylbenzene		1011	<0.33	0.33	1.0	ug/L
Vinyl Chloride		1011	<0.46	0.46	1.5	ug/L
Xylenes, Total		1011	<1.1	1.1	3.6	ug/L
Surr: Dibromofluoromethane		1011	100.8	n/a	n/a	%
Surr: Toluene-d8		1011	95.4	n/a	n/a	%
Surr: Bromofluorobenzene		1011	91.6	n/a	n/a	%
VOC - AQUEOUS - EPA 8260						
Benzene		1012	<0.31	0.31	0.98	ug/L
Bromobenzene		1012	<0.20	0.20	0.64	ug/L





## QUALITY CONTROL REPORT

### BLANKS

07/11/1997

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

Job No: 97.06142  
Account No: 52450

Page 54

Job Description: #1135 WDNR Former American Graphics

Parameter	Prep Batch	Run Batch	Blank Result	MDL	LOQ	Units
Bromochloromethane		1012	<0.32	0.32	1.0	ug/L
Bromodichloromethane		1012	<0.20	0.20	0.63	ug/L
Bromoform		1012	<0.14	0.14	0.45	ug/L
Bromomethane		1012	<0.46	0.46	1.5	ug/L
n-Butylbenzene		1012	<0.44	0.44	1.4	ug/L
sec-Butylbenzene		1012	<0.45	0.45	1.4	ug/L
tert-Butylbenzene		1012	<0.38	0.38	1.2	ug/L
Carbon Tetrachloride		1012	<0.40	0.40	1.3	ug/L
Chlorobenzene		1012	<0.22	0.22	0.69	ug/L
Chlorodibromomethane		1012	<0.10	0.10	0.33	ug/L
Chloroethane		1012	<1.2	1.2	3.9	ug/L
Chloroform		1012	<0.18	0.18	0.58	ug/L
Chloromethane		1012	<0.38	0.38	1.2	ug/L
2-Chlorotoluene		1012	<0.28	0.28	0.90	ug/L
4-Chlorotoluene		1012	<0.47	0.47	1.5	ug/L
1,2-Dibromo-3-Chloropropane		1012	<1.4	1.4	4.5	ug/L
1,2-Dibromoethane (EDB)		1012	<0.16	0.16	0.51	ug/L
Dibromomethane		1012	<0.11	0.11	0.36	ug/L
1,2-Dichlorobenzene		1012	<0.20	0.20	0.64	ug/L
1,3-Dichlorobenzene		1012	<0.22	0.22	0.71	ug/L
1,4-Dichlorobenzene		1012	<0.35	0.35	1.1	ug/L
Dichlorodifluoromethane		1012	<0.49	0.49	1.6	ug/L
1,1-Dichloroethane		1012	<0.25	0.25	0.79	ug/L
1,2-Dichloroethane		1012	<0.20	0.20	0.63	ug/L
1,1-Dichloroethene		1012	<0.73	0.73	2.3	ug/L
cis-1,2-Dichloroethene		1012	<0.23	0.23	0.74	ug/L
trans-1,2-Dichloroethene		1012	<0.39	0.39	1.2	ug/L
1,2-Dichloropropane		1012	<0.29	0.29	0.93	ug/L
1,3-Dichloropropane		1012	<0.15	0.15	0.46	ug/L
2,2-Dichloropropane		1012	<0.37	0.37	1.2	ug/L
1,1-Dichloropropene		1012	<0.63	0.63	2.0	ug/L
cis-1,3-Dichloropropene		1012	<0.17	0.17	0.56	ug/L
trans-1,3-Dichloropropene		1012	<0.13	0.13	0.42	ug/L
Di-isopropyl ether		1012	<0.13	0.13	0.41	ug/L
Ethylbenzene		1012	<0.38	0.38	1.2	ug/L
Hexachlorobutadiene		1012	<0.37	0.37	1.2	ug/L
Isopropylbenzene		1012	<0.36	0.36	1.1	ug/L
p-Isopropyltoluene		1012	<0.35	0.35	1.1	ug/L
Methylene Chloride		1012	<0.87	0.87	3.1	ug/L



QUALITY CONTROL REPORT  
BLANKS

07/11/1997

Ms. Becky Koepke  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

Job No: 97.06142  
Account No: 52450

Page 55

Job Description: #1135 WDNR Former American Graphics

Parameter	Prep Batch	Run Batch	Blank Result	MDL	LOQ	Units
Methyl-t-butyl ether		1012	<0.14	0.14	0.45	ug/L
Naphthalene		1012	<0.35	0.35	1.1	ug/L
n-Propylbenzene		1012	<0.46	0.46	1.5	ug/L
Styrene		1012	<0.16	0.16	0.51	ug/L
1,1,1,2-Tetrachloroethane		1012	<0.11	0.11	0.34	ug/L
1,1,2,2-Tetrachloroethane		1012	<0.39	0.39	1.3	ug/L
Tetrachloroethene		1012	<0.63	0.63	2.0	ug/L
Toluene		1012	<0.39	0.39	1.3	ug/L
1,2,3-Trichlorobenzene		1012	<0.32	0.32	1.0	ug/L
1,2,4-Trichlorobenzene		1012	<0.18	0.18	0.57	ug/L
1,1,1-Trichloroethane		1012	<0.28	0.28	0.88	ug/L
1,1,2-Trichloroethane		1012	<0.15	0.15	0.46	ug/L
Trichloroethene		1012	<0.49	0.49	1.6	ug/L
Trichlorofluoromethane		1012	<0.58	0.58	1.8	ug/L
1,2,3-Trichloropropane		1012	<0.28	0.28	0.90	ug/L
1,2,4-Trimethylbenzene		1012	<0.32	0.32	1.0	ug/L
1,3,5-Trimethylbenzene		1012	<0.33	0.33	1.0	ug/L
Vinyl Chloride		1012	<0.46	0.46	1.5	ug/L
Xylenes, Total		1012	<1.1	1.1	3.6	ug/L
Surr: Dibromofluoromethane		1012	100.0	n/a	n/a	%
Surr: Toluene-d8		1012	93.8	n/a	n/a	%
Surr: Bromofluorobenzene		1012	91.4	n/a	n/a	%

CHAIN OF CUSTODY RECORD

7700143

Sample Collectors(s)/Signature(s)  
 REBECCA J. KOEPLER *Rebecca J. Koepfer*  
 LINDA M. PARISI *Linda M. Parisi*  
 JAMES W. FAUST *James W. Faust*

NATURAL RESOURCE TECHNOLOGY, INC.  
 PEWAUKEE, WISCONSIN

Laboratory Samples are Being Submitted To: NET

Quote Number/Addendum Number \_\_\_\_\_ Attached: YES \_\_\_ NO \_\_\_

Site Name: WSDNR - FORMER AMERICAN GRAPHICS  
 Site Address: GOODMAN, WISCONSIN

Send Report To: \_\_\_\_\_  
 Project Manager: Rebecca Koepfer / Tim Muehle Project Number: 1135  
 Natural Resource Technology, Inc. Task Number: 6  
 23713 W. Paul Road  
 Pewaukee, WI 53072  
 Telephone (414) 523-9000 Fax (414) 523-9001

Temperature of temperature blank 4°C  
 If sample(s) were received on ice and there was ice remaining, you may report the temperature as "received on ice". If all of the ice was melted, the temperature of the melt may be substituted for a temperature blank.

I hereby certify that I received, properly handled, and maintained custody of these samples as noted below:

Relinquished By (Signature)	Date/Time	Received By (Signature)	Date/Time	Analytical Method / Numbers	Lab Use Only		
<i>Rebecca J. Koepfer</i>		<i>James W. Faust</i>	7-1-97 1100			VOC	
<i>James W. Faust</i>	7-1-97 1210	<i>Tim Muehle</i>					
<i>Tim Muehle</i>		<i>Tim Muehle</i>					

Field ID Number	Date Collected	Time Collected	Sample		Location / Description	PID Reading	Field Comments	Preserv. Type	# of Cont.	Lab ID Number	Sample Conditions @ Laboratory
			Media	Device							
MW-01	6/25/97		GW	Packer	WELL MW-01	N/A		HCL	3		
MW-02	6/25/97				MW-02						
MW-03	6/25/97				MW-03						
PZ-101	6/25/97				PZ-101						
MW-101	6/25/97				MW-101						
MW-102	6/25/97				MW-102						
MW-103	6/25/97				MW-103						
MW-104	6/25/97				MW-104						
MW-105	6/25/97				MW-105						
PZ-102	6/25/97				PZ-102						
MW-106	6/25/97				MW-106						
PZ-103	6/25/97				PZ-103						
MW-107	6/25/97				MW-107						

SPECIAL INSTRUCTIONS

Laboratory shall retain samples for 30 days after issuing analytical report unless indicated otherwise below:  
 \_\_\_ Return \_\_\_ Other

BSL 7-1-97 13:22

CHAIN OF CUSTODY RECORD

9706/42

Sample Collector(s) Signature(s) *Rebecca J. Ogle* NATURAL RESOURCE TECHNOLOGY, INC. PEWAUKEE, WISCONSIN Laboratory Samples are Being Submitted To: NET  
 Quote Number/Addendum Number \_\_\_\_\_ Attached: YES \_\_\_ NO \_\_\_

Site Name: WDMR - former AMERICAN GEOPHYSIC Send Report To: \_\_\_\_\_ Project Manager: \_\_\_\_\_ Project Number: 1135  
 Site Address: COORDMAN, WI Natural Resource Technology, Inc. 23713 W. Paul Road Task Number: 6  
 Pewaukee, WI 53072 Telephone (414) 523-9000 Fax (414) 523-9001

Temperature of temperature blank 4°C  
 If sample(s) were received on ice and there was ice remaining, you may report the temperature as "received on ice". If all of the ice was melted, the temperature of the melt may be substituted for a temperature blank.

I hereby certify that I received, properly handled, and maintained custody of these samples as noted below:

Relinquished By (Signature)	Date/Time	Received By (Signature)	Date/Time	Analytical Method / Numbers	Lab Use Only
<i>Rebecca J. Ogle</i>		<i>King Henry</i>	7-1-97 1100		
<i>King Henry</i>	7-1-97 1210	<i>Rebecca J. Ogle</i>			

Field ID Number	Date Collected	Time Collected	Sample		Location / Description	PID Reading	Field Comments	Preserv. Type	# of Cont.	Lab ID Number	Sample Conditions @ Laboratory
			Media	Device							
MW-108	06/26/97		GL	PAULK	WELL MW-108	N/A		HCL	3		X
PZ-104	06/26/97				PZ-104						X
MW-109	06/26/97				MW-109						X
MW-110	06/26/97				MW-110						X
PZ-105	06/26/97				PZ-105						X
MW-111	06/26/97				MW-111						X
MW-112	06/26/97				MW-112						X
MW-195	06/26/97				MW-195						X
MW-196	06/26/97				MW-196						X
Trip					Trip						

100

didn't receive mw-116

BSL -1-97  
13.22

SPECIAL INSTRUCTIONS Laboratory shall retain samples for 30 days after issuing analytical report unless indicated otherwise below:  
 \_\_\_ Return \_\_\_ Other

## APPENDIX C

**APPENDIX C**

**OCTOBER 1997 LABORATORY ANALYTICAL REPORT**



NATIONAL  
ENVIRONMENTAL  
TESTING, INC.

Watertown Division  
602 Commerce Drive  
P.O. Box 288  
Watertown, WI 53094

Tel: (920) 261-1660  
Fax: (920) 261-8120  
WDNR No. 128053530

## ANALYTICAL AND QUALITY CONTROL REPORT

Mr. Tim Mueller  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

11/19/1997

Job No: 97.10471

Page 1

Enclosed are the Analytical and Quality Control reports for the following samples submitted for analysis:

Sample Number	Sample Description	Date Taken	Date Received
271117	MW-108 #1135	10/30/1997	10/31/1997
271118	PZ-104 #1135	10/30/1997	10/31/1997
271119	MW-109 #1135	10/29/1997	10/31/1997
271120	MW-110 #1135	10/29/1997	10/31/1997
271121	PZ-105 #1135	10/29/1997	10/31/1997
271122	MW-111 #1135	10/29/1997	10/31/1997
271123	MW-112 #1135	10/29/1997	10/31/1997
271124	MW-189 #1135	10/29/1997	10/31/1997
271125	MW-188 #1135	10/30/1997	10/31/1997
271126	Trip Blank #1135	10/29/1997	10/31/1997
271127	MW-1 #1135	10/30/1997	10/31/1997
271128	MW-2 #1135	10/30/1997	10/31/1997
271129	MW-3 #1135	10/30/1997	10/31/1997
271130	PZ-101 #1135	10/30/1997	10/31/1997
271131	MW-101 #1135	10/29/1997	10/31/1997

Soil results are reported on a dry weight basis. The above sample(s) may have a result flag shown on the report. The following are the result flag definitions:

A = Analyzed/extracted past hold time	B = Blank is contaminated
C = Standard outside of control limits	D = Diluted for analysis
F = Sample filtered in lab	G = Received past hold time
H = Late eluting hydrocarbons present	I = Improperly handled sample
J = Estimated concentration	L = Common lab solvent and contaminant
M = Matrix interference	P = Improperly preserved sample
Q = Result confirmed via re-analysis	S = Sediment present
T = Does not match typical pattern	W = EOD re-set due to missed dilution
X = Unidentified compound(s) present	Z = Internal standard outside limits

  
Brian D. DeJong  
Organic Operations Manager



NATIONAL  
ENVIRONMENTAL  
TESTING, INC.

Watertown Division  
602 Commerce Drive  
P.O. Box 288  
Watertown, WI 53094

Tel: (920) 261-1660  
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WDNR No. 128053530

## ANALYTICAL AND QUALITY CONTROL REPORT

Mr. Tim Mueller  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

11/19/1997

Job No: 97.10471

Page 2

Enclosed are the Analytical and Quality Control reports for the following samples submitted for analysis:

Sample Number	Sample Description	Date Taken	Date Received
271132	MW-102 #1135	10/29/1997	10/31/1997
271133	MW-103 #1135	10/29/1997	10/31/1997
271134	MW-104 #1135	10/29/1997	10/31/1997
271135	MW-105 #1135	10/30/1997	10/31/1997
271136	PZ-102 #1135	10/30/1997	10/31/1997
271137	MW-106 #1135	10/30/1997	10/31/1997
271138	PZ-103 #1135	10/30/1997	10/31/1997
271139	MW-107 #1135	10/29/1997	10/31/1997

### CASE NARRATIVE

The Ethyl Acetate results for this project have been reported as ND. This analyte was not detected by mass spectral analysis.

Select surrogate results for this project have been C-flagged. The percent recovery for these surrogates did not meet acceptance criteria.

The Toluene and 1,1,1-Trichloroethane results for sample 271129 have been J-flagged. These analytes were confirmed past hold. The 1,1,1-Trichloroethane result for sample 271125 was J-flagged. This result was confirmed on its duplicate.

Soil results are reported on a dry weight basis. The above sample(s) may have a result flag shown on the report. The following are the result flag definitions:

A = Analyzed/extracted past hold time	B = Blank is contaminated
C = Standard outside of control limits	D = Diluted for analysis
F = Sample filtered in lab	G = Received past hold time
H = Late eluting hydrocarbons present	I = Improperly handled sample
J = Estimated concentration	L = Common lab solvent and contaminant
M = Matrix interference	P = Improperly preserved sample
Q = Result confirmed via re-analysis	S = Sediment present
T = Does not match typical pattern	W = BOD re-set due to missed dilution
X = Unidentified compound(s) present	Z = Internal standard outside limits

Brian D. DeJong  
Organic Operations Manager





### ANALYTICAL REPORT

Mr. Tim Mueller  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

11/19/1997  
Job No: 97.10471  
Sample No: 271117  
Account No: 52450  
Page 3

JOB DESCRIPTION: #1135 Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-108 #1135  
Goodman, WI  
Rec'd on ice

Date Taken: 10/30/1997

Date Received: 10/31/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
VOC - AQUEOUS - EPA 8260A							
Acetone	<15	ug/L	3.0	9.7	S-8260A	11/13/1997	350
Acrolein	<16	ug/L	3.2	10	S-8260A	11/13/1997	350
Acrylonitrile	<10	ug/L	2.0	6.5	S-8260A	11/13/1997	350
Benzene	<1.6	ug/L	0.31	0.98	S-8260A	11/13/1997	350
Bromobenzene	<1.0	ug/L	0.20	0.64	S-8260A	11/13/1997	350
Bromochloromethane	<1.6	ug/L	0.32	1.0	S-8260A	11/13/1997	350
Bromodichloromethane	<1.0	ug/L	0.20	0.63	S-8260A	11/13/1997	350
Bromoform	<0.70	ug/L	0.14	0.45	S-8260A	11/13/1997	350
Bromomethane	<2.3	ug/L	0.46	1.5	S-8260A	11/13/1997	350
2-Butanone (MEK)	<10	ug/L	2.0	2.0	S-8260A	11/13/1997	350
n-Butylbenzene	<2.2	ug/L	0.44	1.4	S-8260A	11/13/1997	350
sec-Butylbenzene	<2.2	ug/L	0.45	1.4	S-8260A	11/13/1997	350
tert-Butylbenzene	<1.9	ug/L	0.38	1.2	S-8260A	11/13/1997	350
Carbon Disulfide	<5.0	ug/L	1.0	1.0	S-8260A	11/13/1997	350
Carbon Tetrachloride	<2.0	ug/L	0.40	1.3	S-8260A	11/13/1997	350
Chlorobenzene	<1.1	ug/L	0.22	0.69	S-8260A	11/13/1997	350
Chlorodibromomethane	<0.50	ug/L	0.10	0.33	S-8260A	11/13/1997	350
Chloroethane	<6.0	ug/L	1.2	3.9	S-8260A	11/13/1997	350
Chloroform	<0.90	ug/L	0.18	0.58	S-8260A	11/13/1997	350
Chloromethane	<1.9	ug/L	0.38	1.2	S-8260A	11/13/1997	350
2-Chlorotoluene	<1.4	ug/L	0.28	0.90	S-8260A	11/13/1997	350
4-Chlorotoluene	<2.4	ug/L	0.47	1.5	S-8260A	11/13/1997	350
1,2-Dibromo-3-Chloropropane	<7.0	ug/L	1.4	4.5	S-8260A	11/13/1997	350
1,2-Dibromoethane (EDB)	<0.80	ug/L	0.16	0.51	S-8260A	11/13/1997	350
Dibromomethane	<0.55	ug/L	0.11	0.36	S-8260A	11/13/1997	350
1,2-Dichlorobenzene	<1.0	ug/L	0.20	0.64	S-8260A	11/13/1997	350
1,3-Dichlorobenzene	<1.1	ug/L	0.22	0.71	S-8260A	11/13/1997	350
1,4-Dichlorobenzene	<1.9	ug/L	0.35	1.1	S-8260A	11/13/1997	350
Dichlorodifluoromethane	<2.4	ug/L	0.49	1.6	S-8260A	11/13/1997	350
1,1-Dichloroethane	2.3	ug/L	0.25	0.79	S-8260A	11/13/1997	350
1,2-Dichloroethane	<1.0	ug/L	0.20	0.63	S-8260A	11/13/1997	350
1,1-Dichloroethene	7.6	ug/L	0.73	2.3	S-8260A	11/13/1997	350
cis-1,2-Dichloroethene	<1.2	ug/L	0.23	0.74	S-8260A	11/13/1997	350
trans-1,2-Dichloroethene	<2.0	ug/L	0.39	1.2	S-8260A	11/13/1997	350
1,2-Dichloropropane	<1.4	ug/L	0.29	0.93	S-8260A	11/13/1997	350
1,3-Dichloropropane	<0.75	ug/L	0.15	0.46	S-8260A	11/13/1997	350



**NATIONAL ENVIRONMENTAL TESTING, INC.**

Watertown Division  
602 Commerce Drive  
P.O. Box 288  
Watertown, WI 53094

Tel: (920) 261-1660  
Fax: (920) 261-8120  
WDNR No. 128053530

**ANALYTICAL REPORT**

Mr. Tim Mueller  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

11/19/1997  
Job No: 97.10471  
Sample No: 271117  
Account No: 52450  
Page 4

JOB DESCRIPTION: #1135 Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-108 #1135  
Goodman, WI  
Rec'd on ice

Date Taken: 10/30/1997

Date Received: 10/31/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
2,2-Dichloropropane	<1.8	ug/L	0.37	1.2	S-8260A	11/13/1997	350
1,1-Dichloropropane	<3.2	ug/L	0.63	2.0	S-8260A	11/13/1997	350
cis-1,3-Dichloropropene	<0.85	ug/L	0.17	0.56	S-8260A	11/13/1997	350
trans-1,3-Dichloropropene	<0.65	ug/L	0.13	0.42	S-8260A	11/13/1997	350
Di-isopropyl ether	<0.65	ug/L	0.13	0.41	S-8260A	11/13/1997	350
Ethylbenzene	<1.9	ug/L	0.38	1.2	S-8260A	11/13/1997	350
Hexachlorobutadiene	<1.8	ug/L	0.37	1.2	S-8260A	11/13/1997	350
Hexane	<8.5	ug/L	1.7	5.5	S-8260A	11/13/1997	350
Isopropylbenzene	<1.8	ug/L	0.36	1.1	S-8260A	11/13/1997	350
p-Isopropyltoluene	<1.8	ug/L	0.35	1.1	S-8260A	11/13/1997	350
Methylene Chloride	<4.4	ug/L	0.87	3.1	S-8260A	11/13/1997	350
4-Methyl-2-pentanone (MIBK)	<1.8	ug/L	0.37	1.2	S-8260A	11/13/1997	350
Methyl-t-butyl ether	<0.70	ug/L	0.14	0.45	S-8260A	11/13/1997	350
Naphthalene	<1.8	ug/L	0.35	1.1	S-8260A	11/13/1997	350
n-Propylbenzene	<2.3	ug/L	0.46	1.5	S-8260A	11/13/1997	350
Styrene	<0.80	ug/L	0.16	0.51	S-8260A	11/13/1997	350
1,1,1,2-Tetrachloroethane	<0.55	ug/L	0.11	0.34	S-8260A	11/13/1997	350
1,1,2,2-Tetrachloroethane	<2.0	ug/L	0.39	1.3	S-8260A	11/13/1997	350
Tetrachloroethene	<3.2	ug/L	0.63	2.0	S-8260A	11/13/1997	350
Tetrahydrofuran	<9.5	ug/L	1.9	6.1	S-8260A	11/13/1997	350
Toluene	<2.0	ug/L	0.39	1.3	S-8260A	11/13/1997	350
1,2,3-Trichlorobenzene	<1.6	ug/L	0.32	1.0	S-8260A	11/13/1997	350
1,2,4-Trichlorobenzene	<0.90	ug/L	0.18	0.57	S-8260A	11/13/1997	350
1,1,1-Trichloroethane	290	ug/L	0.28	0.88	S-8260A	11/13/1997	350
1,1,2-Trichloroethane	<0.75	ug/L	0.15	0.46	S-8260A	11/13/1997	350
Trichloroethene	<2.4	ug/L	0.49	1.5	S-8260A	11/13/1997	350
Trichlorofluoromethane	<2.9	ug/L	0.58	1.8	S-8260A	11/13/1997	350
1,2,3-Trichloropropane	<1.4	ug/L	0.28	0.80	S-8260A	11/13/1997	350
1,2,4-Trimethylbenzene	<1.6	ug/L	0.32	1.0	S-8260A	11/13/1997	350
1,3,5-Trimethylbenzene	<1.6	ug/L	0.33	1.0	S-8260A	11/13/1997	350
Vinyl Chloride	<2.3	ug/L	0.46	1.5	S-8260A	11/13/1997	350
Xylenes, Total	<5.5	ug/L	1.1	3.6	S-8260A	11/13/1997	350
Surr: Dibromofluoromethane	103.2	%	n/a	n/a	S-8260A	11/13/1997	350
Surr: Toluene-d8	98.2	%	n/a	n/a	S-8260A	11/13/1997	350
Surr: Bromofluorobenzene	98.4	%	n/a	n/a	S-8260A	11/13/1997	350
Ethyl Acetate	ND	ug/L			S-8240	11/13/1997	1



NATIONAL  
ENVIRONMENTAL  
TESTING, INC.

Watertown Division  
602 Commerce Drive  
P.O. Box 288  
Watertown, WI 53094

Tel: (920) 261-1660  
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WDNR No. 128053530

## ANALYTICAL REPORT

Mr. Tim Mueller  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

11/19/1997  
Job No: 97.10471  
Sample No: 271118  
Account No: 52450  
Page 5

JOB DESCRIPTION: #1135 Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: PZ-104 #1135  
Goodman, WI  
Rec'd on ice

Date Taken: 10/30/1997

Date Received: 10/31/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
VOC - AQUEOUS - EPA 8260A							
Acetone	<3.0	ug/L	3.0	9.7	S-8260A	11/13/1997	350
Acrolein	<3.2	ug/L	3.2	10	S-8260A	11/13/1997	350
Acrylonitrile	<2.0	ug/L	2.0	6.5	S-8260A	11/13/1997	350
Benzene	<0.31	ug/L	0.31	0.98	S-8260A	11/13/1997	350
Bromobenzene	<0.20	ug/L	0.20	0.64	S-8260A	11/13/1997	350
Bromochloromethane	<0.32	ug/L	0.32	1.0	S-8260A	11/13/1997	350
Bromodichloromethane	<0.20	ug/L	0.20	0.63	S-8260A	11/13/1997	350
Bromoform	<0.14	ug/L	0.14	0.45	S-8260A	11/13/1997	350
Bromomethane	<0.46	ug/L	0.46	1.5	S-8260A	11/13/1997	350
2-Butanone (MEK)	<2.0	ug/L	2.0	2.0	S-8260A	11/13/1997	350
n-Butylbenzene	<0.44	ug/L	0.44	1.4	S-8260A	11/13/1997	350
sec-Butylbenzene	<0.45	ug/L	0.45	1.4	S-8260A	11/13/1997	350
tert-Butylbenzene	<0.38	ug/L	0.38	1.2	S-8260A	11/13/1997	350
Carbon Disulfide	<1.0	ug/L	1.0	1.0	S-8260A	11/13/1997	350
Carbon Tetrachloride	<0.40	ug/L	0.40	1.3	S-8260A	11/13/1997	350
Chlorobenzene	<0.22	ug/L	0.22	0.69	S-8260A	11/13/1997	350
Chlorodibromomethane	<0.10	ug/L	0.10	0.33	S-8260A	11/13/1997	350
Chloroethane	<1.2	ug/L	1.2	3.9	S-8260A	11/13/1997	350
Chloroform	<0.18	ug/L	0.18	0.58	S-8260A	11/13/1997	350
Chloromethane	<0.38	ug/L	0.38	1.2	S-8260A	11/13/1997	350
2-Chlorotoluene	<0.28	ug/L	0.28	0.90	S-8260A	11/13/1997	350
4-Chlorotoluene	<0.47	ug/L	0.47	1.5	S-8260A	11/13/1997	350
1,2-Dibromo-3-Chloropropane	<1.4	ug/L	1.4	4.5	S-8260A	11/13/1997	350
1,2-Dibromoethane (EDB)	<0.16	ug/L	0.16	0.51	S-8260A	11/13/1997	350
Dibromomethane	<0.11	ug/L	0.11	0.36	S-8260A	11/13/1997	350
1,2-Dichlorobenzene	<0.20	ug/L	0.20	0.64	S-8260A	11/13/1997	350
1,3-Dichlorobenzene	<0.22	ug/L	0.22	0.71	S-8260A	11/13/1997	350
1,4-Dichlorobenzene	<0.35	ug/L	0.35	1.1	S-8260A	11/13/1997	350
Dichlorodifluoromethane	<0.49	ug/L	0.49	1.6	S-8260A	11/13/1997	350
1,1-Dichloroethane	<0.25	ug/L	0.25	0.79	S-8260A	11/13/1997	350
1,2-Dichloroethane	<0.20	ug/L	0.20	0.63	S-8260A	11/13/1997	350
1,1-Dichloroethene	<0.73	ug/L	0.73	2.3	S-8260A	11/13/1997	350
cis-1,2-Dichloroethene	<0.23	ug/L	0.23	0.74	S-8260A	11/13/1997	350
trans-1,2-Dichloroethene	<0.39	ug/L	0.39	1.2	S-8260A	11/13/1997	350
1,2-Dichloropropane	<0.29	ug/L	0.29	0.93	S-8260A	11/13/1997	350
1,3-Dichloropropane	<0.15	ug/L	0.15	0.46	S-8260A	11/13/1997	350



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WDNR No. 128053530

**ANALYTICAL REPORT**

Mr. Tim Mueller  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

11/19/1997  
Job No: 97.10471  
Sample No: 271118  
Account No: 52450  
Page 6

JOB DESCRIPTION: #1135 Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: PZ-104 #1135  
Goodman, WI  
Rec'd on ice

Date Taken: 10/30/1997

Date Received: 10/31/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
2,2-Dichloropropane	<0.37	ug/L	0.37	1.2	S-8260A	11/13/1997	350
1,1-Dichloropropane	<0.63	ug/L	0.63	2.0	S-8260A	11/13/1997	350
cis-1,3-Dichloropropene	<0.17	ug/L	0.17	0.56	S-8260A	11/13/1997	350
trans-1,3-Dichloropropene	<0.13	ug/L	0.13	0.42	S-8260A	11/13/1997	350
Di-isopropyl ether	<0.13	ug/L	0.13	0.41	S-8260A	11/13/1997	350
Ethylbenzene	<0.38	ug/L	0.38	1.2	S-8260A	11/13/1997	350
Hexachlorobutadiene	<0.37	ug/L	0.37	1.2	S-8260A	11/13/1997	350
Hexane	<1.7	ug/L	1.7	5.5	S-8260A	11/13/1997	350
Isopropylbenzene	<0.36	ug/L	0.36	1.1	S-8260A	11/13/1997	350
p-Isopropyltoluene	<0.35	ug/L	0.35	1.1	S-8260A	11/13/1997	350
Methylene Chloride	<0.87	ug/L	0.87	3.1	S-8260A	11/13/1997	350
4-Methyl-2-pentanone (MIBK)	<0.37	ug/L	0.37	1.2	S-8260A	11/13/1997	350
Methyl-t-butyl ether	<0.14	ug/L	0.14	0.45	S-8260A	11/13/1997	350
Naphthalene	<0.35	ug/L	0.35	1.1	S-8260A	11/13/1997	350
n-Propylbenzene	<0.46	ug/L	0.46	1.5	S-8260A	11/13/1997	350
Styrene	<0.16	ug/L	0.16	0.51	S-8260A	11/13/1997	350
1,1,1,2-Tetrachloroethane	<0.11	ug/L	0.11	0.34	S-8260A	11/13/1997	350
1,1,2,2-Tetrachloroethane	<0.39	ug/L	0.39	1.3	S-8260A	11/13/1997	350
Tetrachloroethene	<0.63	ug/L	0.63	2.0	S-8260A	11/13/1997	350
Tetrahydrofuran	<1.9	ug/L	1.9	6.1	S-8260A	11/13/1997	350
Toluene	<0.39	ug/L	0.39	1.3	S-8260A	11/13/1997	350
1,2,3-Trichlorobenzene	<0.32	ug/L	0.32	1.0	S-8260A	11/13/1997	350
1,2,4-Trichlorobenzene	<0.18	ug/L	0.18	0.57	S-8260A	11/13/1997	350
1,1,1-Trichloroethane	<0.28	ug/L	0.28	0.88	S-8260A	11/13/1997	350
1,1,2-Trichloroethane	<0.15	ug/L	0.15	0.46	S-8260A	11/13/1997	350
Trichloroethene	<0.49	ug/L	0.49	1.6	S-8260A	11/13/1997	350
Trichlorofluoromethane	<0.58	ug/L	0.58	1.8	S-8260A	11/13/1997	350
1,2,3-Trichloropropane	<0.28	ug/L	0.28	0.90	S-8260A	11/13/1997	350
1,2,4-Trimethylbenzene	<0.32	ug/L	0.32	1.0	S-8260A	11/13/1997	350
1,3,5-Trimethylbenzene	<0.33	ug/L	0.33	1.0	S-8260A	11/13/1997	350
Vinyl Chloride	<0.46	ug/L	0.46	1.5	S-8260A	11/13/1997	350
Xylenes, Total	<1.1	ug/L	1.1	3.6	S-8260A	11/13/1997	350
Surr: Dibromofluoromethane	103.8	%	n/a	n/a	S-8260A	11/13/1997	350
Surr: Toluene-d3	98.4	%	n/a	n/a	S-8260A	11/13/1997	350
Surr: Bromofluorobenzene	98.2	%	n/a	n/a	S-8260A	11/13/1997	350
Ethyl Acetate	ND	ug/L			S-8240	11/13/1997	1



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## ANALYTICAL REPORT

Mr. Tim Mueller  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

11/19/1997  
Job No: 97.10471  
Sample No: 271119  
Account No: 52450  
Page 7

JOB DESCRIPTION: #1135 Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-109 #1135  
Goodman, WI  
Rec'd on ice

Date Taken: 10/29/1997

Date Received: 10/31/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
VOC - AQUEOUS - EPA 8260A							
Acetone	<3.0	ug/L	3.0	9.7	S-8260A	11/12/1997	348
Acrolein	<3.2	ug/L	3.2	10	S-8260A	11/12/1997	348
Acrylonitrile	<2.0	ug/L	2.0	6.5	S-8260A	11/12/1997	348
Benzene	<0.31	ug/L	0.31	0.98	S-8260A	11/12/1997	348
Bromobenzene	<0.20	ug/L	0.20	0.64	S-8260A	11/12/1997	348
Bromochloromethane	<0.32	ug/L	0.32	1.0	S-8260A	11/12/1997	348
Bromodichloromethane	<0.20	ug/L	0.20	0.63	S-8260A	11/12/1997	348
Bromoform	<0.14	ug/L	0.14	0.45	S-8260A	11/12/1997	348
Bromomethane	<0.46	ug/L	0.46	1.5	S-8260A	11/12/1997	348
2-Butanone (MEK)	<2.0	ug/L	2.0	2.0	S-8260A	11/12/1997	348
n-Butylbenzene	<0.44	ug/L	0.44	1.4	S-8260A	11/12/1997	348
sec-Butylbenzene	<0.45	ug/L	0.45	1.4	S-8260A	11/12/1997	348
tert-Butylbenzene	<0.38	ug/L	0.38	1.2	S-8260A	11/12/1997	348
Carbon Disulfide	<1.0	ug/L	1.0	1.0	S-8260A	11/12/1997	348
Carbon Tetrachloride	<0.40	ug/L	0.40	1.3	S-8260A	11/12/1997	348
Chlorobenzene	<0.22	ug/L	0.22	0.69	S-8260A	11/12/1997	348
Chlorodibromomethane	<0.10	ug/L	0.10	0.33	S-8260A	11/12/1997	348
Chloroethane	<1.2	ug/L	1.2	3.9	S-8260A	11/12/1997	348
Chloroform	<0.18	ug/L	0.18	0.58	S-8260A	11/12/1997	348
Chloromethane	<0.38	ug/L	0.38	1.2	S-8260A	11/12/1997	348
2-Chlorotoluene	<0.28	ug/L	0.28	0.90	S-8260A	11/12/1997	348
4-Chlorotoluene	<0.47	ug/L	0.47	1.5	S-8260A	11/12/1997	348
1,2-Dibromo-3-Chloropropane	<1.4	ug/L	1.4	4.5	S-8260A	11/12/1997	348
1,2-Dibromoethane (EDB)	<0.16	ug/L	0.16	0.51	S-8260A	11/12/1997	348
Dibromomethane	<0.11	ug/L	0.11	0.36	S-8260A	11/12/1997	348
1,2-Dichlorobenzene	<0.20	ug/L	0.20	0.64	S-8260A	11/12/1997	348
1,3-Dichlorobenzene	<0.22	ug/L	0.22	0.71	S-8260A	11/12/1997	348
1,4-Dichlorobenzene	<0.35	ug/L	0.35	1.1	S-8260A	11/12/1997	348
Dichlorodifluoromethane	<0.49	ug/L	0.49	1.6	S-8260A	11/12/1997	348
1,1-Dichloroethane	<0.25	ug/L	0.25	0.79	S-8260A	11/12/1997	348
1,2-Dichloroethane	<0.20	ug/L	0.20	0.63	S-8260A	11/12/1997	348
1,1-Dichloroethene	<0.73	ug/L	0.73	2.3	S-8260A	11/12/1997	348
cis-1,2-Dichloroethene	<0.23	ug/L	0.23	0.74	S-8260A	11/12/1997	348
trans-1,2-Dichloroethene	<0.39	ug/L	0.39	1.2	S-8260A	11/12/1997	348
1,2-Dichloropropane	<0.29	ug/L	0.29	0.93	S-8260A	11/12/1997	348
1,3-Dichloropropane	<0.15	ug/L	0.15	0.46	S-8260A	11/12/1997	348



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WDNR No. 128053530

## ANALYTICAL REPORT

Mr. Tim Mueller  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

11/19/1997  
Job No: 97.10471  
Sample No: 271119  
Account No: 52450  
Page 8

JOB DESCRIPTION: #1135 Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-109 #1135  
Goodman, WI  
Rec'd on ice

Date Taken: 10/29/1997

Date Received: 10/31/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
2,2-Dichloropropane	<0.37	ug/L	0.37	1.2	S-8260A	11/12/1997	348
1,1-Dichloropropene	<0.63	ug/L	0.63	2.0	S-8260A	11/12/1997	348
cis-1,3-Dichloropropene	<0.17	ug/L	0.17	0.56	S-8260A	11/12/1997	348
trans-1,3-Dichloropropene	<0.13	ug/L	0.13	0.42	S-8260A	11/12/1997	348
Di-isopropyl ether	<0.13	ug/L	0.13	0.41	S-8260A	11/12/1997	348
Ethylbenzene	<0.38	ug/L	0.38	1.2	S-8260A	11/12/1997	348
Hexachlorobutadiene	<0.37	ug/L	0.37	1.2	S-8260A	11/12/1997	348
Hexane	<1.7	ug/L	1.7	5.5	S-8260A	11/12/1997	348
Isopropylbenzene	<0.36	ug/L	0.36	1.1	S-8260A	11/12/1997	348
p-Isopropyltoluene	<0.35	ug/L	0.35	1.1	S-8260A	11/12/1997	348
Methylene Chloride	<0.87	ug/L	0.87	3.1	S-8260A	11/12/1997	348
4-Methyl-2-pentanone (MIBK)	<0.37	ug/L	0.37	1.2	S-8260A	11/12/1997	348
Methyl-t-butyl ether	<0.14	ug/L	0.14	0.45	S-8260A	11/12/1997	348
Naphthalene	<0.35	ug/L	0.35	1.1	S-8260A	11/12/1997	348
n-Propylbenzene	<0.46	ug/L	0.46	1.5	S-8260A	11/12/1997	348
Styrene	<0.16	ug/L	0.16	0.51	S-8260A	11/12/1997	348
1,1,1,2-Tetrachloroethane	<0.11	ug/L	0.11	0.34	S-8260A	11/12/1997	348
1,1,2,2-Tetrachloroethane	<0.39	ug/L	0.39	1.3	S-8260A	11/12/1997	348
Tetrachloroethene	<0.63	ug/L	0.63	2.0	S-8260A	11/12/1997	348
Tetrahydrofuran	<1.9	ug/L	1.9	6.1	S-8260A	11/12/1997	348
Toluene	<0.39	ug/L	0.39	1.3	S-8260A	11/12/1997	348
1,2,3-Trichlorobenzene	<0.32	ug/L	0.32	1.0	S-8260A	11/12/1997	348
1,2,4-Trichlorobenzene	<0.18	ug/L	0.18	0.57	S-8260A	11/12/1997	348
1,1,1-Trichloroethane	<0.28	ug/L	0.28	0.88	S-8260A	11/12/1997	348
1,1,2-Trichloroethane	<0.15	ug/L	0.15	0.46	S-8260A	11/12/1997	348
Trichloroethene	<0.49	ug/L	0.49	1.6	S-8260A	11/12/1997	348
Trichlorofluoromethane	<0.58	ug/L	0.58	1.8	S-8260A	11/12/1997	348
1,2,3-Trichloropropane	<0.28	ug/L	0.28	0.90	S-8260A	11/12/1997	348
1,2,4-Trimethylbenzene	<0.32	ug/L	0.32	1.0	S-8260A	11/12/1997	348
1,3,5-Trimethylbenzene	<0.33	ug/L	0.33	1.0	S-8260A	11/12/1997	348
Vinyl Chloride	<0.46	ug/L	0.46	1.5	S-8260A	11/12/1997	348
Xylenes, Total	<1.1	ug/L	1.1	3.6	S-8260A	11/12/1997	348
Surr: Dibromofluoromethane	107.6	%	n/a	n/a	S-8260A	11/12/1997	348
Surr: Toluene-d8	102.0	%	n/a	n/a	S-8260A	11/12/1997	348
Surr: Bromofluorobenzene	98.0	%	n/a	n/a	S-8260A	11/12/1997	348
Ethyl Acetate	ND	ug/L			S-8240	11/12/1997	2



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## ANALYTICAL REPORT

Mr. Tim Mueller  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

11/19/1997  
Job No: 97.10471  
Sample No: 271120  
Account No: 52450  
Page 9

JOB DESCRIPTION: #1135 Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-110 #1135  
Goodman, WI  
Rec'd on ice

Date Taken: 10/29/1997

Date Received: 10/31/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
VOC - AQUEOUS - EPA 8260A							
Acetone	<3.0	ug/L	3.0	9.7	S-8260A	11/12/1997	348
Acrolein	<3.2	ug/L	3.2	10	S-8260A	11/12/1997	348
Acrylonitrile	<2.0	ug/L	2.0	6.5	S-8260A	11/12/1997	348
Benzene	<0.31	ug/L	0.31	0.98	S-8260A	11/12/1997	348
Bromobenzene	<0.20	ug/L	0.20	0.64	S-8260A	11/12/1997	348
Bromochloromethane	<0.32	ug/L	0.32	1.0	S-8260A	11/12/1997	348
Bromodichloromethane	<0.20	ug/L	0.20	0.63	S-8260A	11/12/1997	348
Bromoform	<0.14	ug/L	0.14	0.45	S-8260A	11/12/1997	348
Bromomethane	<0.46	ug/L	0.46	1.5	S-8260A	11/12/1997	348
2-Butanone (MEK)	<2.0	ug/L	2.0	2.0	S-8260A	11/12/1997	348
n-Butylbenzene	<0.44	ug/L	0.44	1.4	S-8260A	11/12/1997	348
sec-Butylbenzene	<0.45	ug/L	0.45	1.4	S-8260A	11/12/1997	348
tert-Butylbenzene	<0.38	ug/L	0.38	1.2	S-8260A	11/12/1997	348
Carbon Disulfide	1.3	ug/L	1.0	1.0	S-8260A	11/12/1997	348
Carbon Tetrachloride	<0.40	ug/L	0.40	1.3	S-8260A	11/12/1997	348
Chlorobenzene	<0.22	ug/L	0.22	0.69	S-8260A	11/12/1997	348
Chlorodibromomethane	<0.10	ug/L	0.10	0.33	S-8260A	11/12/1997	348
Chloroethane	<1.2	ug/L	1.2	3.9	S-8260A	11/12/1997	348
Chloroform	<0.18	ug/L	0.18	0.58	S-8260A	11/12/1997	348
Chloromethane	<0.38	ug/L	0.38	1.2	S-8260A	11/12/1997	348
2-Chlorotoluene	<0.28	ug/L	0.28	0.90	S-8260A	11/12/1997	348
4-Chlorotoluene	<0.47	ug/L	0.47	1.5	S-8260A	11/12/1997	348
1,2-Dibromo-3-Chloropropane	<1.4	ug/L	1.4	4.5	S-8260A	11/12/1997	348
1,2-Dibromoethane (EDB)	<0.16	ug/L	0.16	0.51	S-8260A	11/12/1997	348
Dibromomethane	<0.11	ug/L	0.11	0.36	S-8260A	11/12/1997	348
1,2-Dichlorobenzene	<0.20	ug/L	0.20	0.64	S-8260A	11/12/1997	348
1,3-Dichlorobenzene	<0.22	ug/L	0.22	0.71	S-8260A	11/12/1997	348
1,4-Dichlorobenzene	<0.35	ug/L	0.35	1.1	S-8260A	11/12/1997	348
Dichlorodifluoromethane	<0.49	ug/L	0.49	1.6	S-8260A	11/12/1997	348
1,1-Dichloroethane	<0.25	ug/L	0.25	0.79	S-8260A	11/12/1997	348
1,2-Dichloroethane	<0.20	ug/L	0.20	0.63	S-8260A	11/12/1997	348
1,1-Dichloroethene	<0.73	ug/L	0.73	2.3	S-8260A	11/12/1997	348
cis-1,2-Dichloroethene	<0.23	ug/L	0.23	0.74	S-8260A	11/12/1997	348
trans-1,2-Dichloroethene	<0.39	ug/L	0.39	1.2	S-8260A	11/12/1997	348
1,2-Dichloropropane	<0.29	ug/L	0.29	0.93	S-8260A	11/12/1997	348
1,3-Dichloropropane	<0.15	ug/L	0.15	0.46	S-8260A	11/12/1997	348



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ANALYTICAL REPORT

Mr. Tim Mueller  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

11/19/1997  
Job No: 97.10471  
Sample No: 271120  
Account No: 52450  
Page 10

JOB DESCRIPTION: #1135 Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-110 #1135  
Goodman, WI  
Rec'd on ice

Date Taken: 10/29/1997

Date Received: 10/31/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
2,2-Dichloropropane	<0.37	ug/L	0.37	1.2	S-8260A	11/12/1997	348
1,1-Dichloropropane	<0.63	ug/L	0.63	2.0	S-8260A	11/12/1997	348
cis-1,3-Dichloropropene	<0.17	ug/L	0.17	0.56	S-8260A	11/12/1997	348
trans-1,3-Dichloropropene	<0.13	ug/L	0.13	0.42	S-8260A	11/12/1997	348
Di-isopropyl ether	<0.13	ug/L	0.13	0.41	S-8260A	11/12/1997	348
Ethylbenzene	<0.38	ug/L	0.38	1.2	S-8260A	11/12/1997	348
Hexachlorobutadiene	<0.37	ug/L	0.37	1.2	S-8260A	11/12/1997	348
Hexane	<1.7	ug/L	1.7	5.5	S-8260A	11/12/1997	348
Isopropylbenzene	<0.36	ug/L	0.36	1.1	S-8260A	11/12/1997	348
p-Isopropyltoluene	<0.35	ug/L	0.35	1.1	S-8260A	11/12/1997	348
Methylene Chloride	<0.87	ug/L	0.87	3.1	S-8260A	11/12/1997	348
4-Methyl-2-pentanone (MIBK)	<0.37	ug/L	0.37	1.2	S-8260A	11/12/1997	348
Methyl-t-butyl ether	<0.14	ug/L	0.14	0.45	S-8260A	11/12/1997	348
Naphthalene	<0.35	ug/L	0.35	1.1	S-8260A	11/12/1997	348
n-Propylbenzene	<0.46	ug/L	0.46	1.5	S-8260A	11/12/1997	348
Styrene	<0.16	ug/L	0.16	0.51	S-8260A	11/12/1997	348
1,1,1,2-Tetrachloroethane	<0.11	ug/L	0.11	0.34	S-8260A	11/12/1997	348
1,1,2,2-Tetrachloroethane	<0.39	ug/L	0.39	1.3	S-8260A	11/12/1997	348
Tetrachloroethene	<0.63	ug/L	0.63	2.0	S-8260A	11/12/1997	348
Tetrahydrofuran	<1.9	ug/L	1.9	6.1	S-8260A	11/12/1997	348
Toluene	<0.39	ug/L	0.39	1.3	S-8260A	11/12/1997	348
1,2,3-Trichlorobenzene	<0.32	ug/L	0.32	1.0	S-8260A	11/12/1997	348
1,2,4-Trichlorobenzene	<0.18	ug/L	0.18	0.57	S-8260A	11/12/1997	348
1,1,1-Trichloroethane	<0.28	ug/L	0.28	0.88	S-8260A	11/12/1997	348
1,1,2-Trichloroethane	<0.15	ug/L	0.15	0.46	S-8260A	11/12/1997	348
Trichloroethene	<0.49	ug/L	0.49	1.6	S-8260A	11/12/1997	348
Trichlorofluoromethane	<0.58	ug/L	0.58	1.8	S-8260A	11/12/1997	348
1,2,3-Trichloropropane	<0.28	ug/L	0.28	0.90	S-8260A	11/12/1997	348
1,2,4-Trimethylbenzene	<0.32	ug/L	0.32	1.0	S-8260A	11/12/1997	348
1,3,5-Trimethylbenzene	<0.33	ug/L	0.33	1.0	S-8260A	11/12/1997	348
Vinyl Chloride	<0.46	ug/L	0.46	1.5	S-8260A	11/12/1997	348
Xylenes, Total	<1.1	ug/L	1.1	3.6	S-8260A	11/12/1997	348
Surr: Dibromofluoromethane	109.0	%	n/a	n/a	S-8260A	11/12/1997	348
Surr: Toluene-d8	103.2	%	n/a	n/a	S-8260A	11/12/1997	348
Surr: Bromofluorobenzene	94.0	%	n/a	n/a	S-8260A	11/12/1997	348
Ethyl Acetate	ND	ug/L			S-8240	11/12/1997	2





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Watertown Division  
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WDNR No. 128053530

## ANALYTICAL REPORT

Mr. Tim Mueller  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

11/19/1997  
Job No: 97.10471  
Sample No: 271121  
Account No: 52450  
Page 11

JOB DESCRIPTION: #1135 Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: PZ-105 #1135  
Goodman, WI  
Rec'd on ice

Date Taken: 10/29/1997

Date Received: 10/31/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
VOC - AQUEOUS - EPA 8260A							
Acetone	<3.0	ug/L	3.0	9.7	S-8260A	11/12/1997	348
Acrolein	<3.2	ug/L	3.2	10	S-8260A	11/12/1997	348
Acrylonitrile	<2.0	ug/L	2.0	6.5	S-8260A	11/12/1997	348
Benzene	<0.31	ug/L	0.31	0.98	S-8260A	11/12/1997	348
Bromobenzene	<0.20	ug/L	0.20	0.64	S-8260A	11/12/1997	348
Bromochloromethane	<0.32	ug/L	0.32	1.0	S-8260A	11/12/1997	348
Bromodichloromethane	<0.20	ug/L	0.20	0.63	S-8260A	11/12/1997	348
Bromoform	<0.14	ug/L	0.14	0.45	S-8260A	11/12/1997	348
Bromomethane	<0.46	ug/L	0.46	1.5	S-8260A	11/12/1997	348
2-Butanone (MEK)	<2.0	ug/L	2.0	2.0	S-8260A	11/12/1997	348
n-Butylbenzene	<0.44	ug/L	0.44	1.4	S-8260A	11/12/1997	348
sec-Butylbenzene	<0.45	ug/L	0.45	1.4	S-8260A	11/12/1997	348
tert-Butylbenzene	<0.38	ug/L	0.38	1.2	S-8260A	11/12/1997	348
Carbon Disulfide	<1.0	ug/L	1.0	1.0	S-8260A	11/12/1997	348
Carbon Tetrachloride	<0.40	ug/L	0.40	1.3	S-8260A	11/12/1997	348
Chlorobenzene	<0.22	ug/L	0.22	0.69	S-8260A	11/12/1997	348
Chlorodibromomethane	<0.10	ug/L	0.10	0.33	S-8260A	11/12/1997	348
Chloroethane	<1.2	ug/L	1.2	3.9	S-8260A	11/12/1997	348
Chloroform	<0.18	ug/L	0.18	0.58	S-8260A	11/12/1997	348
Chloromethane	<0.38	ug/L	0.38	1.2	S-8260A	11/12/1997	348
2-Chlorotoluene	<0.28	ug/L	0.28	0.90	S-8260A	11/12/1997	348
4-Chlorotoluene	<0.47	ug/L	0.47	1.5	S-8260A	11/12/1997	348
1,2-Dibromo-3-Chloropropane	<1.4	ug/L	1.4	4.5	S-8260A	11/12/1997	348
1,2-Dibromoethane (EDB)	<0.16	ug/L	0.16	0.51	S-8260A	11/12/1997	348
Dibromomethane	<0.11	ug/L	0.11	0.36	S-8260A	11/12/1997	348
1,2-Dichlorobenzene	<0.20	ug/L	0.20	0.64	S-8260A	11/12/1997	348
1,3-Dichlorobenzene	<0.22	ug/L	0.22	0.71	S-8260A	11/12/1997	348
1,4-Dichlorobenzene	<0.35	ug/L	0.35	1.1	S-8260A	11/12/1997	348
Dichlorodifluoromethane	<0.49	ug/L	0.49	1.6	S-8260A	11/12/1997	348
1,1-Dichloroethane	<0.25	ug/L	0.25	0.79	S-8260A	11/12/1997	348
1,2-Dichloroethane	<0.20	ug/L	0.20	0.63	S-8260A	11/12/1997	348
1,1-Dichloroethene	<0.73	ug/L	0.73	2.3	S-8260A	11/12/1997	348
cis-1,2-Dichloroethene	<0.23	ug/L	0.23	0.74	S-8260A	11/12/1997	348
trans-1,2-Dichloroethene	<0.39	ug/L	0.39	1.2	S-8260A	11/12/1997	348
1,2-Dichloropropane	<0.29	ug/L	0.29	0.93	S-8260A	11/12/1997	348
1,3-Dichloropropane	<0.15	ug/L	0.15	0.46	S-8260A	11/12/1997	348



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## ANALYTICAL REPORT

Mr. Tim Mueller  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

11/19/1997  
Job No: 97.10471  
Sample No: 271121  
Account No: 52450  
Page 12

JOB DESCRIPTION: #1135 Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: PZ-105 #1135  
Goodman, WI  
Rec'd on ice

Date Taken: 10/29/1997

Date Received: 10/31/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
2,2-Dichloropropane	<0.37	ug/L	0.37	1.2	S-8260A	11/12/1997	348
1,1-Dichloropropane	<0.63	ug/L	0.63	2.0	S-8260A	11/12/1997	348
cis-1,3-Dichloropropene	<0.17	ug/L	0.17	0.56	S-8260A	11/12/1997	348
trans-1,3-Dichloropropene	<0.13	ug/L	0.13	0.42	S-8260A	11/12/1997	348
Di-isopropyl ether	<0.13	ug/L	0.13	0.41	S-8260A	11/12/1997	348
Ethylbenzene	<0.38	ug/L	0.38	1.2	S-8260A	11/12/1997	348
Hexachlorobutadiene	<0.37	ug/L	0.37	1.2	S-8260A	11/12/1997	348
Hexane	<1.7	ug/L	1.7	5.5	S-8260A	11/12/1997	348
Isopropylbenzene	<0.36	ug/L	0.36	1.1	S-8260A	11/12/1997	348
p-Isopropyltoluene	<0.35	ug/L	0.35	1.1	S-8260A	11/12/1997	348
Methylene Chloride	<0.87	ug/L	0.87	3.1	S-8260A	11/12/1997	348
4-Methyl-2-pentanone (MIBK)	<0.37	ug/L	0.37	1.2	S-8260A	11/12/1997	348
Methyl-t-butyl ether	<0.14	ug/L	0.14	0.45	S-8260A	11/12/1997	348
Naphthalene	<0.35	ug/L	0.35	1.1	S-8260A	11/12/1997	348
n-Propylbenzene	<0.46	ug/L	0.46	1.5	S-8260A	11/12/1997	348
Styrene	<0.16	ug/L	0.16	0.51	S-8260A	11/12/1997	348
1,1,1,2-Tetrachloroethane	<0.11	ug/L	0.11	0.34	S-8260A	11/12/1997	348
1,1,2,2-Tetrachloroethane	<0.39	ug/L	0.39	1.3	S-8260A	11/12/1997	348
Tetrachloroethene	<0.63	ug/L	0.63	2.0	S-8260A	11/12/1997	348
Tetrahydrofuran	<1.9	ug/L	1.9	6.1	S-8260A	11/12/1997	348
Toluene	<0.39	ug/L	0.39	1.3	S-8260A	11/12/1997	348
1,2,3-Trichlorobenzene	<0.32	ug/L	0.32	1.0	S-8260A	11/12/1997	348
1,2,4-Trichlorobenzene	<0.18	ug/L	0.18	0.57	S-8260A	11/12/1997	348
1,1,1-Trichloroethane	<0.28	ug/L	0.28	0.88	S-8260A	11/12/1997	348
1,1,2-Trichloroethane	<0.15	ug/L	0.15	0.46	S-8260A	11/12/1997	348
Trichloroethene	<0.49	ug/L	0.49	1.6	S-8260A	11/12/1997	348
Trichlorofluoromethane	<0.58	ug/L	0.58	1.8	S-8260A	11/12/1997	348
1,2,3-Trichloropropane	<0.28	ug/L	0.28	0.90	S-8260A	11/12/1997	348
1,2,4-Trimethylbenzene	<0.32	ug/L	0.32	1.0	S-8260A	11/12/1997	348
1,3,5-Trimethylbenzene	<0.33	ug/L	0.33	1.0	S-8260A	11/12/1997	348
Vinyl Chloride	<0.46	ug/L	0.46	1.5	S-8260A	11/12/1997	348
Xylenes, Total	<1.1	ug/L	1.1	3.6	S-8260A	11/12/1997	348
Surr: Dibromofluoromethane	108.8	%	n/a	n/a	S-8260A	11/12/1997	348
Surr: Toluene-d8	102.4	%	n/a	n/a	S-8260A	11/12/1997	348
Surr: Bromofluorobenzene	94.2	%	n/a	n/a	S-8260A	11/12/1997	348
Ethyl Acetate	ND	ug/L			S-8240	11/12/1997	2



**NATIONAL ENVIRONMENTAL TESTING, INC.**

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**ANALYTICAL REPORT**

Mr. Tim Mueller  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

11/19/1997  
Job No: 97.10471  
Sample No: 271122  
Account No: 52450  
Page 13

JOB DESCRIPTION: #1135 Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-111 #1135  
Goodman, WI  
Rec'd on ice

Date Taken: 10/29/1997

Date Received: 10/31/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
VOC - AQUEOUS - EPA 8260A							
Acetone	<3.0	ug/L	3.0	9.7	S-8260A	11/12/1997	348
Acrolein	<3.2	ug/L	3.2	10	S-8260A	11/12/1997	348
Acrylonitrile	<2.0	ug/L	2.0	6.5	S-8260A	11/12/1997	348
Benzene	<0.31	ug/L	0.31	0.98	S-8260A	11/12/1997	348
Bromobenzene	<0.20	ug/L	0.20	0.64	S-8260A	11/12/1997	348
Bromochloromethane	<0.32	ug/L	0.32	1.0	S-8260A	11/12/1997	348
Bromodichloromethane	<0.20	ug/L	0.20	0.63	S-8260A	11/12/1997	348
Bromoform	<0.14	ug/L	0.14	0.45	S-8260A	11/12/1997	348
Bromomethane	<0.46	ug/L	0.46	1.5	S-8260A	11/12/1997	348
2-Butanone (MEK)	<2.0	ug/L	2.0	2.0	S-8260A	11/12/1997	348
n-Butylbenzene	<0.44	ug/L	0.44	1.4	S-8260A	11/12/1997	348
sec-Butylbenzene	<0.45	ug/L	0.45	1.4	S-8260A	11/12/1997	348
tert-Butylbenzene	<0.38	ug/L	0.38	1.2	S-8260A	11/12/1997	348
Carbon Disulfide	<1.0	ug/L	1.0	1.0	S-8260A	11/12/1997	348
Carbon Tetrachloride	<0.40	ug/L	0.40	1.3	S-8260A	11/12/1997	348
Chlorobenzene	<0.22	ug/L	0.22	0.69	S-8260A	11/12/1997	348
Chlorodibromomethane	<0.10	ug/L	0.10	0.33	S-8260A	11/12/1997	348
Chloroethane	<1.2	ug/L	1.2	3.9	S-8260A	11/12/1997	348
Chloroform	<0.18	ug/L	0.18	0.58	S-8260A	11/12/1997	348
Chloromethane	<0.38	ug/L	0.38	1.2	S-8260A	11/12/1997	348
2-Chlorotoluene	<0.28	ug/L	0.28	0.90	S-8260A	11/12/1997	348
4-Chlorotoluene	<0.47	ug/L	0.47	1.5	S-8260A	11/12/1997	348
1,2-Dibromo-3-Chloropropane	<1.4	ug/L	1.4	4.5	S-8260A	11/12/1997	348
1,2-Dibromoethane (EDB)	<0.16	ug/L	0.16	0.51	S-8260A	11/12/1997	348
Dibromomethane	<0.11	ug/L	0.11	0.36	S-8260A	11/12/1997	348
1,2-Dichlorobenzene	<0.20	ug/L	0.20	0.64	S-8260A	11/12/1997	348
1,3-Dichlorobenzene	<0.22	ug/L	0.22	0.71	S-8260A	11/12/1997	348
1,4-Dichlorobenzene	<0.35	ug/L	0.35	1.1	S-8260A	11/12/1997	348
Dichlorodifluoromethane	<0.49	ug/L	0.49	1.6	S-8260A	11/12/1997	348
1,1-Dichloroethane	<0.25	ug/L	0.25	0.79	S-8260A	11/12/1997	348
1,2-Dichloroethane	<0.20	ug/L	0.20	0.63	S-8260A	11/12/1997	348
1,1-Dichloroethene	<0.73	ug/L	0.73	2.3	S-8260A	11/12/1997	348
cis-1,2-Dichloroethene	<0.23	ug/L	0.23	0.74	S-8260A	11/12/1997	348
trans-1,2-Dichloroethene	<0.39	ug/L	0.39	1.2	S-8260A	11/12/1997	348
1,2-Dichloropropane	<0.29	ug/L	0.29	0.93	S-8260A	11/12/1997	348
1,3-Dichloropropane	<0.15	ug/L	0.15	0.46	S-8260A	11/12/1997	348



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## ANALYTICAL REPORT

Mr. Tim Mueller  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

11/19/1997  
Job No: 97.10471  
Sample No: 271122  
Account No: 52450  
Page 14

JOB DESCRIPTION: #1135 Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-111 #1135  
Goodman, WI  
Rec'd on ice

Date Taken: 10/29/1997

Date Received: 10/31/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
2,2-Dichloropropane	<0.37	ug/L	0.37	1.2	S-8260A	11/12/1997	348
1,1-Dichloropropane	<0.63	ug/L	0.63	2.0	S-8260A	11/12/1997	348
cis-1,3-Dichloropropene	<0.17	ug/L	0.17	0.56	S-8260A	11/12/1997	348
trans-1,3-Dichloropropene	<0.13	ug/L	0.13	0.42	S-8260A	11/12/1997	348
Di-isopropyl ether	<0.13	ug/L	0.13	0.41	S-8260A	11/12/1997	348
Ethylbenzene	<0.38	ug/L	0.38	1.2	S-8260A	11/12/1997	348
Hexachlorobutadiene	<0.37	ug/L	0.37	1.2	S-8260A	11/12/1997	348
Hexane	<1.7	ug/L	1.7	5.5	S-8260A	11/12/1997	348
Isopropylbenzene	<0.36	ug/L	0.36	1.1	S-8260A	11/12/1997	348
p-Isopropyltoluene	<0.35	ug/L	0.35	1.1	S-8260A	11/12/1997	348
Methylene Chloride	L 1.0	ug/L	0.87	3.1	S-8260A	11/12/1997	348
4-Methyl-2-pentanone (MIBK)	<0.37	ug/L	0.37	1.2	S-8260A	11/12/1997	348
Methyl-t-butyl ether	<0.14	ug/L	0.14	0.45	S-8260A	11/12/1997	348
Naphthalene	<0.35	ug/L	0.35	1.1	S-8260A	11/12/1997	348
n-Propylbenzene	<0.46	ug/L	0.46	1.5	S-8260A	11/12/1997	348
Styrene	<0.16	ug/L	0.16	0.51	S-8260A	11/12/1997	348
1,1,1,2-Tetrachloroethane	<0.11	ug/L	0.11	0.34	S-8260A	11/12/1997	348
1,1,2,2-Tetrachloroethane	<0.39	ug/L	0.39	1.3	S-8260A	11/12/1997	348
Tetrachloroethene	<0.63	ug/L	0.63	2.0	S-8260A	11/12/1997	348
Tetrahydrofuran	<1.9	ug/L	1.9	6.1	S-8260A	11/12/1997	348
Toluene	<0.39	ug/L	0.39	1.3	S-8260A	11/12/1997	348
1,2,3-Trichlorobenzene	<0.32	ug/L	0.32	1.0	S-8260A	11/12/1997	348
1,2,4-Trichlorobenzene	<0.18	ug/L	0.18	0.57	S-8260A	11/12/1997	348
1,1,1-Trichloroethane	<0.28	ug/L	0.28	0.88	S-8260A	11/12/1997	348
1,1,2-Trichloroethane	<0.15	ug/L	0.15	0.46	S-8260A	11/12/1997	348
Trichloroethene	<0.49	ug/L	0.49	1.6	S-8260A	11/12/1997	348
Trichlorofluoromethane	<0.58	ug/L	0.58	1.8	S-8260A	11/12/1997	348
1,2,3-Trichloropropane	<0.28	ug/L	0.28	0.90	S-8260A	11/12/1997	348
1,2,4-Trimethylbenzene	<0.32	ug/L	0.32	1.0	S-8260A	11/12/1997	348
1,3,5-Trimethylbenzene	<0.33	ug/L	0.33	1.0	S-8260A	11/12/1997	348
Vinyl Chloride	<0.46	ug/L	0.46	1.5	S-8260A	11/12/1997	348
Xylenes, Total	<1.1	ug/L	1.1	3.6	S-8260A	11/12/1997	348
Surr: Dibromofluoromethane	108.6	%	n/a	n/a	S-8260A	11/12/1997	348
Surr: Toluene-d8	105.0	%	n/a	n/a	S-8260A	11/12/1997	348
Surr: Bromofluorobenzene	92.2	%	n/a	n/a	S-8260A	11/12/1997	348
Ethyl Acetate	ND	ug/L			S-8240	11/12/1997	2



ANALYTICAL REPORT

Mr. Tim Mueller  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

11/19/1997  
Job No: 97.10471  
Sample No: 271123  
Account No: 52450  
Page 15

JOB DESCRIPTION: #1135 Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-112 #1135  
Goodman, WI  
Rec'd on ice

Date Taken: 10/29/1997

Date Received: 10/31/1997

Parameter	Results	Units	MDL	LCQ	Method	Date Analyzed	Prep/Run Batch
VOC - AQUEOUS - EPA 8260A							
Acetone	<3.0	ug/L	3.0	9.7	S-8260A	11/12/1997	348
Acrolein	<3.2	ug/L	3.2	10	S-8260A	11/12/1997	348
Acrylonitrile	<2.0	ug/L	2.0	5.5	S-8260A	11/12/1997	348
Benzene	<0.31	ug/L	0.31	0.98	S-8260A	11/12/1997	348
Bromobenzene	<0.20	ug/L	0.20	0.64	S-8260A	11/12/1997	348
Bromochloromethane	<0.32	ug/L	0.32	1.0	S-8260A	11/12/1997	348
Bromodichloromethane	<0.20	ug/L	0.20	0.63	S-8260A	11/12/1997	348
Bromoform	<0.14	ug/L	0.14	0.45	S-8260A	11/12/1997	348
Bromomethane	<0.46	ug/L	0.46	1.5	S-8260A	11/12/1997	348
2-Butanone (MEK)	<2.0	ug/L	2.0	2.0	S-8260A	11/12/1997	348
n-Butylbenzene	<0.44	ug/L	0.44	1.4	S-8260A	11/12/1997	348
sec-Butylbenzene	<0.45	ug/L	0.45	1.4	S-8260A	11/12/1997	348
tert-Butylbenzene	<0.38	ug/L	0.38	1.2	S-8260A	11/12/1997	348
Carbon Disulfide	<1.0	ug/L	1.0	1.0	S-8260A	11/12/1997	348
Carbon Tetrachloride	<0.40	ug/L	0.40	1.3	S-8260A	11/12/1997	348
Chlorobenzene	<0.22	ug/L	0.22	0.69	S-8260A	11/12/1997	348
Chlorodibromomethane	<0.10	ug/L	0.10	0.33	S-8260A	11/12/1997	348
Chloroethane	40	ug/L	1.2	3.9	S-8260A	11/12/1997	348
Chloroform	<0.18	ug/L	0.18	0.58	S-8260A	11/12/1997	348
Chloromethane	<0.38	ug/L	0.38	1.2	S-8260A	11/12/1997	348
2-Chlorotoluene	<0.28	ug/L	0.28	0.90	S-8260A	11/12/1997	348
4-Chlorotoluene	<0.47	ug/L	0.47	1.5	S-8260A	11/12/1997	348
1,2-Dibromo-3-Chloropropane	<1.4	ug/L	1.4	4.5	S-8260A	11/12/1997	348
1,2-Dibromoethane (EDB)	<0.16	ug/L	0.16	0.51	S-8260A	11/12/1997	348
Dibromomethane	<0.11	ug/L	0.11	0.36	S-8260A	11/12/1997	348
1,2-Dichlorobenzene	<0.20	ug/L	0.20	0.64	S-8260A	11/12/1997	348
1,3-Dichlorobenzene	<0.22	ug/L	0.22	0.71	S-8260A	11/12/1997	348
1,4-Dichlorobenzene	<0.35	ug/L	0.35	1.1	S-8260A	11/12/1997	348
Dichlorodifluoromethane	<0.49	ug/L	0.49	1.6	S-8260A	11/12/1997	348
1,1-Dichloroethane	17	ug/L	0.25	0.79	S-8260A	11/12/1997	348
1,2-Dichloroethane	<0.20	ug/L	0.20	0.63	S-8260A	11/12/1997	348
1,1-Dichloroethene	1.5	ug/L	0.73	2.3	S-8260A	11/12/1997	348
cis-1,2-Dichloroethene	<0.23	ug/L	0.23	0.74	S-8260A	11/12/1997	348
trans-1,2-Dichloroethene	<0.39	ug/L	0.39	1.2	S-8260A	11/12/1997	348
1,2-Dichloropropane	<0.29	ug/L	0.29	0.93	S-8260A	11/12/1997	348
1,3-Dichloropropane	<0.15	ug/L	0.15	0.46	S-8260A	11/12/1997	348



NATIONAL ENVIRONMENTAL TESTING, INC.

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WDNR No. 128053530

## ANALYTICAL REPORT

Mr. Tim Mueller  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

11/19/1997  
Job No: 97.10471  
Sample No: 271123  
Account No: 52450  
Page 16

JOB DESCRIPTION: #1135 Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-112 #1135  
Goodman, WI  
Rec'd on ice

Date Taken: 10/29/1997

Date Received: 10/31/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
2,2-Dichloropropane	<0.37	ug/L	0.37	1.2	S-8260A	11/12/1997	348
1,1-Dichloropropane	<0.63	ug/L	0.63	2.0	S-8260A	11/12/1997	348
cis-1,3-Dichloropropene	<0.17	ug/L	0.17	0.56	S-8260A	11/12/1997	348
trans-1,3-Dichloropropene	<0.13	ug/L	0.13	0.42	S-8260A	11/12/1997	348
Di-isopropyl ether	<0.13	ug/L	0.13	0.41	S-8260A	11/12/1997	348
Ethylbenzene	<0.38	ug/L	0.38	1.2	S-8260A	11/12/1997	348
Hexachlorobutadiene	<0.37	ug/L	0.37	1.2	S-8260A	11/12/1997	348
Hexane	<1.7	ug/L	1.7	5.5	S-8260A	11/12/1997	348
Isopropylbenzene	<0.36	ug/L	0.36	1.1	S-8260A	11/12/1997	348
p-Isopropyltoluene	<0.35	ug/L	0.35	1.1	S-8260A	11/12/1997	348
Methylene Chloride	L 1.1	ug/L	0.87	3.1	S-8260A	11/12/1997	348
4-Methyl-2-pentanone (MIBK)	<0.37	ug/L	0.37	1.2	S-8260A	11/12/1997	348
Methyl-t-butyl ether	<0.14	ug/L	0.14	0.45	S-8260A	11/12/1997	348
Naphthalene	<0.35	ug/L	0.35	1.1	S-8260A	11/12/1997	348
n-Propylbenzene	<0.46	ug/L	0.46	1.5	S-8260A	11/12/1997	348
Styrene	<0.16	ug/L	0.16	0.51	S-8260A	11/12/1997	348
1,1,1,2-Tetrachloroethane	<0.11	ug/L	0.11	0.34	S-8260A	11/12/1997	348
1,1,2,2-Tetrachloroethane	<0.39	ug/L	0.39	1.3	S-8260A	11/12/1997	348
Tetrachloroethene	<0.63	ug/L	0.63	2.0	S-8260A	11/12/1997	348
Tetrahydrofuran	<1.9	ug/L	1.9	6.1	S-8260A	11/12/1997	348
Toluene	<0.39	ug/L	0.39	1.3	S-8260A	11/12/1997	348
1,2,3-Trichlorobenzene	<0.32	ug/L	0.32	1.0	S-8260A	11/12/1997	348
1,2,4-Trichlorobenzene	<0.18	ug/L	0.18	0.57	S-8260A	11/12/1997	348
1,1,1-Trichloroethane	1.1	ug/L	0.28	0.88	S-8260A	11/12/1997	348
1,1,2-Trichloroethane	<0.15	ug/L	0.15	0.46	S-8260A	11/12/1997	348
Trichloroethene	<0.49	ug/L	0.49	1.6	S-8260A	11/12/1997	348
Trichlorofluoromethane	<0.58	ug/L	0.58	1.8	S-8260A	11/12/1997	348
1,2,3-Trichloropropane	<0.28	ug/L	0.28	0.90	S-8260A	11/12/1997	348
1,2,4-Trimethylbenzene	<0.32	ug/L	0.32	1.0	S-8260A	11/12/1997	348
1,3,5-Trimethylbenzene	<0.33	ug/L	0.33	1.0	S-8260A	11/12/1997	348
Vinyl Chloride	<0.46	ug/L	0.46	1.5	S-8260A	11/12/1997	348
Xylenes, Total	<1.1	ug/L	1.1	3.6	S-8260A	11/12/1997	348
Surr: Dibromofluoromethane	107.4	%	n/a	n/a	S-8260A	11/12/1997	348
Surr: Toluene-d8	105.2	%	n/a	n/a	S-8260A	11/12/1997	348
Surr: Bromofluorobenzene	91.6	%	n/a	n/a	S-8260A	11/12/1997	348
Ethyl Acetate	ND	ug/L			S-8240	11/12/1997	2



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WDNR No. 128053530

## ANALYTICAL REPORT

Mr. Tim Mueller  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

11/19/1997  
Job No: 97.10471  
Sample No: 271124  
Account No: 52450  
Page 17

JOB DESCRIPTION: #1135 Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-189 #1135  
Goodman, WI  
Rec'd on ice

Date Taken: 10/29/1997

Date Received: 10/31/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
VOC - AQUEOUS - EPA 8260A							
Acetone	<3.0	ug/L	3.0	9.7	S-8260A	11/12/1997	348
Acrolein	<3.2	ug/L	3.2	10	S-8260A	11/12/1997	348
Acrylonitrile	<2.0	ug/L	2.0	6.5	S-8260A	11/12/1997	348
Benzene	<0.31	ug/L	0.31	0.98	S-8260A	11/12/1997	348
Bromobenzene	<0.20	ug/L	0.20	0.64	S-8260A	11/12/1997	348
Bromochloromethane	<0.32	ug/L	0.32	1.0	S-8260A	11/12/1997	348
Bromodichloromethane	<0.20	ug/L	0.20	0.63	S-8260A	11/12/1997	348
Bromoform	<0.14	ug/L	0.14	0.45	S-8260A	11/12/1997	348
Bromomethane	<0.46	ug/L	0.46	1.5	S-8260A	11/12/1997	348
2-Butanone (MEK)	<2.0	ug/L	2.0	2.0	S-8260A	11/12/1997	348
n-Butylbenzene	<0.44	ug/L	0.44	1.4	S-8260A	11/12/1997	348
sec-Butylbenzene	<0.45	ug/L	0.45	1.4	S-8260A	11/12/1997	348
tert-Butylbenzene	<0.38	ug/L	0.38	1.2	S-8260A	11/12/1997	348
Carbon Disulfide	<1.0	ug/L	1.0	1.0	S-8260A	11/12/1997	348
Carbon Tetrachloride	<0.40	ug/L	0.40	1.3	S-8260A	11/12/1997	348
Chlorobenzene	<0.22	ug/L	0.22	0.69	S-8260A	11/12/1997	348
Chlorodibromomethane	<0.10	ug/L	0.10	0.33	S-8260A	11/12/1997	348
Chloroethane	<1.2	ug/L	1.2	3.9	S-8260A	11/12/1997	348
Chloroform	0.20	ug/L	0.18	0.58	S-8260A	11/12/1997	348
Chloromethane	<0.38	ug/L	0.38	1.2	S-8260A	11/12/1997	348
2-Chlorotoluene	<0.29	ug/L	0.28	0.90	S-8260A	11/12/1997	348
4-Chlorotoluene	<0.47	ug/L	0.47	1.5	S-8260A	11/12/1997	348
1,2-Dibromo-3-Chloropropane	<1.4	ug/L	1.4	4.5	S-8260A	11/12/1997	348
1,2-Dibromoethane (EDB)	<0.16	ug/L	0.16	0.51	S-8260A	11/12/1997	348
Dibromomethane	<0.11	ug/L	0.11	0.36	S-8260A	11/12/1997	348
1,2-Dichlorobenzene	<0.20	ug/L	0.20	0.64	S-8260A	11/12/1997	348
1,3-Dichlorobenzene	<0.22	ug/L	0.22	0.71	S-8260A	11/12/1997	348
1,4-Dichlorobenzene	<0.35	ug/L	0.35	1.1	S-8260A	11/12/1997	348
Dichlorodifluoromethane	<0.49	ug/L	0.49	1.5	S-8260A	11/12/1997	348
1,1-Dichloroethane	<0.25	ug/L	0.25	0.79	S-8260A	11/12/1997	348
1,2-Dichloroethane	<0.20	ug/L	0.20	0.63	S-8260A	11/12/1997	348
1,1-Dichloroethene	4.5	ug/L	0.73	2.3	S-8260A	11/12/1997	348
cis-1,2-Dichloroethene	<0.23	ug/L	0.23	0.74	S-8260A	11/12/1997	348
trans-1,2-Dichloroethene	<0.39	ug/L	0.39	1.2	S-8260A	11/12/1997	348
1,2-Dichloropropane	<0.29	ug/L	0.29	0.93	S-8260A	11/12/1997	348
1,3-Dichloropropane	<0.15	ug/L	0.15	0.46	S-8260A	11/12/1997	348



NATIONAL ENVIRONMENTAL TESTING, INC.  
ANALYTICAL REPORT

Watertown Division  
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WDNR No. 128053530

Mr. Tim Mueller  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

11/19/1997  
Job No: 97.10471  
Sample No: 271124  
Account No: 52450  
Page 18

JOB DESCRIPTION: #1135 Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-189 #1135  
Goodman, WI  
Rec'd on ice

Date Taken: 10/29/1997

Date Received: 10/31/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
2,2-Dichloropropane	<0.37	ug/L	0.37	1.2	S-8260A	11/12/1997	348
1,1-Dichloropropane	<0.63	ug/L	0.63	2.0	S-8260A	11/12/1997	348
cis-1,3-Dichloropropene	<0.17	ug/L	0.17	0.56	S-8260A	11/12/1997	348
trans-1,3-Dichloropropene	<0.13	ug/L	0.13	0.42	S-8260A	11/12/1997	348
Di-isopropyl ether	<0.13	ug/L	0.13	0.41	S-8260A	11/12/1997	348
Ethylbenzene	<0.38	ug/L	0.38	1.2	S-8260A	11/12/1997	348
Hexachlorobutadiene	<0.37	ug/L	0.37	1.2	S-8260A	11/12/1997	348
Hexane	<1.7	ug/L	1.7	5.5	S-8260A	11/12/1997	348
Isopropylbenzene	<0.35	ug/L	0.35	1.1	S-8260A	11/12/1997	348
p-Isopropyltoluene	<0.35	ug/L	0.35	1.1	S-8260A	11/12/1997	348
Methylene Chloride	L 1.1	ug/L	0.97	3.1	S-8260A	11/12/1997	348
4-Methyl-2-pentanone (MIBK)	<0.37	ug/L	0.37	1.2	S-8260A	11/12/1997	348
Methyl-t-butyl ether	<0.14	ug/L	0.14	0.45	S-8260A	11/12/1997	348
Naphthalene	<0.35	ug/L	0.35	1.1	S-8260A	11/12/1997	348
n-Propylbenzene	<0.46	ug/L	0.46	1.5	S-8260A	11/12/1997	348
Styrene	<0.16	ug/L	0.16	0.51	S-8260A	11/12/1997	348
1,1,1,2-Tetrachloroethane	<0.11	ug/L	0.11	0.34	S-8260A	11/12/1997	348
1,1,2,2-Tetrachloroethane	<0.39	ug/L	0.39	1.3	S-8260A	11/12/1997	348
Tetrachloroethene	<0.63	ug/L	0.63	2.0	S-8260A	11/12/1997	348
Tetrahydrofuran	<1.9	ug/L	1.9	6.1	S-8260A	11/12/1997	348
Toluene	<0.39	ug/L	0.39	1.3	S-8260A	11/12/1997	348
1,2,3-Trichlorobenzene	<0.32	ug/L	0.32	1.0	S-8260A	11/12/1997	348
1,2,4-Trichlorobenzene	<0.18	ug/L	0.18	0.57	S-8260A	11/12/1997	348
1,1,1-Trichloroethane	110	ug/L	0.28	0.88	S-8260A	11/12/1997	348
1,1,2-Trichloroethane	<0.15	ug/L	0.15	0.46	S-8260A	11/12/1997	348
Trichloroethene	<0.49	ug/L	0.49	1.6	S-8260A	11/12/1997	348
Trichlorofluoromethane	<0.58	ug/L	0.58	1.8	S-8260A	11/12/1997	348
1,2,3-Trichloropropane	<0.28	ug/L	0.28	0.90	S-8260A	11/12/1997	348
1,2,4-Trimethylbenzene	<0.32	ug/L	0.32	1.0	S-8260A	11/12/1997	348
1,3,5-Trimethylbenzene	<0.33	ug/L	0.33	1.0	S-8260A	11/12/1997	348
Vinyl Chloride	<0.46	ug/L	0.46	1.5	S-8260A	11/12/1997	348
Xylenes, Total	<1.1	ug/L	1.1	3.6	S-8260A	11/12/1997	348
Surr: Dibromofluoromethane	109.2	%	n/a	n/a	S-8260A	11/12/1997	348
Surr: Toluene-d8	104.6	%	n/a	n/a	S-8260A	11/12/1997	348
Surr: Bromofluorobenzene	89.0	%	n/a	n/a	S-8260A	11/12/1997	348
Ethyl Acetate	ND	ug/L			S-8260	11/12/1997	2





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**ANALYTICAL REPORT**

Mr. Tim Mueller  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

11/19/1997  
Job No: 97.10471  
Sample No: 271125  
Account No: 52450  
Page 19

JOB DESCRIPTION: #1135 Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-188 #1135  
Goodman, WI  
Rec'd on ice

Date Taken: 10/30/1997

Date Received: 10/31/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
VOC - AQUEOUS - EPA 8260A							
Acetone	<3.0	ug/L	3.0	9.7	S-8260A	11/13/1997	350
Acrolein	<3.2	ug/L	3.2	10	S-8260A	11/13/1997	350
Acrylonitrile	<2.0	ug/L	2.0	6.5	S-8260A	11/13/1997	350
Benzene	<0.31	ug/L	0.31	0.98	S-8260A	11/13/1997	350
Bromobenzene	<0.20	ug/L	0.20	0.64	S-8260A	11/13/1997	350
Bromochloromethane	<0.32	ug/L	0.32	1.0	S-8260A	11/13/1997	350
Bromodichloromethane	<0.20	ug/L	0.20	0.63	S-8260A	11/13/1997	350
Bromoform	<0.14	ug/L	0.14	0.45	S-8260A	11/13/1997	350
Bromomethane	<0.46	ug/L	0.46	1.5	S-8260A	11/13/1997	350
2-Butanone (MEK)	<2.0	ug/L	2.0	2.0	S-8260A	11/13/1997	350
n-Butylbenzene	<0.44	ug/L	0.44	1.4	S-8260A	11/13/1997	350
sec-Butylbenzene	<0.45	ug/L	0.45	1.4	S-8260A	11/13/1997	350
tert-Butylbenzene	<0.38	ug/L	0.38	1.2	S-8260A	11/13/1997	350
Carbon Disulfide	<1.0	ug/L	1.0	1.0	S-8260A	11/13/1997	350
Carbon Tetrachloride	<0.40	ug/L	0.40	1.3	S-8260A	11/13/1997	350
Chlorobenzene	<0.22	ug/L	0.22	0.69	S-8260A	11/13/1997	350
Chlorodibromomethane	<0.10	ug/L	0.10	0.33	S-8260A	11/13/1997	350
Chloroethane	<1.2	ug/L	1.2	3.9	S-8260A	11/13/1997	350
Chloroform	<0.18	ug/L	0.18	0.58	S-8260A	11/13/1997	350
Chloromethane	<0.38	ug/L	0.38	1.2	S-8260A	11/13/1997	350
2-Chlorotoluene	<0.28	ug/L	0.28	0.90	S-8260A	11/13/1997	350
4-Chlorotoluene	<0.47	ug/L	0.47	1.5	S-8260A	11/13/1997	350
1,2-Dibromo-3-Chloropropane	<1.4	ug/L	1.4	4.5	S-8260A	11/13/1997	350
1,2-Dibromoethane (EDB)	<0.16	ug/L	0.16	0.51	S-8260A	11/13/1997	350
Dibromomethane	<0.11	ug/L	0.11	0.36	S-8260A	11/13/1997	350
1,2-Dichlorobenzene	<0.20	ug/L	0.20	0.64	S-8260A	11/13/1997	350
1,3-Dichlorobenzene	<0.22	ug/L	0.22	0.71	S-8260A	11/13/1997	350
1,4-Dichlorobenzene	<0.35	ug/L	0.35	1.1	S-8260A	11/13/1997	350
Dichlorodifluoromethane	<0.49	ug/L	0.49	1.6	S-8260A	11/13/1997	350
1,1-Dichloroethane	3.9	ug/L	0.25	0.79	S-8260A	11/13/1997	350
1,2-Dichloroethane	<0.20	ug/L	0.20	0.63	S-8260A	11/13/1997	350
1,1-Dichloroethene	9.3	ug/L	0.73	2.3	S-8260A	11/13/1997	350
cis-1,2-Dichloroethene	1.3	ug/L	0.23	0.74	S-8260A	11/13/1997	350
trans-1,2-Dichloroethene	<0.39	ug/L	0.39	1.2	S-8260A	11/13/1997	350
1,2-Dichloropropane	<0.29	ug/L	0.29	0.93	S-8260A	11/13/1997	350
1,3-Dichloropropane	<0.15	ug/L	0.15	0.46	S-8260A	11/13/1997	350



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WDNR No. 128053530

## ANALYTICAL REPORT

Mr. Tim Mueller  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

11/19/1997  
Job No: 97.10471  
Sample No: 271125  
Account No: 52450  
Page 20

JOB DESCRIPTION: #1135 Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-188 #1135  
Goodman, WI  
Rec'd on ice

Date Taken: 10/30/1997

Date Received: 10/31/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
2,2-Dichloropropane	<0.37	ug/L	0.37	1.2	S-8260A	11/13/1997	350
1,1-Dichloropropane	<0.63	ug/L	0.63	2.0	S-8260A	11/13/1997	350
cis-1,3-Dichloropropene	<0.17	ug/L	0.17	0.56	S-8260A	11/13/1997	350
trans-1,3-Dichloropropene	<0.13	ug/L	0.13	0.42	S-8260A	11/13/1997	350
Di-isopropyl ether	<0.13	ug/L	0.13	0.41	S-8260A	11/13/1997	350
Ethylbenzene	<0.38	ug/L	0.38	1.2	S-8260A	11/13/1997	350
Hexachlorobutadiene	<0.37	ug/L	0.37	1.2	S-8260A	11/13/1997	350
Hexane	<1.7	ug/L	1.7	5.5	S-8260A	11/13/1997	350
Isopropylbenzene	<0.36	ug/L	0.36	1.1	S-8260A	11/13/1997	350
p-Isopropyltoluene	<0.35	ug/L	0.35	1.1	S-8260A	11/13/1997	350
Methylene Chloride	<0.87	ug/L	0.87	3.1	S-8260A	11/13/1997	350
4-Methyl-2-pentanone (MIBK)	<0.37	ug/L	0.37	1.2	S-8260A	11/13/1997	350
Methyl-t-butyl ether	<0.14	ug/L	0.14	0.45	S-8260A	11/13/1997	350
Naphthalene	<0.35	ug/L	0.35	1.1	S-8260A	11/13/1997	350
n-Propylbenzene	<0.46	ug/L	0.46	1.5	S-8260A	11/13/1997	350
Styrene	<0.16	ug/L	0.16	0.51	S-8260A	11/13/1997	350
1,1,1,2-Tetrachloroethane	<0.11	ug/L	0.11	0.34	S-8260A	11/13/1997	350
1,1,2,2-Tetrachloroethane	<0.39	ug/L	0.39	1.3	S-8260A	11/13/1997	350
Tetrachloroethene	<0.63	ug/L	0.63	2.0	S-8260A	11/13/1997	350
Tetrahydrofuran	<1.9	ug/L	1.9	6.1	S-8260A	11/13/1997	350
Toluene	<0.39	ug/L	0.39	1.3	S-8260A	11/13/1997	350
1,2,3-Trichlorobenzene	<0.32	ug/L	0.32	1.0	S-8260A	11/13/1997	350
1,2,4-Trichlorobenzene	<0.18	ug/L	0.18	0.57	S-8260A	11/13/1997	350
1,1,1-Trichloroethane	J 420	ug/L	0.28	0.88	S-8260A	11/13/1997	350
1,1,2-Trichloroethane	<0.15	ug/L	0.15	0.46	S-8260A	11/13/1997	350
Trichloroethene	<0.49	ug/L	0.49	1.6	S-8260A	11/13/1997	350
Trichlorofluoromethane	<0.58	ug/L	0.58	1.8	S-8260A	11/13/1997	350
1,2,3-Trichloropropane	<0.28	ug/L	0.28	0.90	S-8260A	11/13/1997	350
1,2,4-Trimethylbenzene	<0.32	ug/L	0.32	1.0	S-8260A	11/13/1997	350
1,3,5-Trimethylbenzene	<0.33	ug/L	0.33	1.0	S-8260A	11/13/1997	350
Vinyl Chloride	<0.46	ug/L	0.46	1.5	S-8260A	11/13/1997	350
Xylenes, Total	<1.1	ug/L	1.1	3.6	S-8260A	11/13/1997	350
Surr: Dibromofluoromethane	115.4	%	n/a	n/a	S-8260A	11/13/1997	350
Surr: Toluene-d8	103.0	%	n/a	n/a	S-8260A	11/13/1997	350
Surr: Bromofluorobenzene	96.0	%	n/a	n/a	S-8260A	11/13/1997	350
Ethyl Acetate	ND	ug/L			S-8240	11/13/1997	1
Methanol	<10	ug/L	10	10	S-8240	11/07/1997	2



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WDNR No. 128053530

## ANALYTICAL REPORT

Mr. Tim Mueller  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

11/19/1997  
Job No: 97.10471  
Sample No: 271126  
Account No: 52450  
Page 21

JOB DESCRIPTION: #1135 Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: Trip Blank #1135  
Goodman, WI  
Rec'd on ice

Date Taken: 10/29/1997

Date Received: 10/31/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
VOC - AQUEOUS - EPA 8260A							
Acetone	L 8.4	ug/L	3.0	9.7	S-8260A	11/12/1997	348
Acrolein	<3.2	ug/L	3.2	10	S-8260A	11/12/1997	348
Acrylonitrile	<2.0	ug/L	2.0	6.5	S-8260A	11/12/1997	348
Benzene	<0.31	ug/L	0.31	0.98	S-8260A	11/12/1997	348
Bromobenzene	<0.20	ug/L	0.20	0.64	S-8260A	11/12/1997	348
Bromochloromethane	<0.32	ug/L	0.32	1.0	S-8260A	11/12/1997	348
Bromodichloromethane	<0.20	ug/L	0.20	0.63	S-8260A	11/12/1997	348
Bromoform	<0.14	ug/L	0.14	0.45	S-8260A	11/12/1997	348
Bromomethane	<0.46	ug/L	0.46	1.5	S-8260A	11/12/1997	348
2-Butanone (MEK)	<2.0	ug/L	2.0	2.0	S-8260A	11/12/1997	348
n-Butylbenzene	<0.44	ug/L	0.44	1.4	S-8260A	11/12/1997	348
sec-Butylbenzene	<0.45	ug/L	0.45	1.4	S-8260A	11/12/1997	348
tert-Butylbenzene	<0.38	ug/L	0.38	1.2	S-8260A	11/12/1997	348
Carbon Disulfide	<1.0	ug/L	1.0	1.0	S-8260A	11/12/1997	348
Carbon Tetrachloride	<0.40	ug/L	0.40	1.3	S-8260A	11/12/1997	348
Chlorobenzene	<0.22	ug/L	0.22	0.69	S-8260A	11/12/1997	348
Chlorodibromomethane	<0.10	ug/L	0.10	0.33	S-8260A	11/12/1997	348
Chloroethane	<1.2	ug/L	1.2	3.9	S-8260A	11/12/1997	348
Chloroform	<0.18	ug/L	0.18	0.58	S-8260A	11/12/1997	348
Chloromethane	<0.38	ug/L	0.38	1.2	S-8260A	11/12/1997	348
2-Chlorotoluene	<0.28	ug/L	0.28	0.90	S-8260A	11/12/1997	348
4-Chlorotoluene	<0.47	ug/L	0.47	1.5	S-8260A	11/12/1997	348
1,2-Dibromo-3-Chloropropane	<1.4	ug/L	1.4	4.5	S-8260A	11/12/1997	348
1,2-Dibromoethane (EDB)	<0.16	ug/L	0.16	0.51	S-8260A	11/12/1997	348
Dibromomethane	<0.11	ug/L	0.11	0.36	S-8260A	11/12/1997	348
1,2-Dichlorobenzene	<0.20	ug/L	0.20	0.64	S-8260A	11/12/1997	348
1,3-Dichlorobenzene	<0.22	ug/L	0.22	0.71	S-8260A	11/12/1997	348
1,4-Dichlorobenzene	<0.35	ug/L	0.35	1.1	S-8260A	11/12/1997	348
Dichlorodifluoromethane	<0.49	ug/L	0.49	1.6	S-8260A	11/12/1997	348
1,1-Dichloroethane	<0.25	ug/L	0.25	0.79	S-8260A	11/12/1997	348
1,2-Dichloroethane	<0.20	ug/L	0.20	0.63	S-8260A	11/12/1997	348
1,1-Dichloroethene	<0.73	ug/L	0.73	2.3	S-8260A	11/12/1997	348
cis-1,2-Dichloroethene	<0.23	ug/L	0.23	0.74	S-8260A	11/12/1997	348
trans-1,2-Dichloroethene	<0.39	ug/L	0.39	1.2	S-8260A	11/12/1997	348
1,2-Dichloropropane	<0.29	ug/L	0.29	0.93	S-8260A	11/12/1997	348
1,3-Dichloropropane	<0.15	ug/L	0.15	0.46	S-8260A	11/12/1997	348



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WDNR No. 128053530

## ANALYTICAL REPORT

Mr. Tim Mueller  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

11/19/1997  
Job No: 97.10471  
Sample No: 271126  
Account No: 52450  
Page 22

JOB DESCRIPTION: #1135 Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: Trip Blank #1135  
Goodman, WI  
Rec'd on ice

Date Taken: 10/29/1997

Date Received: 10/31/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
2,2-Dichloropropane	<0.37	ug/L	0.37	1.2	S-8260A	11/12/1997	348
1,1-Dichloropropane	<0.63	ug/L	0.63	2.0	S-8260A	11/12/1997	348
cis-1,3-Dichloropropene	<0.17	ug/L	0.17	0.56	S-8260A	11/12/1997	348
trans-1,3-Dichloropropene	<0.13	ug/L	0.13	0.42	S-8260A	11/12/1997	348
Di-isopropyl ether	<0.13	ug/L	0.13	0.41	S-8260A	11/12/1997	348
Ethylbenzene	<0.38	ug/L	0.38	1.2	S-8260A	11/12/1997	348
Hexachlorobutadiene	<0.37	ug/L	0.37	1.2	S-8260A	11/12/1997	348
Hexane	<1.7	ug/L	1.7	5.5	S-8260A	11/12/1997	348
Isopropylbenzene	<0.36	ug/L	0.36	1.1	S-8260A	11/12/1997	348
p-Isopropyltoluene	<0.35	ug/L	0.35	1.1	S-8260A	11/12/1997	348
Methylene Chloride	L 3.8	ug/L	0.87	3.1	S-8260A	11/12/1997	348
4-Methyl-2-pentanone (MIBK)	<0.37	ug/L	0.37	1.2	S-8260A	11/12/1997	348
Methyl-t-butyl ether	<0.14	ug/L	0.14	0.45	S-8260A	11/12/1997	348
Naphthalene	<0.35	ug/L	0.35	1.1	S-8260A	11/12/1997	348
n-Propylbenzene	<0.46	ug/L	0.46	1.5	S-8260A	11/12/1997	348
Styrene	<0.16	ug/L	0.16	0.51	S-8260A	11/12/1997	348
1,1,1,2-Tetrachloroethane	<0.11	ug/L	0.11	0.34	S-8260A	11/12/1997	348
1,1,2,2-Tetrachloroethane	<0.39	ug/L	0.39	1.3	S-8260A	11/12/1997	348
Tetrachloroethene	<0.63	ug/L	0.63	2.0	S-8260A	11/12/1997	348
Tetrahydrofuran	<1.9	ug/L	1.9	6.1	S-8260A	11/12/1997	348
Toluene	<0.39	ug/L	0.39	1.3	S-8260A	11/12/1997	348
1,2,3-Trichlorobenzene	<0.32	ug/L	0.32	1.0	S-8260A	11/12/1997	348
1,2,4-Trichlorobenzene	<0.18	ug/L	0.18	0.57	S-8260A	11/12/1997	348
1,1,1-Trichloroethane	<0.28	ug/L	0.28	0.88	S-8260A	11/12/1997	348
1,1,2-Trichloroethane	<0.15	ug/L	0.15	0.46	S-8260A	11/12/1997	348
Trichloroethene	<0.49	ug/L	0.49	1.6	S-8260A	11/12/1997	348
Trichlorofluoromethane	<0.58	ug/L	0.58	1.8	S-8260A	11/12/1997	348
1,2,3-Trichloropropane	<0.28	ug/L	0.28	0.90	S-8260A	11/12/1997	348
1,2,4-Trimethylbenzene	<0.32	ug/L	0.32	1.0	S-8260A	11/12/1997	348
1,3,5-Trimethylbenzene	<0.33	ug/L	0.33	1.0	S-8260A	11/12/1997	348
Vinyl Chloride	<0.46	ug/L	0.46	1.5	S-8260A	11/12/1997	348
Xylenes, Total	<1.1	ug/L	1.1	3.6	S-8260A	11/12/1997	348
Surr: Dibromofluoromethane	109.2	%	n/a	n/a	S-8260A	11/12/1997	348
Surr: Toluene-d8	103.4	%	n/a	n/a	S-8260A	11/12/1997	348
Surr: Bromofluorobenzene	86.2	%	n/a	n/a	S-8260A	11/12/1997	348
Ethyl Acetate	ND	ug/L			S-8240	11/12/1997	2



### ANALYTICAL REPORT

Mr. Tim Mueller  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

11/19/1997  
Job No: 97.10471  
Sample No: 271127  
Account No: 52450  
Page 23

JOB DESCRIPTION: #1135 Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-1 #1135  
Goodman, WI  
Rec'd on ice

Date Taken: 10/30/1997

Date Received: 10/31/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
VOC - AQUEOUS - EPA 8260A							
Acetone	<15	ug/L	3.0	9.7	S-8260A	11/13/1997	350
Acrolein	<16	ug/L	3.2	10	S-8260A	11/13/1997	350
Acrylonitrile	<10	ug/L	2.0	6.5	S-8260A	11/13/1997	350
Benzene	<1.6	ug/L	0.31	0.98	S-8260A	11/13/1997	350
Bromobenzene	<1.0	ug/L	0.20	0.64	S-8260A	11/13/1997	350
Bromochloromethane	<1.6	ug/L	0.32	1.0	S-8260A	11/13/1997	350
Bromodichloromethane	<1.0	ug/L	0.20	0.63	S-8260A	11/13/1997	350
Bromoform	<0.70	ug/L	0.14	0.45	S-8260A	11/13/1997	350
Bromomethane	<2.3	ug/L	0.46	1.5	S-8260A	11/13/1997	350
2-Butanone (MEK)	<10	ug/L	2.0	2.0	S-8260A	11/13/1997	350
n-Butylbenzene	<2.2	ug/L	0.44	1.4	S-8260A	11/13/1997	350
sec-Butylbenzene	<2.2	ug/L	0.45	1.4	S-8260A	11/13/1997	350
tert-Butylbenzene	<1.9	ug/L	0.38	1.2	S-8260A	11/13/1997	350
Carbon Disulfide	<5.0	ug/L	1.0	1.0	S-8260A	11/13/1997	350
Carbon Tetrachloride	<2.0	ug/L	0.40	1.3	S-8260A	11/13/1997	350
Chlorobenzene	<1.1	ug/L	0.22	0.69	S-8260A	11/13/1997	350
Chlorodibromomethane	<0.50	ug/L	0.10	0.33	S-8260A	11/13/1997	350
Chloroethane	<6.0	ug/L	1.2	3.9	S-8260A	11/13/1997	350
Chloroform	<0.90	ug/L	0.18	0.58	S-8260A	11/13/1997	350
Chloromethane	<1.9	ug/L	0.38	1.2	S-8260A	11/13/1997	350
2-Chlorotoluene	<1.4	ug/L	0.28	0.90	S-8260A	11/13/1997	350
4-Chlorotoluene	<2.4	ug/L	0.47	1.5	S-8260A	11/13/1997	350
1,2-Dibromo-3-Chloropropane	<7.0	ug/L	1.4	4.5	S-8250A	11/13/1997	350
1,2-Dibromoethane (EDB)	<0.80	ug/L	0.16	0.51	S-8260A	11/13/1997	350
Dibromomethane	<0.55	ug/L	0.11	0.36	S-8260A	11/13/1997	350
1,2-Dichlorobenzene	<1.0	ug/L	0.20	0.64	S-8260A	11/13/1997	350
1,3-Dichlorobenzene	<1.1	ug/L	0.22	0.71	S-8260A	11/13/1997	350
1,4-Dichlorobenzene	<1.8	ug/L	0.35	1.1	S-8260A	11/13/1997	350
Dichlorodifluoromethane	<2.4	ug/L	0.49	1.6	S-8260A	11/13/1997	350
1,1-Dichloroethane	3.5	ug/L	0.25	0.79	S-8260A	11/13/1997	350
1,2-Dichloroethane	<1.0	ug/L	0.20	0.63	S-8260A	11/13/1997	350
1,1-Dichloroethene	6.6	ug/L	0.73	2.3	S-8260A	11/13/1997	350
cis-1,2-Dichloroethene	<1.2	ug/L	0.23	0.74	S-8260A	11/13/1997	350
trans-1,2-Dichloroethene	<2.0	ug/L	0.39	1.2	S-8260A	11/13/1997	350
1,2-Dichloropropane	<1.4	ug/L	0.29	0.93	S-8260A	11/13/1997	350
1,3-Dichloropropane	<0.75	ug/L	0.15	0.46	S-8260A	11/13/1997	350



ANALYTICAL REPORT

Mr. Tim Mueller  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

11/19/1997  
Job No: 97.10471  
Sample No: 271127  
Account No: 52450  
Page 24

JOB DESCRIPTION: #1135 Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-1 #1135  
Goodman, WI  
Rec'd on ice

Date Taken: 10/30/1997

Date Received: 10/31/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
2,2-Dichloropropane	<1.8	ug/L	0.37	1.2	S-8260A	11/13/1997	350
1,1-Dichloropropane	<3.2	ug/L	0.63	2.0	S-8260A	11/13/1997	350
cis-1,3-Dichloropropene	<0.85	ug/L	0.17	0.56	S-8260A	11/13/1997	350
trans-1,3-Dichloropropene	<0.65	ug/L	0.13	0.42	S-8260A	11/13/1997	350
Di-isopropyl ether	<0.65	ug/L	0.13	0.41	S-8260A	11/13/1997	350
Ethylbenzene	<1.9	ug/L	0.38	1.2	S-8260A	11/13/1997	350
Hexachlorobutadiene	<1.8	ug/L	0.37	1.2	S-8260A	11/13/1997	350
Hexane	<8.5	ug/L	1.7	5.5	S-8260A	11/13/1997	350
Isopropylbenzene	<1.8	ug/L	0.36	1.1	S-8260A	11/13/1997	350
p-Isopropyltoluene	<1.8	ug/L	0.35	1.1	S-8260A	11/13/1997	350
Methylene Chloride	<4.4	ug/L	0.87	3.1	S-8260A	11/13/1997	350
4-Methyl-2-pentanone (MIBK)	<1.8	ug/L	0.37	1.2	S-8260A	11/13/1997	350
Methyl-t-butyl ether	<0.70	ug/L	0.14	0.45	S-8260A	11/13/1997	350
Naphthalene	<1.8	ug/L	0.35	1.1	S-8260A	11/13/1997	350
n-Propylbenzene	<2.3	ug/L	0.46	1.5	S-8260A	11/13/1997	350
Styrene	<0.80	ug/L	0.16	0.51	S-8260A	11/13/1997	350
1,1,1,2-Tetrachloroethane	<0.55	ug/L	0.11	0.34	S-8260A	11/13/1997	350
1,1,2,2-Tetrachloroethane	<2.0	ug/L	0.39	1.3	S-8260A	11/13/1997	350
Tetrachloroethene	<3.2	ug/L	0.63	2.0	S-8260A	11/13/1997	350
Tetrahydrofuran	<9.5	ug/L	1.9	6.1	S-8260A	11/13/1997	350
Toluene	<2.0	ug/L	0.39	1.3	S-8260A	11/13/1997	350
1,2,3-Trichlorobenzene	<1.6	ug/L	0.32	1.0	S-8260A	11/13/1997	350
1,2,4-Trichlorobenzene	<0.90	ug/L	0.18	0.57	S-8260A	11/13/1997	350
1,1,1-Trichloroethane	400	ug/L	0.28	0.86	S-8260A	11/13/1997	350
1,1,2-Trichloroethane	<0.75	ug/L	0.15	0.46	S-8260A	11/13/1997	350
Trichloroethene	<2.4	ug/L	0.49	1.6	S-8260A	11/13/1997	350
Trichlorofluoromethane	<2.9	ug/L	0.58	1.9	S-8260A	11/13/1997	350
1,2,3-Trichloropropane	<1.4	ug/L	0.28	0.90	S-8260A	11/13/1997	350
1,2,4-Trimethylbenzene	<1.6	ug/L	0.32	1.0	S-8260A	11/13/1997	350
1,3,5-Trimethylbenzene	<1.6	ug/L	0.33	1.0	S-8260A	11/13/1997	350
Vinyl Chloride	<2.3	ug/L	0.46	1.5	S-8260A	11/13/1997	350
Xylenes, Total	<5.5	ug/L	1.1	3.6	S-8260A	11/13/1997	350
Surr: Dibromofluoromethane	103.4	%	n/a	n/a	S-8260A	11/13/1997	350
Surr: Toluene-d8	98.8	%	n/a	n/a	S-8260A	11/13/1997	350
Surr: Bromofluorobenzene	98.4	%	n/a	n/a	S-8260A	11/13/1997	350
Ethyl Acetate	ND	ug/L			S-8240	11/13/1997	1
Methanol	<10	ug/L	10	10	S-8240	11/07/1997	2



NATIONAL  
ENVIRONMENTAL  
TESTING, INC.

Watertown Division  
602 Commerce Drive  
P.O. Box 288  
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Tel: (920) 261-1660  
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WDNR No. 128053530

## ANALYTICAL REPORT

Mr. Tim Mueller  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

11/19/1997  
Job No: 97.10471  
Sample No: 271128  
Account No: 52450  
Page 25

JOB DESCRIPTION: #1135 Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-2 #1135  
Goodman, WI  
Rec'd on ice

Date Taken: 10/30/1997

Date Received: 10/31/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
VOC - AQUEOUS - EPA 8260A							
Acetone	<6.0	ug/L	3.0	9.7	S-8260A	11/13/1997	350
Acrolein	<6.4	ug/L	3.2	10	S-8260A	11/13/1997	350
Acrylonitrile	<4.0	ug/L	2.0	6.5	S-8260A	11/13/1997	350
Benzene	<0.62	ug/L	0.31	0.98	S-8260A	11/13/1997	350
Bromobenzene	<0.40	ug/L	0.20	0.64	S-8260A	11/13/1997	350
Bromochloromethane	<0.64	ug/L	0.32	1.0	S-8260A	11/13/1997	350
Bromodichloromethane	<0.40	ug/L	0.20	0.63	S-8260A	11/13/1997	350
Bromoform	<0.28	ug/L	0.14	0.45	S-8260A	11/13/1997	350
Bromomethane	<0.92	ug/L	0.46	1.5	S-8260A	11/13/1997	350
2-Butanone (MEK)	<4.0	ug/L	2.0	2.0	S-8260A	11/13/1997	350
n-Butylbenzene	<0.88	ug/L	0.44	1.4	S-8260A	11/13/1997	350
sec-Butylbenzene	<0.90	ug/L	0.45	1.4	S-8260A	11/13/1997	350
tert-Butylbenzene	<0.76	ug/L	0.38	1.2	S-8260A	11/13/1997	350
Carbon Disulfide	<2.0	ug/L	1.0	1.0	S-8260A	11/13/1997	350
Carbon Tetrachloride	<0.80	ug/L	0.40	1.3	S-8260A	11/13/1997	350
Chlorobenzene	<0.44	ug/L	0.22	0.69	S-8260A	11/13/1997	350
Chlorodibromomethane	<0.20	ug/L	0.10	0.33	S-8260A	11/13/1997	350
Chloroethane	<2.4	ug/L	1.2	3.9	S-8260A	11/13/1997	350
Chloroform	<0.36	ug/L	0.18	0.58	S-8260A	11/13/1997	350
Chloromethane	<0.76	ug/L	0.38	1.2	S-8260A	11/13/1997	350
2-Chlorotoluene	<0.56	ug/L	0.28	0.90	S-8260A	11/13/1997	350
4-Chlorotoluene	<0.94	ug/L	0.47	1.5	S-8260A	11/13/1997	350
1,2-Dibromo-3-Chloropropane	<2.3	ug/L	1.4	4.5	S-8260A	11/13/1997	350
1,2-Dibromoethane (EDB)	<0.32	ug/L	0.16	0.51	S-8260A	11/13/1997	350
Dibromomethane	<0.22	ug/L	0.11	0.36	S-8260A	11/13/1997	350
1,2-Dichlorobenzene	<0.40	ug/L	0.20	0.64	S-8260A	11/13/1997	350
1,3-Dichlorobenzene	<0.44	ug/L	0.22	0.71	S-8260A	11/13/1997	350
1,4-Dichlorobenzene	<0.70	ug/L	0.35	1.1	S-8260A	11/13/1997	350
Dichlorodifluoromethane	<0.98	ug/L	0.49	1.6	S-8260A	11/13/1997	350
1,1-Dichloroethane	0.68	ug/L	0.25	0.79	S-8260A	11/13/1997	350
1,2-Dichloroethane	<0.40	ug/L	0.20	0.63	S-8260A	11/13/1997	350
1,1-Dichloroethene	2.0	ug/L	0.73	2.3	S-8260A	11/13/1997	350
cis-1,2-Dichloroethene	<0.46	ug/L	0.23	0.74	S-8260A	11/13/1997	350
trans-1,2-Dichloroethene	<0.78	ug/L	0.39	1.2	S-8260A	11/13/1997	350
1,2-Dichloropropane	<0.58	ug/L	0.29	0.93	S-8260A	11/13/1997	350
1,3-Dichloropropane	<0.30	ug/L	0.15	0.46	S-8260A	11/13/1997	350



NATIONAL ENVIRONMENTAL TESTING, INC.

Watertown Division  
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WDNR No. 128053530

ANALYTICAL REPORT

Mr. Tim Mueller  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

11/19/1997  
Job No: 97.10471  
Sample No: 271128  
Account No: 52450  
Page 26

JOB DESCRIPTION: #1135 Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-2 #1135  
Goodman, WI  
Rec'd on ice

Date Taken: 10/30/1997

Date Received: 10/31/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
2,2-Dichloropropane	<0.74	ug/L	0.37	1.2	S-8260A	11/13/1997	350
1,1-Dichloropropene	<1.3	ug/L	0.63	2.0	S-8260A	11/13/1997	350
cis-1,3-Dichloropropene	<0.34	ug/L	0.17	0.56	S-8260A	11/13/1997	350
trans-1,3-Dichloropropene	<0.26	ug/L	0.13	0.42	S-8260A	11/13/1997	350
Di-isopropyl ether	<0.26	ug/L	0.13	0.41	S-8260A	11/13/1997	350
Ethylbenzene	<0.76	ug/L	0.38	1.2	S-8260A	11/13/1997	350
Hexachlorobutadiene	<0.74	ug/L	0.37	1.2	S-8260A	11/13/1997	350
Hexane	<3.4	ug/L	1.7	5.5	S-8260A	11/13/1997	350
Isopropylbenzene	<0.72	ug/L	0.36	1.1	S-8260A	11/13/1997	350
p-Isopropyltoluene	<0.70	ug/L	0.35	1.1	S-8260A	11/13/1997	350
Methylene Chloride	<1.7	ug/L	0.87	3.1	S-8260A	11/13/1997	350
4-Methyl-2-pentanone (MIBK)	<0.74	ug/L	0.37	1.2	S-8260A	11/13/1997	350
Methyl-t-butyl ether	<0.28	ug/L	0.14	0.45	S-8260A	11/13/1997	350
Napthalene	<0.70	ug/L	0.35	1.1	S-8260A	11/13/1997	350
n-Propylbenzene	<0.92	ug/L	0.46	1.5	S-8260A	11/13/1997	350
Styrene	<0.32	ug/L	0.16	0.51	S-8260A	11/13/1997	350
1,1,1,2-Tetrachloroethane	<0.22	ug/L	0.11	0.34	S-8260A	11/13/1997	350
1,1,2,2-Tetrachloroethane	<0.78	ug/L	0.39	1.3	S-8260A	11/13/1997	350
Tetrachloroethene	<1.3	ug/L	0.63	2.0	S-8260A	11/13/1997	350
Tetrahydrofuran	<3.8	ug/L	1.9	6.1	S-8260A	11/13/1997	350
Toluene	<0.78	ug/L	0.39	1.3	S-8260A	11/13/1997	350
1,2,3-Trichlorobenzene	<0.64	ug/L	0.32	1.0	S-8260A	11/13/1997	350
1,2,4-Trichlorobenzene	<0.36	ug/L	0.18	0.57	S-8260A	11/13/1997	350
1,1,1-Trichloroethane	110	ug/L	0.28	0.88	S-8260A	11/13/1997	350
1,1,2-Trichloroethane	<0.30	ug/L	0.15	0.46	S-8260A	11/13/1997	350
Trichloroethene	<0.98	ug/L	0.49	1.6	S-8260A	11/13/1997	350
Trichlorofluoromethane	<1.2	ug/L	0.58	1.8	S-8260A	11/13/1997	350
1,2,3-Trichloropropane	<0.56	ug/L	0.28	0.90	S-8260A	11/13/1997	350
1,2,4-Trimethylbenzene	<0.64	ug/L	0.32	1.0	S-8260A	11/13/1997	350
1,3,5-Trimethylbenzene	<0.66	ug/L	0.33	1.0	S-8260A	11/13/1997	350
Vinyl Chloride	<0.92	ug/L	0.46	1.5	S-8260A	11/13/1997	350
Xylenes, Total	<2.2	ug/L	1.1	3.6	S-8260A	11/13/1997	350
Surr: Dibromofluoromethane	105.4	%	n/a	n/a	S-8260A	11/13/1997	350
Surr: Toluene-d8	99.0	%	n/a	n/a	S-8260A	11/13/1997	350
Surr: Bromofluorobenzene	96.6	%	n/a	n/a	S-8260A	11/13/1997	350
Ethyl Acetate	ND	ug/L			S-8240	11/13/1997	1
Methanol	<10	ug/L	10	10	S-8240	11/07/1997	2





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WDNR No. 128053530

## ANALYTICAL REPORT

Mr. Tim Mueller  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

11/19/1997  
Job No: 97.10471  
Sample No: 271129  
Account No: 52450  
Page 27

JOB DESCRIPTION: #1135 Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-3 #1135  
Goodman, WI  
Rec'd on ice

Date Taken: 10/30/1997

Date Received: 10/31/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
VOC - AQUEOUS - EPA 8260A							
Acetone	1,500	ug/L	3.0	9.7	S-8260A	11/13/1997	350
Acrolein	<32	ug/L	3.2	10	S-8260A	11/13/1997	350
Acrylonitrile	<20	ug/L	2.0	6.5	S-8260A	11/13/1997	350
Benzene	<3.1	ug/L	0.31	0.98	S-8260A	11/13/1997	350
Bromobenzene	<2.0	ug/L	0.20	0.64	S-8260A	11/13/1997	350
Bromochloromethane	<3.2	ug/L	0.32	1.0	S-8260A	11/13/1997	350
Bromodichloromethane	<2.0	ug/L	0.20	0.63	S-8260A	11/13/1997	350
Bromoform	<1.4	ug/L	0.14	0.45	S-8260A	11/13/1997	350
Bromomethane	<4.6	ug/L	0.46	1.5	S-8260A	11/13/1997	350
2-Butanone (MEK)	<20	ug/L	2.0	2.0	S-8260A	11/13/1997	350
n-Butylbenzene	<4.4	ug/L	0.44	1.4	S-8260A	11/13/1997	350
sec-Butylbenzene	<4.5	ug/L	0.45	1.4	S-8260A	11/13/1997	350
tert-Butylbenzene	<3.8	ug/L	0.38	1.2	S-8260A	11/13/1997	350
Carbon Disulfide	<10	ug/L	1.0	1.0	S-8260A	11/13/1997	350
Carbon Tetrachloride	<4.0	ug/L	0.40	1.3	S-8260A	11/13/1997	350
Chlorobenzene	<2.2	ug/L	0.22	0.69	S-8260A	11/13/1997	350
Chlorodibromomethane	<1.0	ug/L	0.10	0.33	S-8260A	11/13/1997	350
Chloroethane	<12	ug/L	1.2	3.9	S-8260A	11/13/1997	350
Chloroform	<1.8	ug/L	0.18	0.58	S-8260A	11/13/1997	350
Chloromethane	<3.8	ug/L	0.38	1.2	S-8260A	11/13/1997	350
2-Chlorotoluene	<2.8	ug/L	0.28	0.90	S-8260A	11/13/1997	350
4-Chlorotoluene	<4.7	ug/L	0.47	1.5	S-8260A	11/13/1997	350
1,2-Dibromo-3-Chloropropane	<14	ug/L	1.4	4.5	S-8260A	11/13/1997	350
1,2-Dibromoethane (EDB)	<1.6	ug/L	0.16	0.51	S-8260A	11/13/1997	350
Dibromomethane	<1.1	ug/L	0.11	0.36	S-8260A	11/13/1997	350
1,2-Dichlorobenzene	<2.0	ug/L	0.20	0.64	S-8260A	11/13/1997	350
1,3-Dichlorobenzene	<2.2	ug/L	0.22	0.71	S-8260A	11/13/1997	350
1,4-Dichlorobenzene	<3.5	ug/L	0.35	1.1	S-8260A	11/13/1997	350
Dichlorodifluoromethane	<4.9	ug/L	0.49	1.6	S-8260A	11/13/1997	350
1,1-Dichloroethane	32	ug/L	0.25	0.79	S-8260A	11/13/1997	350
1,2-Dichloroethane	<2.0	ug/L	0.20	0.63	S-8260A	11/13/1997	350
1,1-Dichloroethene	36	ug/L	0.73	2.3	S-8260A	11/13/1997	350
cis-1,2-Dichloroethene	<2.3	ug/L	0.23	0.74	S-8260A	11/13/1997	350
trans-1,2-Dichloroethene	<3.9	ug/L	0.39	1.2	S-8260A	11/13/1997	350
1,2-Dichloropropane	<2.9	ug/L	0.29	0.93	S-8260A	11/13/1997	350
1,3-Dichloropropane	<1.5	ug/L	0.15	0.46	S-8260A	11/13/1997	350



ANALYTICAL REPORT

Mr. Tim Mueller  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

11/19/1997  
Job No: 97.10471  
Sample No: 271129  
Account No: 52450  
Page 28

JOB DESCRIPTION: #1135 Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-3 #1135  
Goodman, WI  
Rec'd on ice

Date Taken: 10/30/1997

Date Received: 10/31/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
2,2-Dichloropropane	<3.7	ug/L	0.37	1.2	S-8260A	11/13/1997	350
1,1-Dichloropropane	<6.3	ug/L	0.63	2.0	S-8260A	11/13/1997	350
cis-1,3-Dichloropropene	<1.7	ug/L	0.17	0.56	S-8260A	11/13/1997	350
trans-1,3-Dichloropropene	<1.3	ug/L	0.13	0.42	S-8260A	11/13/1997	350
Di-isopropyl ether	<1.3	ug/L	0.13	0.41	S-8260A	11/13/1997	350
Ethylbenzene	<3.8	ug/L	0.38	1.2	S-8260A	11/13/1997	350
Hexachlorobutadiene	<3.7	ug/L	0.37	1.2	S-8260A	11/13/1997	350
Hexane	<17	ug/L	1.7	5.5	S-8260A	11/13/1997	350
Isopropylbenzene	<3.6	ug/L	0.36	1.1	S-8260A	11/13/1997	350
p-Isopropyltoluene	<3.5	ug/L	0.35	1.1	S-8260A	11/13/1997	350
Methylene Chloride	<8.7	ug/L	0.97	3.1	S-8260A	11/13/1997	350
4-Methyl-2-pentanone (MIBK)	43	ug/L	0.37	1.2	S-8260A	11/13/1997	350
Methyl-t-butyl ether	<1.4	ug/L	0.14	0.45	S-8260A	11/13/1997	350
Naphthalene	<3.5	ug/L	0.35	1.1	S-8260A	11/13/1997	350
n-Propylbenzene	<4.6	ug/L	0.46	1.5	S-8260A	11/13/1997	350
Styrene	<1.6	ug/L	0.16	0.51	S-8260A	11/13/1997	350
1,1,1,2-Tetrachloroethane	<1.1	ug/L	0.11	0.34	S-8260A	11/13/1997	350
1,1,2,2-Tetrachloroethane	<3.9	ug/L	0.39	1.3	S-8260A	11/13/1997	350
Tetrachloroethene	<6.3	ug/L	0.63	2.0	S-8260A	11/13/1997	350
Tetrahydrofuran	<19	ug/L	1.9	6.1	S-8260A	11/13/1997	350
Toluene	J 11,000	ug/L	0.39	1.3	S-8260A	11/13/1997	350
1,2,3-Trichlorobenzene	<3.2	ug/L	0.32	1.0	S-8260A	11/13/1997	350
1,2,4-Trichlorobenzene	<1.8	ug/L	0.18	0.57	S-8260A	11/13/1997	350
1,1,1-Trichloroethane	J 4,200	ug/L	0.28	0.88	S-8260A	11/13/1997	350
1,1,2-Trichloroethane	<1.5	ug/L	0.15	0.46	S-8260A	11/13/1997	350
Trichloroethene	<4.9	ug/L	0.49	1.6	S-8260A	11/13/1997	350
Trichlorofluoromethane	<5.8	ug/L	0.58	1.8	S-8260A	11/13/1997	350
1,2,3-Trichloropropane	<2.8	ug/L	0.28	0.90	S-8260A	11/13/1997	350
1,2,4-Trimethylbenzene	<3.2	ug/L	0.32	1.0	S-8260A	11/13/1997	350
1,3,5-Trimethylbenzene	<3.3	ug/L	0.33	1.0	S-8260A	11/13/1997	350
Vinyl Chloride	<4.6	ug/L	0.46	1.5	S-8260A	11/13/1997	350
Xylenes, Total	<11	ug/L	1.1	3.6	S-8260A	11/13/1997	350
Surr: Dibromofluoromethane	108.2	%	n/a	n/a	S-8260A	11/13/1997	350
Surr: Toluene-d8	95.4	%	n/a	n/a	S-8260A	11/13/1997	350
Surr: Bromofluorobenzene	101.2	%	n/a	n/a	S-8260A	11/13/1997	350
Ethyl Acetate	ND	ug/L			S-8240	11/13/1997	1
Methanol	<10	ug/L	10	10	S-8240	11/07/1997	2



### ANALYTICAL REPORT

Mr. Tim Mueller  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

11/19/1997  
Job No: 97.10471  
Sample No: 271130  
Account No: 52450  
Page 29

JOB DESCRIPTION: #1135 Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: PZ-101 #1135  
Goodman, WI  
Rec'd on ice

Date Taken: 10/30/1997

Date Received: 10/31/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
VOC - AQUEOUS - EPA 8260A							
Acetone	3.5	ug/L	3.0	9.7	S-8260A	11/13/1997	350
Acrolein	<3.2	ug/L	3.2	10	S-8260A	11/13/1997	350
Acrylonitrile	<2.0	ug/L	2.0	6.5	S-8260A	11/13/1997	350
Benzene	<0.31	ug/L	0.31	0.98	S-8260A	11/13/1997	350
Bromobenzene	<0.20	ug/L	0.20	0.64	S-8260A	11/13/1997	350
Bromochloromethane	<0.32	ug/L	0.32	1.0	S-8260A	11/13/1997	350
Bromodichloromethane	<0.20	ug/L	0.20	0.63	S-8260A	11/13/1997	350
Bromoform	<0.14	ug/L	0.14	0.45	S-8260A	11/13/1997	350
Bromomethane	<0.46	ug/L	0.46	1.5	S-8260A	11/13/1997	350
2-Butanone (MEK)	<2.0	ug/L	2.0	2.0	S-8260A	11/13/1997	350
n-Butylbenzene	<0.44	ug/L	0.44	1.4	S-8260A	11/13/1997	350
sec-Butylbenzene	<0.45	ug/L	0.45	1.4	S-8260A	11/13/1997	350
tert-Butylbenzene	<0.38	ug/L	0.38	1.2	S-8260A	11/13/1997	350
Carbon Disulfide	<1.0	ug/L	1.0	1.0	S-8260A	11/13/1997	350
Carbon Tetrachloride	<0.40	ug/L	0.40	1.3	S-8260A	11/13/1997	350
Chlorobenzene	<0.22	ug/L	0.22	0.69	S-8260A	11/13/1997	350
Chlorodibromomethane	<0.10	ug/L	0.10	0.33	S-8260A	11/13/1997	350
Chloroethane	<1.2	ug/L	1.2	3.9	S-8260A	11/13/1997	350
Chloroform	<0.18	ug/L	0.18	0.58	S-8260A	11/13/1997	350
Chloromethane	<0.38	ug/L	0.38	1.2	S-8260A	11/13/1997	350
2-Chlorotoluene	<0.28	ug/L	0.28	0.90	S-8260A	11/13/1997	350
4-Chlorotoluene	<0.47	ug/L	0.47	1.5	S-8260A	11/13/1997	350
1,2-Dibromo-3-Chloropropane	<1.4	ug/L	1.4	4.5	S-8260A	11/13/1997	350
1,2-Dibromoethane (EDB)	<0.16	ug/L	0.16	0.51	S-8260A	11/13/1997	350
Dibromomethane	<0.11	ug/L	0.11	0.36	S-8260A	11/13/1997	350
1,2-Dichlorobenzene	<0.20	ug/L	0.20	0.64	S-8260A	11/13/1997	350
1,3-Dichlorobenzene	<0.22	ug/L	0.22	0.71	S-8260A	11/13/1997	350
1,4-Dichlorobenzene	<0.35	ug/L	0.35	1.1	S-8260A	11/13/1997	350
Dichlorodifluoromethane	<0.49	ug/L	0.49	1.6	S-8260A	11/13/1997	350
1,1-Dichloroethane	<0.25	ug/L	0.25	0.79	S-8260A	11/13/1997	350
1,2-Dichloroethane	<0.20	ug/L	0.20	0.63	S-8260A	11/13/1997	350
1,1-Dichloroethene	<0.73	ug/L	0.73	2.3	S-8260A	11/13/1997	350
cis-1,2-Dichloroethene	<0.23	ug/L	0.23	0.74	S-8260A	11/13/1997	350
trans-1,2-Dichloroethene	<0.39	ug/L	0.39	1.2	S-8260A	11/13/1997	350
1,2-Dichloropropane	<0.29	ug/L	0.29	0.93	S-8260A	11/13/1997	350
1,3-Dichloropropane	<0.15	ug/L	0.15	0.46	S-8260A	11/13/1997	350



### ANALYTICAL REPORT

Mr. Tim Mueller  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

11/19/1997  
Job No: 97.10471  
Sample No: 271130  
Account No: 52450  
Page 30

JOB DESCRIPTION: #1135 Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: PZ-101 #1135  
Goodman, WI  
Rec'd on ice

Date Taken: 10/30/1997

Date Received: 10/31/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
2,2-Dichloropropane	<0.37	ug/L	0.37	1.2	S-8260A	11/13/1997	350
1,1-Dichloropropane	<0.63	ug/L	0.63	2.0	S-8260A	11/13/1997	350
cis-1,3-Dichloropropene	<0.17	ug/L	0.17	0.56	S-8260A	11/13/1997	350
trans-1,3-Dichloropropene	<0.13	ug/L	0.13	0.42	S-8260A	11/13/1997	350
Di-isopropyl ether	<0.13	ug/L	0.13	0.41	S-8260A	11/13/1997	350
Ethylbenzene	<0.38	ug/L	0.38	1.2	S-8260A	11/13/1997	350
Hexachlorobutadiene	<0.37	ug/L	0.37	1.2	S-8260A	11/13/1997	350
Hexane	<1.7	ug/L	1.7	5.5	S-8260A	11/13/1997	350
Isopropylbenzene	<0.36	ug/L	0.36	1.1	S-8260A	11/13/1997	350
p-Isopropyltoluene	<0.35	ug/L	0.35	1.1	S-8260A	11/13/1997	350
Methylene Chloride	<0.87	ug/L	0.87	3.1	S-8260A	11/13/1997	350
4-Methyl-2-pentanone (MIBK)	<0.37	ug/L	0.37	1.2	S-8260A	11/13/1997	350
Methyl-t-butyl ether	<0.14	ug/L	0.14	0.45	S-8260A	11/13/1997	350
Naphthalene	<0.35	ug/L	0.35	1.1	S-8260A	11/13/1997	350
n-Propylbenzene	<0.46	ug/L	0.46	1.5	S-8260A	11/13/1997	350
Styrene	<0.16	ug/L	0.16	0.51	S-8260A	11/13/1997	350
1,1,1,2-Tetrachloroethane	<0.11	ug/L	0.11	0.34	S-8260A	11/13/1997	350
1,1,2,2-Tetrachloroethane	<0.39	ug/L	0.39	1.3	S-8260A	11/13/1997	350
Tetrachloroethene	<0.63	ug/L	0.63	2.0	S-8260A	11/13/1997	350
Tetrahydrofuran	3.1	ug/L	1.9	6.1	S-8260A	11/13/1997	350
Toluene	<0.39	ug/L	0.39	1.3	S-8260A	11/13/1997	350
1,2,3-Trichlorobenzene	<0.32	ug/L	0.32	1.0	S-8260A	11/13/1997	350
1,2,4-Trichlorobenzene	<0.18	ug/L	0.18	0.57	S-8260A	11/13/1997	350
1,1,1-Trichloroethane	2.9	ug/L	0.28	0.88	S-8260A	11/13/1997	350
1,1,2-Trichloroethane	<0.15	ug/L	0.15	0.46	S-8260A	11/13/1997	350
Trichloroethene	<0.49	ug/L	0.49	1.6	S-8260A	11/13/1997	350
Trichlorofluoromethane	<0.58	ug/L	0.58	1.8	S-8260A	11/13/1997	350
1,2,3-Trichloropropane	<0.28	ug/L	0.28	0.90	S-8260A	11/13/1997	350
1,2,4-Trimethylbenzene	<0.32	ug/L	0.32	1.0	S-8260A	11/13/1997	350
1,3,5-Trimethylbenzene	<0.33	ug/L	0.33	1.0	S-8260A	11/13/1997	350
Vinyl Chloride	<0.46	ug/L	0.46	1.5	S-8260A	11/13/1997	350
Xylenes, Total	<1.1	ug/L	1.1	3.6	S-8260A	11/13/1997	350
Surr: Dibromofluoromethane	110.2	%	n/a	n/a	S-8260A	11/13/1997	350
Surr: Toluene-d8	101.0	%	n/a	n/a	S-8260A	11/13/1997	350
Surr: Bromofluorobenzene	97.8	%	n/a	n/a	S-8260A	11/13/1997	350
Ethyl Acetate	ND	ug/L			S-8240	11/13/1997	1
Methanol	<10	ug/L	10	10	S-8240	11/07/1997	2



## ANALYTICAL REPORT

Mr. Tim Mueller  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

11/19/1997  
Job No: 97.10471  
Sample No: 271131  
Account No: 52450  
Page 31

JOB DESCRIPTION: #1135 Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-101 #1135  
Goodman, WI  
Rec'd on ice

Date Taken: 10/29/1997

Date Received: 10/31/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
VOC - AQUEOUS - EPA 8260A							
Acetone	<3.0	ug/L	3.0	9.7	S-8260A	11/12/1997	348
Acrolein	<3.2	ug/L	3.2	10	S-8260A	11/12/1997	348
Acrylonitrile	<2.0	ug/L	2.0	6.5	S-8260A	11/12/1997	348
Benzene	<0.31	ug/L	0.31	0.98	S-8260A	11/12/1997	348
Bromobenzene	<0.20	ug/L	0.20	0.64	S-8260A	11/12/1997	348
Bromochloromethane	<0.32	ug/L	0.32	1.0	S-8260A	11/12/1997	348
Bromodichloromethane	<0.20	ug/L	0.20	0.63	S-8260A	11/12/1997	348
Bromoform	<0.14	ug/L	0.14	0.45	S-8260A	11/12/1997	348
Bromomethane	<0.46	ug/L	0.46	1.5	S-8260A	11/12/1997	348
2-Butanone (MEK)	<2.0	ug/L	2.0	2.0	S-8260A	11/12/1997	348
n-Butylbenzene	<0.44	ug/L	0.44	1.4	S-8260A	11/12/1997	348
sec-Butylbenzene	<0.45	ug/L	0.45	1.4	S-8260A	11/12/1997	348
tert-Butylbenzene	<0.38	ug/L	0.38	1.2	S-8260A	11/12/1997	348
Carbon Disulfide	<1.0	ug/L	1.0	1.0	S-8260A	11/12/1997	348
Carbon Tetrachloride	<0.40	ug/L	0.40	1.3	S-8260A	11/12/1997	348
Chlorobenzene	<0.22	ug/L	0.22	0.69	S-8260A	11/12/1997	348
Chlorodibromomethane	<0.10	ug/L	0.10	0.33	S-8260A	11/12/1997	348
Chloroethane	<1.2	ug/L	1.2	3.9	S-8260A	11/12/1997	348
Chloroform	<0.18	ug/L	0.18	0.58	S-8260A	11/12/1997	348
Chloromethane	<0.38	ug/L	0.38	1.2	S-8260A	11/12/1997	348
2-Chlorotoluene	<0.28	ug/L	0.28	0.90	S-8260A	11/12/1997	348
4-Chlorotoluene	<0.47	ug/L	0.47	1.5	S-8260A	11/12/1997	348
1,2-Dibromo-3-Chloropropane	<1.4	ug/L	1.4	4.5	S-8260A	11/12/1997	348
1,2-Dibromoethane (EDB)	<0.16	ug/L	0.16	0.51	S-8260A	11/12/1997	348
Dibromomethane	<0.11	ug/L	0.11	0.36	S-8260A	11/12/1997	348
1,2-Dichlorobenzene	<0.20	ug/L	0.20	0.64	S-8260A	11/12/1997	348
1,3-Dichlorobenzene	<0.22	ug/L	0.22	0.71	S-8260A	11/12/1997	348
1,4-Dichlorobenzene	<0.35	ug/L	0.35	1.1	S-8260A	11/12/1997	348
Dichlorodifluoromethane	<0.49	ug/L	0.49	1.6	S-8260A	11/12/1997	348
1,1-Dichloroethane	<0.25	ug/L	0.25	0.79	S-8260A	11/12/1997	348
1,2-Dichloroethane	<0.20	ug/L	0.20	0.63	S-8260A	11/12/1997	348
1,1-Dichloroethene	<0.73	ug/L	0.73	2.3	S-8260A	11/12/1997	348
cis-1,2-Dichloroethene	<0.23	ug/L	0.23	0.74	S-8260A	11/12/1997	348
trans-1,2-Dichloroethene	<0.39	ug/L	0.39	1.2	S-8260A	11/12/1997	348
1,2-Dichloropropane	<0.29	ug/L	0.29	0.93	S-8260A	11/12/1997	348
1,3-Dichloropropane	<0.15	ug/L	0.15	0.46	S-8260A	11/12/1997	348



**NATIONAL ENVIRONMENTAL TESTING, INC.**

Watertown Division  
602 Commerce Drive  
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WDNR No. 128053530

**ANALYTICAL REPORT**

Mr. Tim Mueller  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

11/19/1997  
Job No: 97.10471  
Sample No: 271131  
Account No: 52450  
Page 32

JOB DESCRIPTION: #1135 Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-101 #1135  
Goodman, WI  
Rec'd on ice

Date Taken: 10/29/1997

Date Received: 10/31/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
2,2-Dichloropropane	<0.37	ug/L	0.37	1.2	S-8260A	11/12/1997	348
1,1-Dichloropropane	<0.63	ug/L	0.63	2.0	S-8260A	11/12/1997	348
cis-1,3-Dichloropropene	<0.17	ug/L	0.17	0.56	S-8260A	11/12/1997	348
trans-1,3-Dichloropropene	<0.13	ug/L	0.13	0.42	S-8260A	11/12/1997	348
Di-isopropyl ether	<0.13	ug/L	0.13	0.41	S-8260A	11/12/1997	348
Ethylbenzene	<0.38	ug/L	0.38	1.2	S-8260A	11/12/1997	348
Hexachlorobutadiene	<0.37	ug/L	0.37	1.2	S-8260A	11/12/1997	348
Hexane	<1.7	ug/L	1.7	5.5	S-8260A	11/12/1997	348
Isopropylbenzene	<0.36	ug/L	0.36	1.1	S-8260A	11/12/1997	348
p-Isopropyltoluene	<0.35	ug/L	0.35	1.1	S-8260A	11/12/1997	348
Methylene Chloride	<0.87	ug/L	0.87	3.1	S-8260A	11/12/1997	348
4-Methyl-2-pentanone (MIBK)	<0.37	ug/L	0.37	1.2	S-8260A	11/12/1997	348
Methyl-t-butyl ether	<0.14	ug/L	0.14	0.45	S-8260A	11/12/1997	348
Naphthalene	<0.35	ug/L	0.35	1.1	S-8260A	11/12/1997	348
n-Propylbenzene	<0.46	ug/L	0.46	1.5	S-8260A	11/12/1997	348
Styrene	<0.16	ug/L	0.16	0.51	S-8260A	11/12/1997	348
1,1,1,2-Tetrachloroethane	<0.11	ug/L	0.11	0.34	S-8260A	11/12/1997	348
1,1,2,2-Tetrachloroethane	<0.39	ug/L	0.39	1.3	S-8260A	11/12/1997	348
Tetrachloroethene	<0.63	ug/L	0.63	2.0	S-8260A	11/12/1997	348
Tetrahydrofuran	<1.9	ug/L	1.9	6.1	S-8260A	11/12/1997	348
Toluene	<0.39	ug/L	0.39	1.3	S-8260A	11/12/1997	348
1,2,3-Trichlorobenzene	<0.32	ug/L	0.32	1.0	S-8260A	11/12/1997	348
1,2,4-Trichlorobenzene	<0.18	ug/L	0.18	0.57	S-8260A	11/12/1997	348
1,1,1-Trichloroethane	<0.28	ug/L	0.28	0.88	S-8260A	11/12/1997	348
1,1,2-Trichloroethane	<0.15	ug/L	0.15	0.46	S-8260A	11/12/1997	348
Trichloroethene	<0.49	ug/L	0.49	1.6	S-8260A	11/12/1997	348
Trichlorofluoromethane	<0.58	ug/L	0.58	1.8	S-8260A	11/12/1997	348
1,2,3-Trichloropropane	<0.28	ug/L	0.28	0.90	S-8260A	11/12/1997	348
1,2,4-Trimethylbenzene	<0.32	ug/L	0.32	1.0	S-8260A	11/12/1997	348
1,3,5-Trimethylbenzene	<0.33	ug/L	0.33	1.0	S-8260A	11/12/1997	348
Vinyl Chloride	<0.46	ug/L	0.46	1.5	S-8260A	11/12/1997	348
Xylenes, Total	<1.1	ug/L	1.1	3.6	S-8260A	11/12/1997	348
Surr: Dibromofluoromethane	110.4	%	n/a	n/a	S-8260A	11/12/1997	348
Surr: Toluene-d8	104.3	%	n/a	n/a	S-8260A	11/12/1997	348
Surr: Bromofluorobenzene	73.4	%	n/a	n/a	S-8260A	11/12/1997	348
Ethyl Acetate	ND	ug/L			S-8240	11/12/1997	2



### ANALYTICAL REPORT

Mr. Tim Mueller  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

11/19/1997  
Job No: 97.10471  
Sample No: 271132  
Account No: 52450  
Page 33

JOB DESCRIPTION: #1135 Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-102 #1135  
Goodman, WI  
Rec'd on ice

Date Taken: 10/29/1997

Date Received: 10/31/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
VOC - AQUEOUS - EPA 8260A							
Acetone	<6.0	ug/L	3.0	9.7	S-8260A	11/12/1997	348
Acrolein	<6.4	ug/L	3.2	10	S-8260A	11/12/1997	348
Acrylonitrile	<4.0	ug/L	2.0	6.5	S-8260A	11/12/1997	348
Benzene	<0.62	ug/L	0.31	0.98	S-8260A	11/12/1997	348
Bromobenzene	<0.40	ug/L	0.20	0.64	S-8260A	11/12/1997	348
Bromochloromethane	<0.64	ug/L	0.32	1.0	S-8260A	11/12/1997	348
Bromdichloromethane	<0.40	ug/L	0.20	0.63	S-8260A	11/12/1997	348
Bromoform	<0.28	ug/L	0.14	0.45	S-8260A	11/12/1997	348
Bromomethane	<0.92	ug/L	0.46	1.5	S-8260A	11/12/1997	348
2-Butanone (MEK)	<4.0	ug/L	2.0	2.0	S-8260A	11/12/1997	348
n-Butylbenzene	<0.88	ug/L	0.44	1.4	S-8260A	11/12/1997	348
sec-Butylbenzene	<0.90	ug/L	0.45	1.4	S-8260A	11/12/1997	348
tert-Butylbenzene	<0.76	ug/L	0.38	1.2	S-8260A	11/12/1997	348
Carbon Disulfide	<2.0	ug/L	1.0	1.0	S-8260A	11/12/1997	348
Carbon Tetrachloride	<0.80	ug/L	0.40	1.3	S-8260A	11/12/1997	348
Chlorobenzene	<0.44	ug/L	0.22	0.69	S-8260A	11/12/1997	348
Chlorodibromomethane	<0.20	ug/L	0.10	0.33	S-8260A	11/12/1997	348
Chloroethane	<2.4	ug/L	1.2	3.9	S-8260A	11/12/1997	348
Chloroform	<0.36	ug/L	0.18	0.53	S-8260A	11/12/1997	348
Chloromethane	<0.76	ug/L	0.38	1.2	S-8260A	11/12/1997	348
2-Chlorotoluene	<0.56	ug/L	0.28	0.90	S-8260A	11/12/1997	348
4-Chlorotoluene	<0.94	ug/L	0.47	1.5	S-8260A	11/12/1997	348
1,2-Dibromo-3-Chloropropane	<2.8	ug/L	1.4	4.5	S-8260A	11/12/1997	348
1,2-Dibromoethane (EDB)	<0.32	ug/L	0.16	0.51	S-8260A	11/12/1997	348
Dibromomethane	<0.22	ug/L	0.11	0.36	S-8260A	11/12/1997	348
1,2-Dichlorobenzene	<0.40	ug/L	0.20	0.64	S-8260A	11/12/1997	348
1,3-Dichlorobenzene	<0.44	ug/L	0.22	0.71	S-8260A	11/12/1997	348
1,4-Dichlorobenzene	<0.70	ug/L	0.35	1.1	S-8260A	11/12/1997	348
Dichlorodifluoromethane	<0.98	ug/L	0.49	1.5	S-8260A	11/12/1997	348
1,1-Dichloroethane	<0.50	ug/L	0.25	0.79	S-8260A	11/12/1997	348
1,2-Dichloroethane	<0.40	ug/L	0.20	0.63	S-8260A	11/12/1997	348
1,1-Dichloroethene	13	ug/L	0.73	2.3	S-8260A	11/12/1997	348
cis-1,2-Dichloroethene	<0.46	ug/L	0.23	0.74	S-8260A	11/12/1997	348
trans-1,2-Dichloroethene	<0.78	ug/L	0.39	1.2	S-8260A	11/12/1997	348
1,2-Dichloropropane	<0.58	ug/L	0.29	0.93	S-8260A	11/12/1997	348
1,3-Dichloropropane	<0.30	ug/L	0.15	0.46	S-8260A	11/12/1997	348



NATIONAL ENVIRONMENTAL TESTING, INC.

Watertown Division  
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WDNR No. 128053530

## ANALYTICAL REPORT

Mr. Tim Mueller  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

11/19/1997  
Job No: 97.10471  
Sample No: 271132  
Account No: 52450  
Page 34

JOB DESCRIPTION: #1135 Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-102 #1135  
Goodman, WI  
Rec'd on ice

Date Taken: 10/29/1997

Date Received: 10/31/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
2,2-Dichloropropane	<0.74	ug/L	0.37	1.2	S-8260A	11/12/1997	348
1,1-Dichloropropane	<1.3	ug/L	0.63	2.0	S-8260A	11/12/1997	348
cis-1,3-Dichloropropene	<0.34	ug/L	0.17	0.56	S-8260A	11/12/1997	348
trans-1,3-Dichloropropene	<0.26	ug/L	0.13	0.42	S-8260A	11/12/1997	348
Di-isopropyl ether	<0.26	ug/L	0.13	0.41	S-8260A	11/12/1997	348
Ethylbenzene	<0.76	ug/L	0.38	1.2	S-8260A	11/12/1997	348
Hexachlorobutadiene	<0.74	ug/L	0.37	1.2	S-8260A	11/12/1997	348
Hexane	<3.4	ug/L	1.7	5.5	S-8260A	11/12/1997	348
Isopropylbenzene	<0.72	ug/L	0.36	1.1	S-8260A	11/12/1997	348
p-Isopropyltoluene	<0.70	ug/L	0.35	1.1	S-8260A	11/12/1997	348
Methylene Chloride	L 3.4	ug/L	0.87	3.1	S-8260A	11/12/1997	348
4-Methyl-2-pentanone (MIBK)	<0.74	ug/L	0.37	1.2	S-8260A	11/12/1997	348
Methyl-t-butyl ether	<0.28	ug/L	0.14	0.45	S-8260A	11/12/1997	348
Naphthalene	<0.70	ug/L	0.35	1.1	S-8260A	11/12/1997	348
n-Propylbenzene	<0.92	ug/L	0.46	1.5	S-8260A	11/12/1997	348
Styrene	<0.32	ug/L	0.16	0.51	S-8260A	11/12/1997	348
1,1,1,2-Tetrachloroethane	<0.22	ug/L	0.11	0.34	S-8260A	11/12/1997	348
1,1,2,2-Tetrachloroethane	<0.78	ug/L	0.39	1.3	S-8260A	11/12/1997	348
Tetrachloroethene	<1.3	ug/L	0.63	2.0	S-8260A	11/12/1997	348
Tetrahydrofuran	<3.8	ug/L	1.9	6.1	S-8260A	11/12/1997	348
Toluene	<0.78	ug/L	0.39	1.3	S-8260A	11/12/1997	348
1,2,3-Trichlorobenzene	<0.64	ug/L	0.32	1.0	S-8260A	11/12/1997	348
1,2,4-Trichlorobenzene	<0.36	ug/L	0.18	0.57	S-8260A	11/12/1997	348
1,1,1-Trichloroethane	280	ug/L	0.28	0.88	S-8260A	11/12/1997	348
1,1,2-Trichloroethane	<0.30	ug/L	0.15	0.46	S-8260A	11/12/1997	348
Trichloroethene	<0.98	ug/L	0.49	1.6	S-8260A	11/12/1997	348
Trichlorofluoromethane	<1.2	ug/L	0.58	1.9	S-8260A	11/12/1997	348
1,2,3-Trichloropropane	<0.56	ug/L	0.28	0.90	S-8260A	11/12/1997	348
1,2,4-Trimethylbenzene	<0.64	ug/L	0.32	1.0	S-8260A	11/12/1997	348
1,3,5-Trimethylbenzene	<0.66	ug/L	0.33	1.0	S-8260A	11/12/1997	348
Vinyl Chloride	<0.92	ug/L	0.46	1.5	S-8260A	11/12/1997	348
Xylenes, Total	<2.2	ug/L	1.1	3.6	S-8260A	11/12/1997	348
Surr: Dibromofluoromethane	113.0	%	n/a	n/a	S-8260A	11/12/1997	348
Surr: Toluene-d8	104.8	%	n/a	n/a	S-8260A	11/12/1997	348
Surr: Bromofluorobenzene	C 65.2	%	n/a	n/a	S-8260A	11/12/1997	348
Ethyl Acetate	ND	ug/L			S-8240	11/12/1997	2





**NATIONAL ENVIRONMENTAL TESTING, INC.**

Watertown Division  
602 Commerce Drive  
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WDNR No. 128053530

**ANALYTICAL REPORT**

Mr. Tim Mueller  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

11/19/1997  
Job No: 97.10471  
Sample No: 271133  
Account No: 52450  
Page 35

JOB DESCRIPTION: #1135 Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-103 #1135  
Goodman, WI  
Rec'd on ice

Date Taken: 10/29/1997

Date Received: 10/31/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
VOC - AQUEOUS - EPA 8260A							
Acetone	<3.0	ug/L	3.0	9.7	S-8260A	11/12/1997	348
Acrolein	<3.2	ug/L	3.2	10	S-8260A	11/12/1997	348
Acrylonitrile	<2.0	ug/L	2.0	6.5	S-8260A	11/12/1997	348
Benzene	<0.31	ug/L	0.31	0.98	S-8260A	11/12/1997	348
Bromobenzene	<0.20	ug/L	0.20	0.64	S-8260A	11/12/1997	348
Bromochloromethane	<0.32	ug/L	0.32	1.0	S-8260A	11/12/1997	348
Bromodichloromethane	<0.20	ug/L	0.20	0.63	S-8260A	11/12/1997	348
Bromoform	<0.14	ug/L	0.14	0.45	S-8260A	11/12/1997	348
Bromomethane	<0.46	ug/L	0.46	1.5	S-8260A	11/12/1997	348
2-Butanone (MEK)	<2.0	ug/L	2.0	2.0	S-8260A	11/12/1997	348
n-Butylbenzene	<0.44	ug/L	0.44	1.4	S-8260A	11/12/1997	348
sec-Butylbenzene	<0.45	ug/L	0.45	1.4	S-8260A	11/12/1997	348
tert-Butylbenzene	<0.38	ug/L	0.38	1.2	S-8260A	11/12/1997	348
Carbon Disulfide	<1.0	ug/L	1.0	1.0	S-8260A	11/12/1997	348
Carbon Tetrachloride	<0.40	ug/L	0.40	1.3	S-8260A	11/12/1997	348
Chlorobenzene	<0.22	ug/L	0.22	0.69	S-8260A	11/12/1997	348
Chlorodibromomethane	<0.10	ug/L	0.10	0.33	S-8260A	11/12/1997	348
Chloroethane	<1.2	ug/L	1.2	3.9	S-8260A	11/12/1997	348
Chloroform	<0.18	ug/L	0.18	0.58	S-8260A	11/12/1997	348
Chloromethane	<0.38	ug/L	0.38	1.2	S-8260A	11/12/1997	348
2-Chlorotoluene	<0.28	ug/L	0.28	0.90	S-8260A	11/12/1997	348
4-Chlorotoluene	<0.47	ug/L	0.47	1.5	S-8260A	11/12/1997	348
1,2-Dibromo-3-Chloropropane	<1.4	ug/L	1.4	4.5	S-8260A	11/12/1997	348
1,2-Dibromoethane (EDB)	<0.16	ug/L	0.16	0.51	S-8260A	11/12/1997	348
Dibromomethane	<0.11	ug/L	0.11	0.36	S-8260A	11/12/1997	348
1,2-Dichlorobenzene	<0.20	ug/L	0.20	0.64	S-8260A	11/12/1997	348
1,3-Dichlorobenzene	<0.22	ug/L	0.22	0.71	S-8260A	11/12/1997	348
1,4-Dichlorobenzene	<0.35	ug/L	0.35	1.1	S-8260A	11/12/1997	348
Dichlorodifluoromethane	<0.49	ug/L	0.49	1.6	S-8260A	11/12/1997	348
1,1-Dichloroethane	<0.25	ug/L	0.25	0.79	S-8260A	11/12/1997	348
1,2-Dichloroethane	<0.20	ug/L	0.20	0.63	S-8260A	11/12/1997	348
1,1-Dichloroethene	<0.73	ug/L	0.73	2.3	S-8260A	11/12/1997	348
cis-1,2-Dichloroethene	<0.23	ug/L	0.23	0.74	S-8260A	11/12/1997	348
trans-1,2-Dichloroethene	<0.39	ug/L	0.39	1.2	S-8260A	11/12/1997	348
1,2-Dichloropropane	<0.29	ug/L	0.29	0.93	S-8260A	11/12/1997	348
1,3-Dichloropropane	<0.15	ug/L	0.15	0.46	S-8260A	11/12/1997	348



## ANALYTICAL REPORT

Mr. Tim Mueller  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

11/19/1997  
Job No: 97.10471  
Sample No: 271133  
Account No: 52450  
Page 36

JOB DESCRIPTION: #1135 Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-103 #1135  
Goodman, WI  
Rec'd on ice

Date Taken: 10/29/1997

Date Received: 10/31/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
2,2-Dichloropropane	<0.37	ug/L	0.37	1.2	S-8260A	11/12/1997	348
1,1-Dichloropropane	<0.63	ug/L	0.63	2.0	S-8260A	11/12/1997	348
cis-1,3-Dichloropropene	<0.17	ug/L	0.17	0.56	S-8260A	11/12/1997	348
trans-1,3-Dichloropropene	<0.13	ug/L	0.13	0.42	S-8260A	11/12/1997	348
Di-isopropyl ether	<0.13	ug/L	0.13	0.41	S-8260A	11/12/1997	348
Ethylbenzene	<0.38	ug/L	0.38	1.2	S-8260A	11/12/1997	348
Hexachlorobutadiene	<0.37	ug/L	0.37	1.2	S-8260A	11/12/1997	348
Hexane	<1.7	ug/L	1.7	5.5	S-8260A	11/12/1997	348
Isopropylbenzene	<0.36	ug/L	0.36	1.1	S-8260A	11/12/1997	348
p-Isopropyltoluene	<0.35	ug/L	0.35	1.1	S-8260A	11/12/1997	348
Methylene Chloride	<0.87	ug/L	0.87	3.1	S-8260A	11/12/1997	348
4-Methyl-2-pentanone (MIBK)	<0.37	ug/L	0.37	1.2	S-8260A	11/12/1997	348
Methyl-t-butyl ether	<0.14	ug/L	0.14	0.45	S-8260A	11/12/1997	348
Naphthalene	<0.35	ug/L	0.35	1.1	S-8260A	11/12/1997	348
n-Propylbenzene	<0.46	ug/L	0.46	1.5	S-8260A	11/12/1997	348
Styrene	<0.16	ug/L	0.16	0.51	S-8260A	11/12/1997	348
1,1,1,2-Tetrachloroethane	<0.11	ug/L	0.11	0.34	S-8260A	11/12/1997	348
1,1,2,2-Tetrachloroethane	<0.39	ug/L	0.39	1.3	S-8260A	11/12/1997	348
Tetrachloroethene	<0.63	ug/L	0.63	2.0	S-8260A	11/12/1997	348
Tetrahydrofuran	<1.9	ug/L	1.9	6.1	S-8260A	11/12/1997	348
Toluene	<0.39	ug/L	0.39	1.3	S-8260A	11/12/1997	348
1,2,3-Trichlorobenzene	<0.32	ug/L	0.32	1.0	S-8260A	11/12/1997	348
1,2,4-Trichlorobenzene	<0.18	ug/L	0.18	0.57	S-8260A	11/12/1997	348
1,1,1-Trichloroethane	<0.28	ug/L	0.28	0.88	S-8260A	11/12/1997	348
1,1,2-Trichloroethane	<0.15	ug/L	0.15	0.46	S-8260A	11/12/1997	348
Trichloroethene	<0.49	ug/L	0.49	1.6	S-8260A	11/12/1997	348
Trichlorofluoromethane	<0.58	ug/L	0.58	1.8	S-8260A	11/12/1997	348
1,2,3-Trichloropropane	<0.28	ug/L	0.28	0.90	S-8260A	11/12/1997	348
1,2,4-Trimethylbenzene	<0.32	ug/L	0.32	1.0	S-8260A	11/12/1997	348
1,3,5-Trimethylbenzene	<0.33	ug/L	0.33	1.0	S-8260A	11/12/1997	348
Vinyl Chloride	<0.46	ug/L	0.46	1.5	S-8260A	11/12/1997	348
Xylenes, Total	<1.1	ug/L	1.1	3.6	S-8260A	11/12/1997	348
Surr: Dibromofluoromethane	110.0	%	n/a	n/a	S-8260A	11/12/1997	348
Surr: Toluene-d8	C 127.0	%	n/a	n/a	S-8260A	11/12/1997	348
Surr: Bromofluorobenzene	C 66.4	%	n/a	n/a	S-8260A	11/12/1997	348
Ethyl Acetate	ND	ug/L			S-8240	11/12/1997	2



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WDNR No. 128053530

## ANALYTICAL REPORT

Mr. Tim Mueller  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

11/19/1997  
Job No: 97.10471  
Sample No: 271134  
Account No: 52450  
Page 37

JOB DESCRIPTION: #1135 Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-104 #1135  
Goodman, WI  
Rec'd on ice

Date Taken: 10/29/1997

Date Received: 10/31/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
VOC - AQUEOUS - EPA 8260A							
Acetone	<3.0	ug/L	3.0	9.7	S-8260A	11/12/1997	348
Acrolein	<3.2	ug/L	3.2	10	S-8260A	11/12/1997	348
Acrylonitrile	<2.0	ug/L	2.0	6.5	S-8260A	11/12/1997	348
Benzene	<0.31	ug/L	0.31	0.98	S-8260A	11/12/1997	348
Bromobenzene	<0.20	ug/L	0.20	0.64	S-8260A	11/12/1997	348
Bromochloromethane	<0.32	ug/L	0.32	1.0	S-8260A	11/12/1997	348
Bromodichloromethane	<0.20	ug/L	0.20	0.63	S-8260A	11/12/1997	348
Bromoform	<0.14	ug/L	0.14	0.45	S-8260A	11/12/1997	348
Bromomethane	<0.46	ug/L	0.46	1.5	S-8260A	11/12/1997	348
2-Butanone (MEK)	<2.0	ug/L	2.0	2.0	S-8260A	11/12/1997	348
n-Butylbenzene	<0.44	ug/L	0.44	1.4	S-8260A	11/12/1997	348
sec-Butylbenzene	<0.45	ug/L	0.45	1.4	S-8260A	11/12/1997	348
tert-Butylbenzene	<0.38	ug/L	0.38	1.2	S-8260A	11/12/1997	348
Carbon Disulfide	<1.0	ug/L	1.0	1.0	S-8260A	11/12/1997	348
Carbon Tetrachloride	<0.40	ug/L	0.40	1.3	S-8260A	11/12/1997	348
Chlorobenzene	<0.22	ug/L	0.22	0.69	S-8260A	11/12/1997	348
Chlorodibromomethane	<0.10	ug/L	0.10	0.33	S-8260A	11/12/1997	348
Chloroethane	<1.2	ug/L	1.2	3.9	S-8260A	11/12/1997	348
Chloroform	<0.18	ug/L	0.18	0.58	S-8260A	11/12/1997	348
Chloromethane	<0.38	ug/L	0.38	1.2	S-8260A	11/12/1997	348
2-Chlorotoluene	<0.28	ug/L	0.28	0.90	S-8260A	11/12/1997	348
4-Chlorotoluene	<0.47	ug/L	0.47	1.5	S-8260A	11/12/1997	348
1,2-Dibromo-3-Chloropropane	<1.4	ug/L	1.4	4.5	S-8260A	11/12/1997	348
1,2-Dibromoethane (EDB)	<0.16	ug/L	0.16	0.51	S-8260A	11/12/1997	348
Dibromomethane	<0.11	ug/L	0.11	0.36	S-8260A	11/12/1997	348
1,2-Dichlorobenzene	<0.20	ug/L	0.20	0.64	S-8260A	11/12/1997	348
1,3-Dichlorobenzene	<0.22	ug/L	0.22	0.71	S-8260A	11/12/1997	348
1,4-Dichlorobenzene	<0.35	ug/L	0.35	1.1	S-8260A	11/12/1997	348
Dichlorodifluoromethane	<0.49	ug/L	0.49	1.6	S-8260A	11/12/1997	348
1,1-Dichloroethane	<0.25	ug/L	0.25	0.79	S-8260A	11/12/1997	348
1,2-Dichloroethane	<0.20	ug/L	0.20	0.63	S-8260A	11/12/1997	348
1,1-Dichloroethene	<0.73	ug/L	0.73	2.3	S-8260A	11/12/1997	348
cis-1,2-Dichloroethene	<0.23	ug/L	0.23	0.74	S-8260A	11/12/1997	348
trans-1,2-Dichloroethene	<0.39	ug/L	0.39	1.2	S-8260A	11/12/1997	348
1,2-Dichloropropane	<0.29	ug/L	0.29	0.93	S-8260A	11/12/1997	348
1,3-Dichloropropane	<0.15	ug/L	0.15	0.46	S-8260A	11/12/1997	348



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WDNR No. 128053530

**ANALYTICAL REPORT**

Mr. Tim Mueller  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

11/19/1997  
Job No: 97.10471  
Sample No: 271134  
Account No: 52450  
Page 38

JOB DESCRIPTION: #1135 Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-104 #1135  
Goodman, WI  
Rec'd on ice

Date Taken: 10/29/1997

Date Received: 10/31/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
2,2-Dichloropropane	<0.37	ug/L	0.37	1.2	S-8260A	11/12/1997	348
1,1-Dichloropropane	<0.63	ug/L	0.63	2.0	S-8260A	11/12/1997	348
cis-1,3-Dichloropropene	<0.17	ug/L	0.17	0.56	S-8260A	11/12/1997	348
trans-1,3-Dichloropropene	<0.13	ug/L	0.13	0.42	S-8260A	11/12/1997	348
Di-isopropyl ether	<0.13	ug/L	0.13	0.41	S-8260A	11/12/1997	348
Ethylbenzene	<0.38	ug/L	0.38	1.2	S-8260A	11/12/1997	348
Hexachlorobutadiene	<0.37	ug/L	0.37	1.2	S-8260A	11/12/1997	348
Hexane	<1.7	ug/L	1.7	5.5	S-8260A	11/12/1997	348
Isopropylbenzene	<0.36	ug/L	0.36	1.1	S-8260A	11/12/1997	348
p-Isopropyltoluene	<0.35	ug/L	0.35	1.1	S-8260A	11/12/1997	348
Methylene Chloride	<0.87	ug/L	0.87	3.1	S-8260A	11/12/1997	348
4-Methyl-2-pentanone (MIBK)	<0.37	ug/L	0.37	1.2	S-8260A	11/12/1997	348
Methyl-t-butyl ether	<0.14	ug/L	0.14	0.45	S-8260A	11/12/1997	348
Naphthalene	<0.35	ug/L	0.35	1.1	S-8260A	11/12/1997	348
n-Propylbenzene	<0.46	ug/L	0.46	1.5	S-8260A	11/12/1997	348
Styrene	<0.16	ug/L	0.16	0.51	S-8260A	11/12/1997	348
1,1,1,2-Tetrachloroethane	<0.11	ug/L	0.11	0.34	S-8260A	11/12/1997	348
1,1,2,2-Tetrachloroethane	<0.39	ug/L	0.39	1.3	S-8260A	11/12/1997	348
Tetrachloroethene	<0.63	ug/L	0.63	2.0	S-8260A	11/12/1997	348
Tetrahydrofuran	<1.9	ug/L	1.9	6.1	S-8260A	11/12/1997	348
Toluene	<0.39	ug/L	0.39	1.3	S-8260A	11/12/1997	348
1,2,3-Trichlorobenzene	<0.32	ug/L	0.32	1.0	S-8260A	11/12/1997	348
1,2,4-Trichlorobenzene	<0.18	ug/L	0.18	0.57	S-8260A	11/12/1997	348
1,1,1-Trichloroethane	<0.28	ug/L	0.28	0.88	S-8260A	11/12/1997	348
1,1,2-Trichloroethane	<0.15	ug/L	0.15	0.46	S-8260A	11/12/1997	348
Trichloroethene	<0.49	ug/L	0.49	1.6	S-8260A	11/12/1997	348
Trichlorofluoromethane	<0.58	ug/L	0.58	1.8	S-8260A	11/12/1997	348
1,2,3-Trichloropropane	<0.23	ug/L	0.23	0.90	S-8260A	11/12/1997	348
1,2,4-Trimethylbenzene	<0.32	ug/L	0.32	1.0	S-8260A	11/12/1997	348
1,3,5-Trimethylbenzene	<0.33	ug/L	0.33	1.0	S-8260A	11/12/1997	348
Vinyl Chloride	<0.46	ug/L	0.46	1.5	S-8260A	11/12/1997	348
Xylenes, Total	<1.1	ug/L	1.1	3.5	S-8260A	11/12/1997	348
Surr: Dibromofluoromethane	108.2	%	n/a	n/a	S-8260A	11/12/1997	348
Surr: Toluene-d8	C 131.4	%	n/a	n/a	S-8260A	11/12/1997	348
Surr: Bromofluorobenzene	C 66.2	%	n/a	n/a	S-8260A	11/12/1997	348
Ethyl Acetate	ND	ug/L			S-8240	11/12/1997	2



### ANALYTICAL REPORT

Mr. Tim Mueller  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

11/19/1997  
Job No: 97.10471  
Sample No: 271135  
Account No: 52450  
Page 39

JOB DESCRIPTION: #1135 Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-105 #1135  
Goodman, WI  
Rec'd on ice

Date Taken: 10/30/1997

Date Received: 10/31/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
VOC - AQUEOUS - EPA 8260A							
Acetone	2,700	ug/L	3.0	9.7	S-8260A	11/13/1997	350
Acrolein	<64	ug/L	3.2	10	S-8260A	11/13/1997	350
Acrylonitrile	<40	ug/L	2.0	6.5	S-8260A	11/13/1997	350
Benzene	<6.2	ug/L	0.31	0.98	S-8260A	11/13/1997	350
Bromobenzene	<4.0	ug/L	0.20	0.64	S-8260A	11/13/1997	350
Bromochloromethane	<6.4	ug/L	0.32	1.0	S-8260A	11/13/1997	350
Bromodichloromethane	<4.0	ug/L	0.20	0.63	S-8260A	11/13/1997	350
Bromoform	<2.8	ug/L	0.14	0.45	S-8260A	11/13/1997	350
Bromomethane	<9.2	ug/L	0.46	1.5	S-8260A	11/13/1997	350
2-Butanone (MEK)	<40	ug/L	2.0	2.0	S-8260A	11/13/1997	350
n-Butylbenzene	<8.8	ug/L	0.44	1.4	S-8260A	11/13/1997	350
sec-Butylbenzene	<9.0	ug/L	0.45	1.4	S-8260A	11/13/1997	350
tert-Butylbenzene	<7.6	ug/L	0.38	1.2	S-8260A	11/13/1997	350
Carbon Disulfide	<20	ug/L	1.0	1.0	S-8260A	11/13/1997	350
Carbon Tetrachloride	<8.0	ug/L	0.40	1.3	S-8260A	11/13/1997	350
Chlorobenzene	<4.4	ug/L	0.22	0.69	S-8260A	11/13/1997	350
Chlorodibromomethane	<2.0	ug/L	0.10	0.33	S-8260A	11/13/1997	350
Chloroethane	<24	ug/L	1.2	3.9	S-8260A	11/13/1997	350
Chloroform	<3.6	ug/L	0.18	0.58	S-8260A	11/13/1997	350
Chloromethane	<7.6	ug/L	0.38	1.2	S-8260A	11/13/1997	350
2-Chlorotoluene	<5.6	ug/L	0.28	0.90	S-8260A	11/13/1997	350
4-Chlorotoluene	<9.4	ug/L	0.47	1.5	S-8260A	11/13/1997	350
1,2-Dibromo-3-Chloropropane	<28	ug/L	1.4	4.5	S-8260A	11/13/1997	350
1,2-Dibromoethane (EDB)	<3.2	ug/L	0.16	0.51	S-8260A	11/13/1997	350
Dibromomethane	<2.2	ug/L	0.11	0.36	S-8260A	11/13/1997	350
1,2-Dichlorobenzene	<4.0	ug/L	0.20	0.64	S-8260A	11/13/1997	350
1,3-Dichlorobenzene	<4.4	ug/L	0.22	0.71	S-8260A	11/13/1997	350
1,4-Dichlorobenzene	<7.0	ug/L	0.35	1.1	S-8260A	11/13/1997	350
Dichlorodifluoromethane	<9.8	ug/L	0.49	1.6	S-8260A	11/13/1997	350
1,1-Dichloroethane	<5.0	ug/L	0.25	0.79	S-8260A	11/13/1997	350
1,2-Dichloroethane	<4.0	ug/L	0.20	0.63	S-8260A	11/13/1997	350
1,1-Dichloroethene	<15	ug/L	0.73	2.3	S-8260A	11/13/1997	350
cis-1,2-Dichloroethene	<4.6	ug/L	0.23	0.74	S-8260A	11/13/1997	350
trans-1,2-Dichloroethene	<7.8	ug/L	0.39	1.2	S-8260A	11/13/1997	350
1,2-Dichloropropane	<5.8	ug/L	0.29	0.93	S-8260A	11/13/1997	350
1,3-Dichloropropane	<3.0	ug/L	0.15	0.46	S-8260A	11/13/1997	350



**NATIONAL ENVIRONMENTAL TESTING, INC.**

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WDNR No. 128053530

**ANALYTICAL REPORT**

Mr. Tim Mueller  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

11/19/1997  
Job No: 97.10471  
Sample No: 271135  
Account No: 52450  
Page 40

JOB DESCRIPTION: #1135 Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-105 #1135  
Goodman, WI  
Rec'd on ice

Date Taken: 10/30/1997

Date Received: 10/31/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
2,2-Dichloropropane	<7.4	ug/L	0.37	1.2	S-8260A	11/13/1997	350
1,1-Dichloropropane	<13	ug/L	0.63	2.0	S-8260A	11/13/1997	350
cis-1,3-Dichloropropene	<3.4	ug/L	0.17	0.56	S-8260A	11/13/1997	350
trans-1,3-Dichloropropene	<2.6	ug/L	0.13	0.42	S-8260A	11/13/1997	350
Di-isopropyl ether	<2.6	ug/L	0.13	0.41	S-8260A	11/13/1997	350
Ethylbenzene	<7.6	ug/L	0.38	1.2	S-8260A	11/13/1997	350
Hexachlorobutadiene	<7.4	ug/L	0.37	1.2	S-8260A	11/13/1997	350
Hexane	<34	ug/L	1.7	5.5	S-8260A	11/13/1997	350
Isopropylbenzene	<7.2	ug/L	0.36	1.1	S-8260A	11/13/1997	350
p-Isopropyltoluene	<7.0	ug/L	0.35	1.1	S-8260A	11/13/1997	350
Methylene Chloride	<17	ug/L	0.87	3.1	S-8260A	11/13/1997	350
4-Methyl-2-pentanone (MIBK)	<7.4	ug/L	0.37	1.2	S-8260A	11/13/1997	350
Methyl-t-butyl ether	<2.8	ug/L	0.14	0.45	S-8260A	11/13/1997	350
Naphthalene	<7.0	ug/L	0.35	1.1	S-8260A	11/13/1997	350
n-Propylbenzene	<9.2	ug/L	0.46	1.5	S-8260A	11/13/1997	350
Styrene	<3.2	ug/L	0.16	0.51	S-8260A	11/13/1997	350
1,1,1,2-Tetrachloroethane	<2.2	ug/L	0.11	0.34	S-8260A	11/13/1997	350
1,1,2,2-Tetrachloroethane	<7.8	ug/L	0.39	1.3	S-8260A	11/13/1997	350
Tetrachloroethene	<13	ug/L	0.63	2.0	S-8260A	11/13/1997	350
Tetrahydrofuran	<38	ug/L	1.9	6.1	S-8260A	11/13/1997	350
Toluene	89	ug/L	0.39	1.3	S-8260A	11/13/1997	350
1,2,3-Trichlorobenzene	<6.4	ug/L	0.32	1.0	S-8260A	11/13/1997	350
1,2,4-Trichlorobenzene	<3.6	ug/L	0.18	0.57	S-8260A	11/13/1997	350
1,1,1-Trichloroethane	440	ug/L	0.28	0.88	S-8260A	11/13/1997	350
1,1,2-Trichloroethane	<3.0	ug/L	0.15	0.46	S-8260A	11/13/1997	350
Trichloroethene	<9.8	ug/L	0.49	1.6	S-8260A	11/13/1997	350
Trichlorofluoromethane	<12	ug/L	0.58	1.8	S-8260A	11/13/1997	350
1,2,3-Trichloropropane	<5.6	ug/L	0.28	0.90	S-8260A	11/13/1997	350
1,2,4-Trimethylbenzene	<6.4	ug/L	0.32	1.0	S-8260A	11/13/1997	350
1,3,5-Trimethylbenzene	<6.6	ug/L	0.33	1.0	S-8260A	11/13/1997	350
Vinyl Chloride	<9.2	ug/L	0.46	1.5	S-8260A	11/13/1997	350
Xylenes, Total	<22	ug/L	1.1	3.6	S-8260A	11/13/1997	350
Surr: Dibromofluoromethane	108.0	%	n/a	n/a	S-8260A	11/13/1997	350
Surr: Toluene-d8	102.0	%	n/a	n/a	S-8260A	11/13/1997	350
Surr: Bromofluorobenzene	96.2	%	n/a	n/a	S-8260A	11/13/1997	350
Ethyl Acetate	ND	ug/L			S-8240	11/13/1997	1



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WDNR No. 128053530

ANALYTICAL REPORT

Mr. Tim Mueller  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

11/19/1997  
Job No: 97.10471  
Sample No: 271136  
Account No: 52450  
Page 41

JOB DESCRIPTION: #1135 Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: PZ-102 #1135  
Goodman, WI  
Rec'd on ice

Date Taken: 10/30/1997

Date Received: 10/31/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
VOC - AQUEOUS - EPA 8260A							
Acetone	<3.0	ug/L	3.0	9.7	S-8260A	11/13/1997	350
Acrolein	<3.2	ug/L	3.2	10	S-8260A	11/13/1997	350
Acrylonitrile	<2.0	ug/L	2.0	6.5	S-8260A	11/13/1997	350
Benzene	<0.31	ug/L	0.31	0.98	S-8260A	11/13/1997	350
Bromobenzene	<0.20	ug/L	0.20	0.64	S-8260A	11/13/1997	350
Bromochloromethane	<0.32	ug/L	0.32	1.0	S-8260A	11/13/1997	350
Bromodichloromethane	<0.20	ug/L	0.20	0.63	S-8260A	11/13/1997	350
Bromoform	<0.14	ug/L	0.14	0.45	S-8260A	11/13/1997	350
Bromomethane	<0.46	ug/L	0.46	1.5	S-8260A	11/13/1997	350
2-Butanone (MEK)	<2.0	ug/L	2.0	2.0	S-8260A	11/13/1997	350
n-Butylbenzene	<0.44	ug/L	0.44	1.4	S-8260A	11/13/1997	350
sec-Butylbenzene	<0.45	ug/L	0.45	1.4	S-8260A	11/13/1997	350
tert-Butylbenzene	<0.38	ug/L	0.38	1.2	S-8260A	11/13/1997	350
Carbon Disulfide	<1.0	ug/L	1.0	1.0	S-8260A	11/13/1997	350
Carbon Tetrachloride	<0.40	ug/L	0.40	1.3	S-8260A	11/13/1997	350
Chlorobenzene	<0.22	ug/L	0.22	0.69	S-8260A	11/13/1997	350
Chlorodibromomethane	<0.10	ug/L	0.10	0.33	S-8260A	11/13/1997	350
Chloroethane	<1.2	ug/L	1.2	3.9	S-8260A	11/13/1997	350
Chloroform	<0.18	ug/L	0.18	0.58	S-8260A	11/13/1997	350
Chloromethane	<0.38	ug/L	0.38	1.2	S-8260A	11/13/1997	350
2-Chlorotoluene	<0.28	ug/L	0.28	0.90	S-8260A	11/13/1997	350
4-Chlorotoluene	<0.47	ug/L	0.47	1.5	S-8260A	11/13/1997	350
1,2-Dibromo-3-Chloropropane	<1.4	ug/L	1.4	4.5	S-8260A	11/13/1997	350
1,2-Dibromoethane (EDB)	<0.16	ug/L	0.16	0.51	S-8260A	11/13/1997	350
Dibromomethane	<0.11	ug/L	0.11	0.36	S-8260A	11/13/1997	350
1,2-Dichlorobenzene	<0.20	ug/L	0.20	0.64	S-8260A	11/13/1997	350
1,3-Dichlorobenzene	<0.22	ug/L	0.22	0.71	S-8260A	11/13/1997	350
1,4-Dichlorobenzene	<0.35	ug/L	0.35	1.1	S-8260A	11/13/1997	350
Dichlorodifluoromethane	<0.49	ug/L	0.49	1.6	S-8260A	11/13/1997	350
1,1-Dichloroethane	<0.25	ug/L	0.25	0.79	S-8260A	11/13/1997	350
1,2-Dichloroethane	<0.20	ug/L	0.20	0.63	S-8260A	11/13/1997	350
1,1-Dichloroethene	<0.73	ug/L	0.73	2.3	S-8260A	11/13/1997	350
cis-1,2-Dichloroethene	<0.23	ug/L	0.23	0.74	S-8260A	11/13/1997	350
trans-1,2-Dichloroethene	<0.39	ug/L	0.39	1.2	S-8260A	11/13/1997	350
1,2-Dichloropropane	<0.29	ug/L	0.29	0.93	S-8260A	11/13/1997	350
1,3-Dichloropropane	<0.15	ug/L	0.15	0.46	S-8260A	11/13/1997	350



NATIONAL  
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WDNR No. 128053530

## ANALYTICAL REPORT

Mr. Tim Mueller  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

11/19/1997  
Job No: 97.10471  
Sample No: 271136  
Account No: 52450  
Page 42

JOB DESCRIPTION: #1135 Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: PZ-102 #1135  
Goodman, WI  
Rec'd on ice

Date Taken: 10/30/1997

Date Received: 10/31/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
2,2-Dichloropropane	<0.37	ug/L	0.37	1.2	S-8260A	11/13/1997	350
1,1-Dichloropropane	<0.63	ug/L	0.63	2.0	S-8260A	11/13/1997	350
cis-1,3-Dichloropropene	<0.17	ug/L	0.17	0.56	S-8260A	11/13/1997	350
trans-1,3-Dichloropropene	<0.13	ug/L	0.13	0.42	S-8260A	11/13/1997	350
Di-isopropyl ether	<0.13	ug/L	0.13	0.41	S-8260A	11/13/1997	350
Ethylbenzene	<0.38	ug/L	0.38	1.2	S-8260A	11/13/1997	350
Hexachlorobutadiene	<0.37	ug/L	0.37	1.2	S-8260A	11/13/1997	350
Hexane	<1.7	ug/L	1.7	5.5	S-8260A	11/13/1997	350
Isopropylbenzene	<0.36	ug/L	0.36	1.1	S-8260A	11/13/1997	350
p-Isopropyltoluene	<0.35	ug/L	0.35	1.1	S-8260A	11/13/1997	350
Methylene Chloride	<0.87	ug/L	0.87	3.1	S-8260A	11/13/1997	350
4-Methyl-2-pentanone (MIBK)	<0.37	ug/L	0.37	1.2	S-8260A	11/13/1997	350
Methyl-t-butyl ether	<0.14	ug/L	0.14	0.45	S-8260A	11/13/1997	350
Naphthalene	<0.35	ug/L	0.35	1.1	S-8260A	11/13/1997	350
n-Propylbenzene	<0.46	ug/L	0.46	1.5	S-8260A	11/13/1997	350
Styrene	<0.16	ug/L	0.16	0.51	S-8260A	11/13/1997	350
1,1,1,2-Tetrachloroethane	<0.11	ug/L	0.11	0.34	S-8260A	11/13/1997	350
1,1,2,2-Tetrachloroethane	<0.39	ug/L	0.39	1.3	S-8260A	11/13/1997	350
Tetrachloroethene	<0.63	ug/L	0.63	2.0	S-8260A	11/13/1997	350
Tetrahydrofuran	<1.9	ug/L	1.9	6.1	S-8260A	11/13/1997	350
Toluene	0.39	ug/L	0.39	1.3	S-8260A	11/13/1997	350
1,2,3-Trichlorobenzene	<0.32	ug/L	0.32	1.0	S-8260A	11/13/1997	350
1,2,4-Trichlorobenzene	<0.18	ug/L	0.18	0.57	S-8260A	11/13/1997	350
1,1,1-Trichloroethane	4.3	ug/L	0.28	0.88	S-8260A	11/13/1997	350
1,1,2-Trichloroethane	<0.15	ug/L	0.15	0.46	S-8260A	11/13/1997	350
Trichloroethene	<0.49	ug/L	0.49	1.6	S-8260A	11/13/1997	350
Trichlorofluoromethane	<0.58	ug/L	0.58	1.8	S-8260A	11/13/1997	350
1,2,3-Trichloropropane	<0.28	ug/L	0.28	0.90	S-8260A	11/13/1997	350
1,2,4-Trimethylbenzene	<0.32	ug/L	0.32	1.0	S-8260A	11/13/1997	350
1,3,5-Trimethylbenzene	<0.33	ug/L	0.33	1.0	S-8260A	11/13/1997	350
Vinyl Chloride	<0.46	ug/L	0.46	1.5	S-8260A	11/13/1997	350
Xylenes, Total	<1.1	ug/L	1.1	3.6	S-8260A	11/13/1997	350
Surr: Dibromofluoromethane	108.2	%	n/a	n/a	S-8260A	11/13/1997	350
Surr: Toluene-d8	101.8	%	n/a	n/a	S-8260A	11/13/1997	350
Surr: Bromofluorobenzene	95.8	%	n/a	n/a	S-8260A	11/13/1997	350
Ethyl Acetate	ND	ug/L			S-8240	11/13/1997	1





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WDNR No. 128053530

ANALYTICAL REPORT

Mr. Tim Mueller  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

11/19/1997  
Job No: 97.10471  
Sample No: 271137  
Account No: 52450  
Page 43

JOB DESCRIPTION: #1135 Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-106 #1135  
Goodman, WI  
Rec'd on ice

Date Taken: 10/30/1997

Date Received: 10/31/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
VOC - AQUEOUS - EPA 8260A							
Acetone	<3.0	ug/L	3.0	9.7	S-8260A	11/13/1997	350
Acrolein	8.1	ug/L	3.2	10	S-8260A	11/13/1997	350
Acrylonitrile	<2.0	ug/L	2.0	6.5	S-8260A	11/13/1997	350
Benzene	<0.31	ug/L	0.31	0.98	S-8260A	11/13/1997	350
Bromobenzene	<0.20	ug/L	0.20	0.64	S-8260A	11/13/1997	350
Bromochloromethane	<0.32	ug/L	0.32	1.0	S-8260A	11/13/1997	350
Bromodichloromethane	<0.20	ug/L	0.20	0.63	S-8260A	11/13/1997	350
Bromoform	<0.14	ug/L	0.14	0.45	S-8260A	11/13/1997	350
Bromomethane	<0.46	ug/L	0.46	1.5	S-8260A	11/13/1997	350
2-Butanone (MEK)	<2.0	ug/L	2.0	2.0	S-8260A	11/13/1997	350
n-Butylbenzene	<0.44	ug/L	0.44	1.4	S-8260A	11/13/1997	350
sec-Butylbenzene	<0.45	ug/L	0.45	1.4	S-8260A	11/13/1997	350
tert-Butylbenzene	<0.38	ug/L	0.38	1.2	S-8260A	11/13/1997	350
Carbon Disulfide	<1.0	ug/L	1.0	1.0	S-8260A	11/13/1997	350
Carbon Tetrachloride	<0.40	ug/L	0.40	1.3	S-8260A	11/13/1997	350
Chlorobenzene	<0.22	ug/L	0.22	0.69	S-8260A	11/13/1997	350
Chlorodibromomethane	<0.10	ug/L	0.10	0.33	S-8260A	11/13/1997	350
Chloroethane	<1.2	ug/L	1.2	3.9	S-8260A	11/13/1997	350
Chloroform	<0.18	ug/L	0.18	0.58	S-8260A	11/13/1997	350
Chloromethane	<0.38	ug/L	0.38	1.2	S-8260A	11/13/1997	350
2-Chlorotoluene	<0.28	ug/L	0.28	0.90	S-8260A	11/13/1997	350
4-Chlorotoluene	<0.47	ug/L	0.47	1.5	S-8260A	11/13/1997	350
1,2-Dibromo-3-Chloropropane	<1.4	ug/L	1.4	4.5	S-8260A	11/13/1997	350
1,2-Dibromoethane (EDB)	<0.16	ug/L	0.16	0.51	S-8260A	11/13/1997	350
Dibromomethane	<0.11	ug/L	0.11	0.36	S-8260A	11/13/1997	350
1,2-Dichlorobenzene	<0.20	ug/L	0.20	0.64	S-8260A	11/13/1997	350
1,3-Dichlorobenzene	<0.22	ug/L	0.22	0.71	S-8260A	11/13/1997	350
1,4-Dichlorobenzene	<0.35	ug/L	0.35	1.1	S-8260A	11/13/1997	350
Dichlorodifluoromethane	<0.49	ug/L	0.49	1.6	S-8260A	11/13/1997	350
1,1-Dichloroethane	8.9	ug/L	0.25	0.79	S-8260A	11/13/1997	350
1,2-Dichloroethane	<0.20	ug/L	0.20	0.63	S-8260A	11/13/1997	350
1,1-Dichloroethene	1.4	ug/L	0.73	2.3	S-8260A	11/13/1997	350
cis-1,2-Dichloroethene	<0.23	ug/L	0.23	0.74	S-8260A	11/13/1997	350
trans-1,2-Dichloroethene	<0.39	ug/L	0.39	1.2	S-8260A	11/13/1997	350
1,2-Dichloropropane	<0.29	ug/L	0.29	0.93	S-8260A	11/13/1997	350
1,3-Dichloropropane	<0.15	ug/L	0.15	0.46	S-8260A	11/13/1997	350



NATIONAL ENVIRONMENTAL TESTING, INC.

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WDNR No. 128053530

## ANALYTICAL REPORT

Mr. Tim Mueller  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

11/19/1997  
Job No: 97.10471  
Sample No: 271137  
Account No: 52450  
Page 44

JOB DESCRIPTION: #1135 Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-106 #1135  
Goodman, WI  
Rec'd on ice

Date Taken: 10/30/1997

Date Received: 10/31/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
2,2-Dichloropropane	<0.37	ug/L	0.37	1.2	S-8260A	11/13/1997	350
1,1-Dichloropropene	<0.63	ug/L	0.63	2.0	S-8260A	11/13/1997	350
cis-1,3-Dichloropropene	<0.17	ug/L	0.17	0.56	S-8260A	11/13/1997	350
trans-1,3-Dichloropropene	<0.13	ug/L	0.13	0.42	S-8260A	11/13/1997	350
Di-isopropyl ether	<0.13	ug/L	0.13	0.41	S-8260A	11/13/1997	350
Ethylbenzene	<0.38	ug/L	0.38	1.2	S-8260A	11/13/1997	350
Hexachlorobutadiene	<0.37	ug/L	0.37	1.2	S-8260A	11/13/1997	350
Hexane	<1.7	ug/L	1.7	5.5	S-8260A	11/13/1997	350
Isopropylbenzene	<0.36	ug/L	0.36	1.1	S-8260A	11/13/1997	350
p-Isopropyltoluene	<0.35	ug/L	0.35	1.1	S-8260A	11/13/1997	350
Methylene Chloride	<0.87	ug/L	0.87	3.1	S-8260A	11/13/1997	350
4-Methyl-2-pentanone (MIBK)	<0.37	ug/L	0.37	1.2	S-8260A	11/13/1997	350
Methyl-t-butyl ether	<0.14	ug/L	0.14	0.45	S-8260A	11/13/1997	350
Naphthalene	<0.35	ug/L	0.35	1.1	S-8260A	11/13/1997	350
n-Propylbenzene	<0.46	ug/L	0.46	1.5	S-8260A	11/13/1997	350
Styrene	<0.16	ug/L	0.16	0.51	S-8260A	11/13/1997	350
1,1,1,2-Tetrachloroethane	<0.11	ug/L	0.11	0.34	S-8260A	11/13/1997	350
1,1,2,2-Tetrachloroethane	<0.39	ug/L	0.39	1.3	S-8260A	11/13/1997	350
Tetrachloroethene	<0.63	ug/L	0.63	2.0	S-8260A	11/13/1997	350
Tetrahydrofuran	<1.9	ug/L	1.9	6.1	S-8260A	11/13/1997	350
Toluene	<0.39	ug/L	0.39	1.3	S-8260A	11/13/1997	350
1,2,3-Trichlorobenzene	<0.32	ug/L	0.32	1.0	S-8260A	11/13/1997	350
1,2,4-Trichlorobenzene	<0.18	ug/L	0.18	0.57	S-8260A	11/13/1997	350
1,1,1-Trichloroethane	31	ug/L	0.28	0.88	S-8260A	11/13/1997	350
1,1,2-Trichloroethane	<0.15	ug/L	0.15	0.46	S-8260A	11/13/1997	350
Trichloroethene	<0.49	ug/L	0.49	1.6	S-8260A	11/13/1997	350
Trichlorofluoromethane	<0.58	ug/L	0.58	1.8	S-8260A	11/13/1997	350
1,2,3-Trichloropropane	<0.28	ug/L	0.28	0.90	S-8260A	11/13/1997	350
1,2,4-Trimethylbenzene	<0.32	ug/L	0.32	1.0	S-8260A	11/13/1997	350
1,3,5-Trimethylbenzene	<0.33	ug/L	0.33	1.0	S-8260A	11/13/1997	350
Vinyl Chloride	<0.46	ug/L	0.46	1.5	S-8260A	11/13/1997	350
Xylenes, Total	<1.1	ug/L	1.1	3.6	S-8260A	11/13/1997	350
Surr: Dibromofluoromethane	109.4	%	n/a	n/a	S-8260A	11/13/1997	350
Surr: Toluene-d8	102.2	%	n/a	n/a	S-8260A	11/13/1997	350
Surr: Bromofluorobenzene	96.0	%	n/a	n/a	S-8260A	11/13/1997	350
Ethyl Acetate	ND	ug/L			S-8240	11/13/1997	1



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WDNR No. 128053530

### ANALYTICAL REPORT

Mr. Tim Mueller  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

11/19/1997  
Job No: 97.10471  
Sample No: 271138  
Account No: 52450  
Page 45

JOB DESCRIPTION: #1135 Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: PZ-103 #1135  
Goodman, WI  
Rec'd on ice

Date Taken: 10/30/1997

Date Received: 10/31/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
VOC - AQUEOUS - EPA 8260A							
Acetone	<3.0	ug/L	3.0	9.7	S-8260A	11/13/1997	350
Acrolein	<3.2	ug/L	3.2	10	S-8260A	11/13/1997	350
Acrylonitrile	<2.0	ug/L	2.0	6.5	S-8260A	11/13/1997	350
Benzene	<0.31	ug/L	0.31	0.98	S-8260A	11/13/1997	350
Bromobenzene	<0.20	ug/L	0.20	0.64	S-8260A	11/13/1997	350
Bromochloromethane	<0.32	ug/L	0.32	1.0	S-8260A	11/13/1997	350
Bromodichloromethane	<0.20	ug/L	0.20	0.63	S-8260A	11/13/1997	350
Bromoform	<0.14	ug/L	0.14	0.45	S-8260A	11/13/1997	350
Bromomethane	<0.46	ug/L	0.46	1.5	S-8260A	11/13/1997	350
2-Butanone (MEK)	<2.0	ug/L	2.0	2.0	S-8260A	11/13/1997	350
n-Butylbenzene	<0.44	ug/L	0.44	1.4	S-8260A	11/13/1997	350
sec-Butylbenzene	<0.45	ug/L	0.45	1.4	S-8260A	11/13/1997	350
tert-Butylbenzene	<0.38	ug/L	0.38	1.2	S-8260A	11/13/1997	350
Carbon Disulfide	<1.0	ug/L	1.0	1.0	S-8260A	11/13/1997	350
Carbon Tetrachloride	<0.40	ug/L	0.40	1.3	S-8260A	11/13/1997	350
Chlorobenzene	<0.22	ug/L	0.22	0.69	S-8260A	11/13/1997	350
Chlorodibromomethane	<0.10	ug/L	0.10	0.33	S-8260A	11/13/1997	350
Chloroethane	<1.2	ug/L	1.2	3.9	S-8260A	11/13/1997	350
Chloroform	<0.18	ug/L	0.18	0.58	S-8260A	11/13/1997	350
Chloromethane	<0.38	ug/L	0.38	1.2	S-8260A	11/13/1997	350
2-Chlorotoluene	<0.28	ug/L	0.28	0.90	S-8260A	11/13/1997	350
4-Chlorotoluene	<0.47	ug/L	0.47	1.5	S-8260A	11/13/1997	350
1,2-Dibromo-3-Chloropropane	<1.4	ug/L	1.4	4.5	S-8260A	11/13/1997	350
1,2-Dibromoethane (EDB)	<0.16	ug/L	0.16	0.51	S-8260A	11/13/1997	350
Dibromomethane	<0.11	ug/L	0.11	0.36	S-8260A	11/13/1997	350
1,2-Dichlorobenzene	<0.20	ug/L	0.20	0.64	S-8260A	11/13/1997	350
1,3-Dichlorobenzene	<0.22	ug/L	0.22	0.71	S-8260A	11/13/1997	350
1,4-Dichlorobenzene	<0.35	ug/L	0.35	1.1	S-8260A	11/13/1997	350
Dichlorodifluoromethane	<0.49	ug/L	0.49	1.6	S-8260A	11/13/1997	350
1,1-Dichloroethane	<0.25	ug/L	0.25	0.79	S-8260A	11/13/1997	350
1,2-Dichloroethane	<0.20	ug/L	0.20	0.63	S-8260A	11/13/1997	350
1,1-Dichloroethene	<0.73	ug/L	0.73	2.3	S-8260A	11/13/1997	350
cis-1,2-Dichloroethene	<0.23	ug/L	0.23	0.74	S-8260A	11/13/1997	350
trans-1,2-Dichloroethene	<0.39	ug/L	0.39	1.2	S-8260A	11/13/1997	350
1,2-Dichloropropane	<0.29	ug/L	0.29	0.93	S-8260A	11/13/1997	350
1,3-Dichloropropane	<0.15	ug/L	0.15	0.46	S-8260A	11/13/1997	350



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WDNR No. 128053530

## ANALYTICAL REPORT

Mr. Tim Mueller  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

11/19/1997  
Job No: 97.10471  
Sample No: 271138  
Account No: 52450  
Page 46

JOB DESCRIPTION: #1135 Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: PZ-103 #1135  
Goodman, WI  
Rec'd on ice

Date Taken: 10/30/1997

Date Received: 10/31/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
2,2-Dichloropropane	<0.37	ug/L	0.37	1.2	S-8260A	11/13/1997	350
1,1-Dichloropropene	<0.63	ug/L	0.63	2.0	S-8260A	11/13/1997	350
cis-1,3-Dichloropropene	<0.17	ug/L	0.17	0.56	S-8260A	11/13/1997	350
trans-1,3-Dichloropropene	<0.13	ug/L	0.13	0.42	S-8260A	11/13/1997	350
Di-isopropyl ether	<0.13	ug/L	0.13	0.41	S-8260A	11/13/1997	350
Ethylbenzene	<0.38	ug/L	0.38	1.2	S-8260A	11/13/1997	350
Hexachlorobutadiene	<0.37	ug/L	0.37	1.2	S-8260A	11/13/1997	350
Hexane	<1.7	ug/L	1.7	5.5	S-8260A	11/13/1997	350
Isopropylbenzene	<0.36	ug/L	0.36	1.1	S-8260A	11/13/1997	350
p-Isopropyltoluene	<0.35	ug/L	0.35	1.1	S-8260A	11/13/1997	350
Methylene Chloride	<0.87	ug/L	0.87	3.1	S-8260A	11/13/1997	350
4-Methyl-2-pentanone (MIBK)	<0.37	ug/L	0.37	1.2	S-8260A	11/13/1997	350
Methyl-t-butyl ether	<0.14	ug/L	0.14	0.45	S-8260A	11/13/1997	350
Naphthalene	<0.35	ug/L	0.35	1.1	S-8260A	11/13/1997	350
n-Propylbenzene	<0.46	ug/L	0.46	1.5	S-8260A	11/13/1997	350
Styrene	<0.16	ug/L	0.16	0.51	S-8260A	11/13/1997	350
1,1,1,2-Tetrachloroethane	<0.11	ug/L	0.11	0.34	S-8260A	11/13/1997	350
1,1,2,2-Tetrachloroethane	<0.39	ug/L	0.39	1.3	S-8260A	11/13/1997	350
Tetrachloroethene	<0.63	ug/L	0.63	2.0	S-8260A	11/13/1997	350
Tetrahydrofuran	<1.9	ug/L	1.9	6.1	S-8260A	11/13/1997	350
Toluene	<0.39	ug/L	0.39	1.3	S-8260A	11/13/1997	350
1,2,3-Trichlorobenzene	<0.32	ug/L	0.32	1.0	S-8260A	11/13/1997	350
1,2,4-Trichlorobenzene	<0.18	ug/L	0.18	0.57	S-8260A	11/13/1997	350
1,1,1-Trichloroethane	<0.28	ug/L	0.28	0.88	S-8260A	11/13/1997	350
1,1,2-Trichloroethane	<0.15	ug/L	0.15	0.46	S-8260A	11/13/1997	350
Trichloroethene	<0.49	ug/L	0.49	1.6	S-8260A	11/13/1997	350
Trichlorofluoromethane	<0.58	ug/L	0.58	1.8	S-8260A	11/13/1997	350
1,2,3-Trichloropropane	<0.28	ug/L	0.28	0.90	S-8260A	11/13/1997	350
1,2,4-Trimethylbenzene	<0.32	ug/L	0.32	1.0	S-8260A	11/13/1997	350
1,3,5-Trimethylbenzene	<0.33	ug/L	0.33	1.0	S-8260A	11/13/1997	350
Vinyl Chloride	<0.46	ug/L	0.46	1.5	S-8260A	11/13/1997	350
Xylenes, Total	<1.1	ug/L	1.1	3.6	S-8260A	11/13/1997	350
Surr: Dibromofluoromethane	C 120.2	%	n/a	n/a	S-8260A	11/13/1997	350
Surr: Toluene-d8	102.5	%	n/a	n/a	S-8260A	11/13/1997	350
Surr: Bromofluorobenzene	95.8	%	n/a	n/a	S-8260A	11/13/1997	350
Ethyl Acetate	ND	ug/L			S-8240	11/13/1997	1



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**ANALYTICAL REPORT**

Mr. Tim Mueller  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

11/19/1997  
Job No: 97.10471  
Sample No: 271139  
Account No: 52450  
Page 47

JOB DESCRIPTION: #1135 Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-107 #1135  
Goodman, WI  
Rec'd on ice

Date Taken: 10/29/1997

Date Received: 10/31/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
VOC - AQUEOUS - EPA 8260A							
Acetone	<3.0	ug/L	3.0	9.7	S-8260A	11/12/1997	348
Acrolein	<3.2	ug/L	3.2	10	S-8260A	11/12/1997	348
Acrylonitrile	<2.0	ug/L	2.0	6.5	S-8260A	11/12/1997	348
Benzene	<0.31	ug/L	0.31	0.98	S-8260A	11/12/1997	348
Bromobenzene	<0.20	ug/L	0.20	0.64	S-8260A	11/12/1997	348
Bromochloromethane	<0.32	ug/L	0.32	1.0	S-8260A	11/12/1997	348
Bromodichloromethane	<0.20	ug/L	0.20	0.63	S-8260A	11/12/1997	348
Bromoform	<0.14	ug/L	0.14	0.45	S-8260A	11/12/1997	348
Bromomethane	<0.46	ug/L	0.46	1.5	S-8260A	11/12/1997	348
2-Butanone (MEK)	<2.0	ug/L	2.0	2.0	S-8260A	11/12/1997	348
n-Butylbenzene	<0.44	ug/L	0.44	1.4	S-8260A	11/12/1997	348
sec-Butylbenzene	<0.45	ug/L	0.45	1.4	S-8260A	11/12/1997	348
tert-Butylbenzene	<0.38	ug/L	0.38	1.2	S-8260A	11/12/1997	348
Carbon Disulfide	<1.0	ug/L	1.0	1.0	S-8260A	11/12/1997	348
Carbon Tetrachloride	<0.40	ug/L	0.40	1.3	S-8260A	11/12/1997	348
Chlorobenzene	<0.22	ug/L	0.22	0.69	S-8260A	11/12/1997	348
Chlorodibromomethane	<0.10	ug/L	0.10	0.33	S-8260A	11/12/1997	348
Chloroethane	<1.2	ug/L	1.2	3.9	S-8260A	11/12/1997	348
Chloroform	<0.18	ug/L	0.18	0.58	S-8260A	11/12/1997	348
Chloromethane	<0.38	ug/L	0.38	1.2	S-8260A	11/12/1997	348
2-Chlorotoluene	<0.28	ug/L	0.28	0.90	S-8260A	11/12/1997	348
4-Chlorotoluene	<0.47	ug/L	0.47	1.5	S-8260A	11/12/1997	348
1,2-Dibromo-3-Chloropropane	<1.4	ug/L	1.4	4.5	S-8260A	11/12/1997	348
1,2-Dibromoethane (EDB)	<0.16	ug/L	0.16	0.51	S-8260A	11/12/1997	348
Dibromomethane	<0.11	ug/L	0.11	0.36	S-8260A	11/12/1997	348
1,2-Dichlorobenzene	<0.20	ug/L	0.20	0.64	S-8260A	11/12/1997	348
1,3-Dichlorobenzene	<0.22	ug/L	0.22	0.71	S-8260A	11/12/1997	348
1,4-Dichlorobenzene	<0.35	ug/L	0.35	1.1	S-8260A	11/12/1997	348
Dichlorodifluoromethane	<0.49	ug/L	0.49	1.6	S-8260A	11/12/1997	348
1,1-Dichloroethane	<0.25	ug/L	0.25	0.79	S-8260A	11/12/1997	348
1,2-Dichloroethane	<0.20	ug/L	0.20	0.63	S-8260A	11/12/1997	348
1,1-Dichloroethene	<0.73	ug/L	0.73	2.3	S-8260A	11/12/1997	348
cis-1,2-Dichloroethene	<0.23	ug/L	0.23	0.74	S-8260A	11/12/1997	348
trans-1,2-Dichloroethene	<0.39	ug/L	0.39	1.2	S-8260A	11/12/1997	348
1,2-Dichloropropane	<0.29	ug/L	0.29	0.93	S-8260A	11/12/1997	348
1,3-Dichloropropane	<0.15	ug/L	0.15	0.46	S-8260A	11/12/1997	348



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## ANALYTICAL REPORT

Mr. Tim Mueller  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

11/19/1997  
Job No: 97.10471  
Sample No: 271139  
Account No: 52450  
Page 48

JOB DESCRIPTION: #1135 Former American Graphics  
PROJECT DESCRIPTION: Groundwater Analysis  
SAMPLE DESCRIPTION: MW-107 #1135  
Goodman, WI  
Rec'd on ice

Date Taken: 10/29/1997

Date Received: 10/31/1997

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
2,2-Dichloropropane	<0.37	ug/L	0.37	1.2	S-8260A	11/12/1997	348
1,1-Dichloropropane	<0.63	ug/L	0.63	2.0	S-8260A	11/12/1997	348
cis-1,3-Dichloropropene	<0.17	ug/L	0.17	0.56	S-8260A	11/12/1997	348
trans-1,3-Dichloropropene	<0.13	ug/L	0.13	0.42	S-8260A	11/12/1997	348
Di-isopropyl ether	<0.13	ug/L	0.13	0.41	S-8260A	11/12/1997	348
Ethylbenzene	<0.38	ug/L	0.38	1.2	S-8260A	11/12/1997	348
Hexachlorobutadiene	<0.37	ug/L	0.37	1.2	S-8260A	11/12/1997	348
Hexane	<1.7	ug/L	1.7	5.5	S-8260A	11/12/1997	348
Isopropylbenzene	<0.36	ug/L	0.36	1.1	S-8260A	11/12/1997	348
p-Isopropyltoluene	<0.35	ug/L	0.35	1.1	S-8260A	11/12/1997	348
Methylene Chloride	<0.87	ug/L	0.87	3.1	S-8250A	11/12/1997	348
4-Methyl-2-pentanone (MIBK)	<0.37	ug/L	0.37	1.2	S-8260A	11/12/1997	348
Methyl-t-butyl ether	<0.14	ug/L	0.14	0.45	S-8260A	11/12/1997	348
Naphthalene	<0.35	ug/L	0.35	1.1	S-8260A	11/12/1997	348
n-Propylbenzene	<0.46	ug/L	0.46	1.5	S-8260A	11/12/1997	348
Styrene	<0.16	ug/L	0.16	0.51	S-8260A	11/12/1997	348
1,1,1,2-Tetrachloroethane	<0.11	ug/L	0.11	0.34	S-8260A	11/12/1997	348
1,1,2,2-Tetrachloroethane	<0.39	ug/L	0.39	1.3	S-8260A	11/12/1997	348
Tetrachloroethene	<0.63	ug/L	0.63	2.0	S-8260A	11/12/1997	348
Tetrahydrofuran	<1.9	ug/L	1.9	6.1	S-8260A	11/12/1997	348
Toluene	<0.39	ug/L	0.39	1.3	S-8260A	11/12/1997	348
1,2,3-Trichlorobenzene	<0.32	ug/L	0.32	1.0	S-8250A	11/12/1997	348
1,2,4-Trichlorobenzene	<0.18	ug/L	0.18	0.57	S-8260A	11/12/1997	348
1,1,1-Trichloroethane	<0.28	ug/L	0.28	0.88	S-8260A	11/12/1997	348
1,1,2-Trichloroethane	<0.15	ug/L	0.15	0.46	S-8260A	11/12/1997	348
Trichloroethene	<0.49	ug/L	0.49	1.6	S-8260A	11/12/1997	348
Trichlorofluoromethane	<0.58	ug/L	0.58	1.8	S-8260A	11/12/1997	348
1,2,3-Trichloropropane	<0.28	ug/L	0.28	0.90	S-8260A	11/12/1997	348
1,2,4-Trimethylbenzene	<0.32	ug/L	0.32	1.0	S-8260A	11/12/1997	348
1,3,5-Trimethylbenzene	<0.33	ug/L	0.33	1.0	S-8260A	11/12/1997	348
Vinyl Chloride	<0.46	ug/L	0.46	1.5	S-8260A	11/12/1997	348
Xylenes, Total	<1.1	ug/L	1.1	3.6	S-8260A	11/12/1997	348
Surr: Dibromofluoromethane	112.2	%	n/a	n/a	S-8260A	11/12/1997	348
Surr: Toluene-d8	C 132.2	%	n/a	n/a	S-8260A	11/12/1997	348
Surr: Bromofluorobenzene	C 67.8	%	n/a	n/a	S-8260A	11/12/1997	348
Ethyl Acetate	ND	ug/L			S-8240	11/12/1997	2



QUALITY CONTROL REPORT  
BLANKS

11/19/1997

Mr. Tim Mueller  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

Job No: 97.10471  
Account No: 52450

Page 49

Job Description: #1135 Former American Graphics

Parameter	Prep Batch	Run Batch	Blank Result	MDL	LOQ	Units
VOC - AQUEOUS - EPA 8260A						
Acetone		348	<3.0	3.0	9.7	ug/L
Acrolein		348	<3.2	3.2	10	ug/L
Acrylonitrile		348	<2.0	2.0	6.5	ug/L
Benzene		348	<0.31	0.31	0.98	ug/L
Bromobenzene		348	<0.20	0.20	0.64	ug/L
Bromochloromethane		348	<0.32	0.32	1.0	ug/L
Bromodichloromethane		348	<0.20	0.20	0.63	ug/L
Bromoform		348	<0.14	0.14	0.45	ug/L
Bromomethane		348	<0.46	0.46	1.5	ug/L
2-Butanone (MEK)		348	<2.0	2.0	2.0	ug/L
n-Butylbenzene		348	<0.44	0.44	1.4	ug/L
sec-Butylbenzene		348	<0.45	0.45	1.4	ug/L
tert-Butylbenzene		348	<0.38	0.38	1.2	ug/L
Carbon Disulfide		348	<1.0	1.0	1.0	ug/L
Carbon Tetrachloride		348	<0.40	0.40	1.3	ug/L
Chlorobenzene		348	<0.22	0.22	0.69	ug/L
Chlorodibromomethane		348	<0.10	0.10	0.33	ug/L
Chloroethane		348	<1.2	1.2	3.9	ug/L
Chloroform		348	<0.18	0.18	0.58	ug/L
Chloromethane		348	<0.38	0.38	1.2	ug/L
2-Chlorotoluene		348	<0.28	0.28	0.90	ug/L
4-Chlorotoluene		348	<0.47	0.47	1.5	ug/L
1,2-Dibromo-3-Chloropropane		348	<1.4	1.4	4.5	ug/L
1,2-Dibromoethane (EDB)		348	<0.16	0.16	0.51	ug/L
Dibromomethane		348	<0.11	0.11	0.36	ug/L
1,2-Dichlorobenzene		348	<0.20	0.20	0.64	ug/L
1,3-Dichlorobenzene		348	<0.22	0.22	0.71	ug/L
1,4-Dichlorobenzene		348	<0.35	0.35	1.1	ug/L
Dichlorodifluoromethane		348	<0.49	0.49	1.6	ug/L
1,1-Dichloroethane		348	<0.25	0.25	0.79	ug/L
1,2-Dichloroethane		348	<0.20	0.20	0.63	ug/L
1,1-Dichloroethene		348	<0.73	0.73	2.3	ug/L
cis-1,2-Dichloroethene		348	<0.23	0.23	0.74	ug/L
trans-1,2-Dichloroethene		348	<0.39	0.39	1.2	ug/L
1,2-Dichloropropane		348	<0.29	0.29	0.93	ug/L
1,3-Dichloropropane		348	<0.15	0.15	0.46	ug/L
2,2-Dichloropropane		348	<0.37	0.37	1.2	ug/L
1,1-Dichloropropene		348	<0.63	0.63	2.0	ug/L



NATIONAL ENVIRONMENTAL TESTING, INC.

Watertown Division  
602 Commerce Drive  
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WDNR No. 128053530

QUALITY CONTROL REPORT  
BLANKS

11/19/1997

Mr. Tim Mueller  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

Job No: 97.10471  
Account No: 52450

Page 50

Job Description: #1135 Former American Graphics

Parameter	Prep Batch	Run Batch	Blank Result	MDL	LOQ	Units
cis-1,3-Dichloropropene		348	<0.17	0.17	0.56	ug/L
trans-1,3-Dichloropropene		348	<0.13	0.13	0.42	ug/L
Di-isopropyl ether		348	<0.13	0.13	0.41	ug/L
Ethylbenzene		348	<0.38	0.38	1.2	ug/L
Hexachlorobutadiene		348	<0.37	0.37	1.2	ug/L
Hexane		348	<1.7	1.7	5.5	ug/L
Isopropylbenzene		348	<0.36	0.36	1.1	ug/L
p-Isopropyltoluene		348	<0.35	0.35	1.1	ug/L
Methylene Chloride		348	<0.87	0.87	3.1	ug/L
4-Methyl-2-pentanone (MIBK)		348	<0.37	0.37	1.2	ug/L
Methyl-t-butyl ether		348	<0.14	0.14	0.45	ug/L
Naphthalene		348	<0.35	0.35	1.1	ug/L
n-Propylbenzene		348	<0.46	0.46	1.5	ug/L
Styrene		348	<0.16	0.16	0.51	ug/L
1,1,1,2-Tetrachloroethane		348	<0.11	0.11	0.34	ug/L
1,1,2,2-Tetrachloroethane		348	<0.39	0.39	1.3	ug/L
Tetrachloroethene		348	<0.63	0.63	2.0	ug/L
Tetrahydrofuran		348	<1.9	1.9	6.1	ug/L
Toluene		348	<0.39	0.39	1.3	ug/L
1,2,3-Trichlorobenzene		348	<0.32	0.32	1.0	ug/L
1,2,4-Trichlorobenzene		348	<0.18	0.18	0.57	ug/L
1,1,1-Trichloroethane		348	<0.28	0.28	0.88	ug/L
1,1,2-Trichloroethane		348	<0.15	0.15	0.46	ug/L
Trichloroethene		348	<0.49	0.49	1.6	ug/L
Trichlorofluoromethane		348	<0.58	0.58	1.8	ug/L
1,2,3-Trichloropropane		348	<0.28	0.28	0.90	ug/L
1,2,4-Trimethylbenzene		348	<0.32	0.32	1.0	ug/L
1,3,5-Trimethylbenzene		348	<0.33	0.33	1.0	ug/L
Vinyl Chloride		348	<0.46	0.46	1.5	ug/L
Xylenes, Total		348	<1.1	1.1	3.6	ug/L
Surr: Dibromofluoromethane		348	99.4	n/a	n/a	%
Surr: Toluene-d8		348	103.4	n/a	n/a	%
Surr: Bromofluorobenzene		348	96.4	n/a	n/a	%
VOC - AQUEOUS - EPA 8260A						
Acetone		350	<3.0	3.0	9.7	ug/L
Acrolein		350	<3.2	3.2	10	ug/L
Acrylonitrile		350	<2.0	2.0	6.5	ug/L
Benzene		350	<0.31	0.31	0.98	ug/L
Bromobenzene		350	<0.20	0.20	0.64	ug/L





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WDNR No. 128053530

## QUALITY CONTROL REPORT BLANKS

11/19/1997

Mr. Tim Mueller  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

Job No: 97.10471  
Account No: 52450

Page 51

Job Description: #1135 Former American Graphics

Parameter	Prep Batch	Run Batch	Blank Result	MDL	LOQ	Units
Bromochloromethane		350	<0.32	0.32	1.0	ug/L
Bromodichloromethane		350	<0.20	0.20	0.63	ug/L
Bromoform		350	<0.14	0.14	0.45	ug/L
Bromomethane		350	<0.46	0.46	1.5	ug/L
2-Butanone (MEK)		350	<2.0	2.0	2.0	ug/L
n-Butylbenzene		350	<0.44	0.44	1.4	ug/L
sec-Butylbenzene		350	<0.45	0.45	1.4	ug/L
tert-Butylbenzene		350	<0.38	0.38	1.2	ug/L
Carbon Disulfide		350	<1.0	1.0	1.0	ug/L
Carbon Tetrachloride		350	<0.40	0.40	1.3	ug/L
Chlorobenzene		350	<0.22	0.22	0.69	ug/L
Chlorodibromomethane		350	<0.10	0.10	0.33	ug/L
Chloroethane		350	<1.2	1.2	3.9	ug/L
Chloroform		350	<0.18	0.18	0.58	ug/L
Chloromethane		350	<0.38	0.38	1.2	ug/L
2-Chlorotoluene		350	<0.28	0.28	0.90	ug/L
4-Chlorotoluene		350	<0.47	0.47	1.5	ug/L
1,2-Dibromo-3-Chloropropane		350	<1.4	1.4	4.5	ug/L
1,2-Dibromoethane (EDB)		350	<0.16	0.16	0.51	ug/L
Dibromomethane		350	<0.11	0.11	0.36	ug/L
1,2-Dichlorobenzene		350	<0.20	0.20	0.64	ug/L
1,3-Dichlorobenzene		350	<0.22	0.22	0.71	ug/L
1,4-Dichlorobenzene		350	<0.35	0.35	1.1	ug/L
Dichlorodifluoromethane		350	<0.49	0.49	1.6	ug/L
1,1-Dichloroethane		350	<0.25	0.25	0.79	ug/L
1,2-Dichloroethane		350	<0.20	0.20	0.63	ug/L
1,1-Dichloroethene		350	<0.73	0.73	2.3	ug/L
cis-1,2-Dichloroethene		350	<0.23	0.23	0.74	ug/L
trans-1,2-Dichloroethene		350	<0.39	0.39	1.2	ug/L
1,2-Dichloropropane		350	<0.29	0.29	0.93	ug/L
1,3-Dichloropropane		350	<0.15	0.15	0.46	ug/L
2,2-Dichloropropane		350	<0.37	0.37	1.2	ug/L
1,1-Dichloropropene		350	<0.63	0.63	2.0	ug/L
cis-1,3-Dichloropropene		350	<0.17	0.17	0.56	ug/L
trans-1,3-Dichloropropene		350	<0.13	0.13	0.42	ug/L
Di-isopropyl ether		350	<0.13	0.13	0.41	ug/L
Ethylbenzene		350	<0.38	0.38	1.2	ug/L
Hexachlorobutadiene		350	<0.37	0.37	1.2	ug/L
Hexane		350	<1.7	1.7	5.5	ug/L



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WDNR No. 128053530

## QUALITY CONTROL REPORT BLANKS

11/19/1997

Mr. Tim Mueller  
NATURAL RESOURCE TECH, INC  
23713 W. Paul Road  
Pewaukee, WI 53072

Job No: 97.10471  
Account No: 52450

Page 52

Job Description: #1135 Former American Graphics

Parameter	Prep Batch	Run Batch	Blank Result	MDL	LOQ	Units
Isopropylbenzene		350	<0.36	0.36	1.1	ug/L
p-Isopropyltoluene		350	<0.35	0.35	1.1	ug/L
Methylene Chloride		350	<0.87	0.87	3.1	ug/L
4-Methyl-2-pentanone (MIBK)		350	<0.37	0.37	1.2	ug/L
Methyl-t-butyl ether		350	<0.14	0.14	0.45	ug/L
Naphthalene		350	<0.35	0.35	1.1	ug/L
n-Propylbenzene		350	<0.46	0.46	1.5	ug/L
Styrene		350	<0.16	0.16	0.51	ug/L
1,1,1,2-Tetrachloroethane		350	<0.11	0.11	0.34	ug/L
1,1,2,2-Tetrachloroethane		350	<0.39	0.39	1.3	ug/L
Tetrachloroethene		350	<0.63	0.63	2.0	ug/L
Tetrahydrofuran		350	<1.9	1.9	6.1	ug/L
Toluene		350	<0.39	0.39	1.3	ug/L
1,2,3-Trichlorobenzene		350	<0.32	0.32	1.0	ug/L
1,2,4-Trichlorobenzene		350	<0.18	0.18	0.57	ug/L
1,1,1-Trichloroethane		350	<0.28	0.28	0.88	ug/L
1,1,2-Trichloroethane		350	<0.15	0.15	0.46	ug/L
Trichloroethene		350	<0.49	0.49	1.6	ug/L
Trichlorofluoromethane		350	<0.58	0.58	1.8	ug/L
1,2,3-Trichloropropane		350	<0.28	0.28	0.90	ug/L
1,2,4-Trimethylbenzene		350	<0.32	0.32	1.0	ug/L
1,3,5-Trimethylbenzene		350	<0.33	0.33	1.0	ug/L
Vinyl Chloride		350	<0.46	0.46	1.5	ug/L
Xylenes, Total		350	<1.1	1.1	3.6	ug/L
Surr: Dibromofluoromethane		350	96.2	n/a	n/a	%
Surr: Toluene-d8		350	100.0	n/a	n/a	%
Surr: Bromofluorobenzene		350	93.6	n/a	n/a	%
Methanol		2	<10	10	10	ug/L

CHAIN OF CUSTODY RECORD

97.10471  
Pg 1 of 2

Sample Collectors(s)/Signature(s): REBECCA J. KROEPKE / Rebecca J. Kroepke

NATURAL RESOURCE TECHNOLOGY, INC.  
PEWAUKEE, WISCONSIN

Laboratory Samples are Being Submitted To: NET

Quote Number/Addendum Number \_\_\_\_\_ Attached: YES  NO

Site Name: FORMER AMERICAN GRAPHICS

Site Address: GOODMAN WI

Send Report To: TIM MUELLER / BELLY KROEPKE

Project Manager: TIM MUELLER / BELLY KROEPKE Project Number: 1135

Natural Resource Technology, Inc.  
23713 W. Paul Road  
Pewaukee, WI 53072  
Telephone (414) 523-9000 Fax (414) 523-9001

Task Number: 7

Temperature of temperature blank 0.2 C

If sample(s) were received on ice and there was ice remaining, you may report the temperature as "received on ice". If all of the ice was melted, the temperature of the melt may be substituted for a temperature blank.

I hereby certify that I received, properly handled, and maintained custody of these samples as noted below:

Relinquished By (Signature): <u>Rebecca J. Kroepke</u>	Date/Time: <u>10/31/97 15:11</u>	Received By (Signature): <u>Jerry Schuch</u>	Date/Time: <u>10-31-97 15:11</u>
Relinquished By (Signature): <u>Jerry Schuch</u>	Date/Time: <u>10-31-97 16:45</u>	Received By (Signature): <u>A. Vogt</u>	Date/Time: <u>11/3/97 08:25</u>

Analytical Method / Numbers						Lab Use Only
<u>VOCs (8260)</u>	<u>INCLUDE</u>	<u>ETHYL ACETATE</u>	<u>AND ACETONE</u>	<u>METHANOL</u>		Sample Conditions @ Laboratory

Field ID Number	Date Collected	Time Collected	Sample		Location / Description	PID Reading	Field Comments	Preserv. Type	# of Cont.	Analytical Method / Numbers						Lab ID Number	Sample Conditions @ Laboratory
			Media	Device						VOCs (8260)	INCLUDE	ETHYL ACETATE	AND ACETONE	METHANOL			
<u>MW-108</u>	<u>10/30/97</u>		<u>GW</u>	<u>BAILER</u>				<u>HCL</u>	<u>3</u>	<u>X</u>							
<u>MW-109</u>	<u>10/30/97</u>		<u>F</u>	<u>F</u>				<u>HCL</u>	<u>3</u>	<u>X</u>							
<u>PZ-104</u>	<u>10/30/97</u>							<u>HCL</u>	<u>3</u>	<u>X</u>							
<u>MW-109</u>	<u>10/29/97</u>								<u>3</u>	<u>X</u>							
<u>MW-110</u>	<u>10/29/97</u>								<u>3</u>	<u>X</u>							
<u>PZ-105</u>	<u>10/29/97</u>								<u>3</u>	<u>X</u>							
<u>MW-111</u>	<u>10/29/97</u>								<u>3</u>	<u>X</u>							
<u>MW-112</u>	<u>10/29/97</u>								<u>3</u>	<u>X</u>							
<u>MW-189</u>	<u>10/29/97</u>								<u>3</u>	<u>X</u>							
<u>MW-188</u>	<u>10/31/97</u>							<u>HCL</u>	<u>3/3</u>	<u>X</u>			<u>X</u>				
<u>TEP BRANK</u>										<u>X</u>							

SPECIAL INSTRUCTIONS

Laboratory shall retain samples for 30 days after issuing analytical report unless indicated otherwise below:  
Return  Other

11/11/97  
930

CHAIN OF CUSTODY RECORD

97.10471

Ref 2062

Sample Collector(s)/Signature(s): REBECCA J. KOEPLER *Rebecca Koepfle*  
 NATURAL RESOURCE TECHNOLOGY, INC. PEWAUKEE, WISCONSIN  
 Laboratory Samples are Being Submitted To: NET  
 Quote Number/Addendum Number \_\_\_\_\_ Attached: YES \_\_\_ NO \_\_\_

Site Name: FORMER AMERICAN GRAPHICS  
 Site Address: GOODMAN, WI  
 Send Report To: Tim Mueller / BECKY KOEPLER  
 Project Manager: Tim Mueller Project Number: 1135  
 Natural Resource Technology, Inc.  
 23713 W. Paul Road  
 Pewaukee, WI 53072  
 Telephone (414) 523-9000 Fax (414) 523-9001  
 Task Number: 7  
 Temperature of temperature blank: ON ICE  
 If sample(s) were received on ice and there was ice remaining, you may report the temperature as "received on ice". If all of the ice was melted, the temperature of the melt may be substituted for a temperature blank.

I hereby certify that I received, properly handled, and maintained custody of these samples as noted below:

Relinquished By (Signature): <i>Rebecca Koepfle</i>	Date/Time: <u>10/31/97 1541</u>	Received By (Signature): <i>Jonny Schmitz</i>	Date/Time: <u>10-31-97 1541</u>
Relinquished By (Signature): <i>Jonny Schmitz</i>	Date/Time: <u>10-31-97 1645</u>	Received By (Signature): <i>Cl Voigt</i>	Date/Time: <u>11/30/97 0925</u>

Analytical Method / Numbers	Lab Use Only
VOCs (8260) ↳ INCLUDE ETHYL ACETATE AND ACETONE METHANOL	Sample Conditions @ Laboratory

Field ID Number	Date Collected	Time Collected	Sample		Location / Description	PID Reading	Field Comments	Preserv. Type	# of Cont.	Analytical Method / Numbers				Lab ID Number	Sample Conditions @ Laboratory
			Media	Device						VOCs (8260)	ETHYL ACETATE AND ACETONE	METHANOL	Other		
MW-1	10/30/97		GW	BAILER		-		HCL-	3/3	X					
MW-2	10/30/97							HCL-	3/3	X					
MW-3	10/30/97							HCL-	3/3	X					
PZ-101	10/30/97							HCL-	3/3	X					
MW-101	10/21/97							HCL	3	X					
MW-102	10/21/97								3	X					
MW-103	10/21/97								3	X					
MW-104	10/21/97								3	X					
MW-105	10/30/97								3	X					
PZ-102	10/30/97								3	X					
MW-106	10/30/97								3	X					
PZ-103	10/30/97								3	X					
MW-107	10/30/97								3	X					

SPECIAL INSTRUCTIONS: 29  
 Laboratory shall retain samples for 30 days after issuing analytical report unless indicated otherwise below:  
 \_\_\_ Return \_\_\_ Other  
*Cl Voigt*  
 11/17/97



**APPENDIX D**

**FIELD MONITORING FORMS**

GROUNDWATER MONITORING INFORMATION FIELD FORM

PURGE PHASE							SAMPLING PHASE						
WELL ID	DATE	TIME	DEPTH TO SWL (feet)	TOTAL DEPTH (feet)	VOLUME PURGED (gallon)	SWL DEPTH AFTER PURGE (FT)	DEPTH TO SWL (feet)	pH	FIELD COND.	TEMP (°C)	COLOR	ODOR	COMMENTS
MW-01	06/25/97	NR	29.17	34.22	3.5	NR	NR	NR	NR	NR	CLEAR	Y	
MW-02	↓	↓	31.11	36.71	3.4	↓	↓	↓	↓	↓	CLEAR	Y	
MW-03			27.88	31.23	3.8						LT. BROWN	Y	
PZ-101			27.80	81.73	32.4						CLEAR	N	
MW-101			43.68	26.51	7.7						CLEAR	N	
MW-102			27.42	42.65	9.1						CLEAR	N	
MW-103			11.16	17.03	3.5						CLEAR	N	
MW-104			23.80	27.61	2.3						LT. BROWN	N	
MW-105			3.99	13.58	5.8						GRAY	Y	
PZ-102			3.42	60.92	34.5						CLEAR	N	
MW-106			7.13	13.85	4.0						LT. BROWN	N	
PZ-103			7.10	49.83	25.6						CLEAR	N	
MW-107			0.59*	13.16	7.5						LT. BROWN	N	
MW-108			1.58	12.84	6.8						LT. BROWN	N	
PZ-104			0.75*	47.68	28.1						CLEAR	N	
MW-109	5.22	13.82	5.2	LT. BROWN	N								
MW-110	2.72	14.27	6.9	CLEAR	N								

Field Remarks:

Field Equipment:

Site:

Project #: 1135 Task #:

Personnel:

\* Depth to water ~~for~~ approximate - water level indicator tape begins @ 0.90'

GROUNDWATER MONITORING INFORMATION FIELD FORM

PURGE PHASE							SAMPLING PHASE							
WELL ID	DATE	TIME	DEPTH TO SWL (feet)	TOTAL DEPTH (feet)	VOLUME PURGED (gallon)	SWL DEPTH AFTER PURGE (FT)	DEPTH TO SWL (feet)	pH	FIELD COND.	TEMP (°C)	COLOR	ODOR	COMMENTS	
PZ-105	04/25/97	NR	2.37	50.41	28.8	NR	NR	NR	NR	NR	CLEAR	N		
MW-111	↓	↓	2.29	13.26	6.6	↓	↓	↓	↓	↓	CLEAR	N		
MW-112			8.70	15.40	4.0	↓	↓	↓	↓	↓	CLEAR	N		
OW-1			-	14.26	Reading not taken - check, Key # unknown									
OW-2			14.60	20.78	→									
OW-3			6.81	16.71	→									
CULVERT			3.19	--	→									

Field Remarks:

Field Equipment:

Site:

Project #: 1135 Task #:

Personnel:



GROUNDWATER MONITORING INFORMATION FIELD FORM

PURGE PHASE							SAMPLING PHASE						
WELL ID	DATE	TIME	DEPTH TO SWL (feet)	TOTAL DEPTH (feet)	VOLUME PURGED (gallon)	SWL DEPTH AFTER PURGE (FT)	DEPTH TO SWL (feet)	pH	MD FIELD COND.	TEMP (°C)	COLOR	ODOR	COMMENTS
MW-1	10/21/97	**	29.63	31.22	3	NR	NR	7.1	1.632	NR	LT. BROWN	Y	
MW-2		NR	31.57	36.71	3.5			7.0	1.408		LT. BROWN	Y	
MW-3			28.31	34.23	6			7.0	1.374		LT. BROWN	Y	
PZ-101			28.25	81.73	34			7.1	1.063		CLEAR	N	
MW-101			44.09	56.51	7.5			7.1	1.972		CLEAR	N	
MW-102			37.85	42.65	5			6.9	1.861		CLEAR	N	
MW-103			11.59	17.03	5.5			7.2	1.967		CLEAR	N	
MW-104			23.24	27.61	4.37			6.9	1.524		LT. BROWN	N	
MW-105			4.38	13.58	9.5			7.0	1.433		DARK GRAY	Y	
PZ-102			3.82	60.92	35			7.0	1.672		CLEAR	N	
MW-106			7.55	13.85	6.5			7.1	1.444		LT. BROWN	N	
PZ-103			7.51	49.83	26			6.9	1.767		CLEAR	N	
MW-107			0.87*	13.16	7.5			7.0	1.883		LT. BROWN	N	
MW-108			1.87	12.84	7			7.0	1.074		LT. BROWN	N	
PZ-104			0.98	47.68	28			7.2	1.708		CLEAR	N	
MW-109			5.71	13.82	5			7.0	1.321		LT. BROWN	N	
MW-110	10/21/97		3.80	14.27	6.5			6.8	1.967		LT. BROWN	N	

Field Remarks:

Field Equipment:

Site:

Project #: 1135 Task #:

Personnel:

\* Depth to water less than the length to which the tape measurement begins; therefore depth to SWL is estimated.

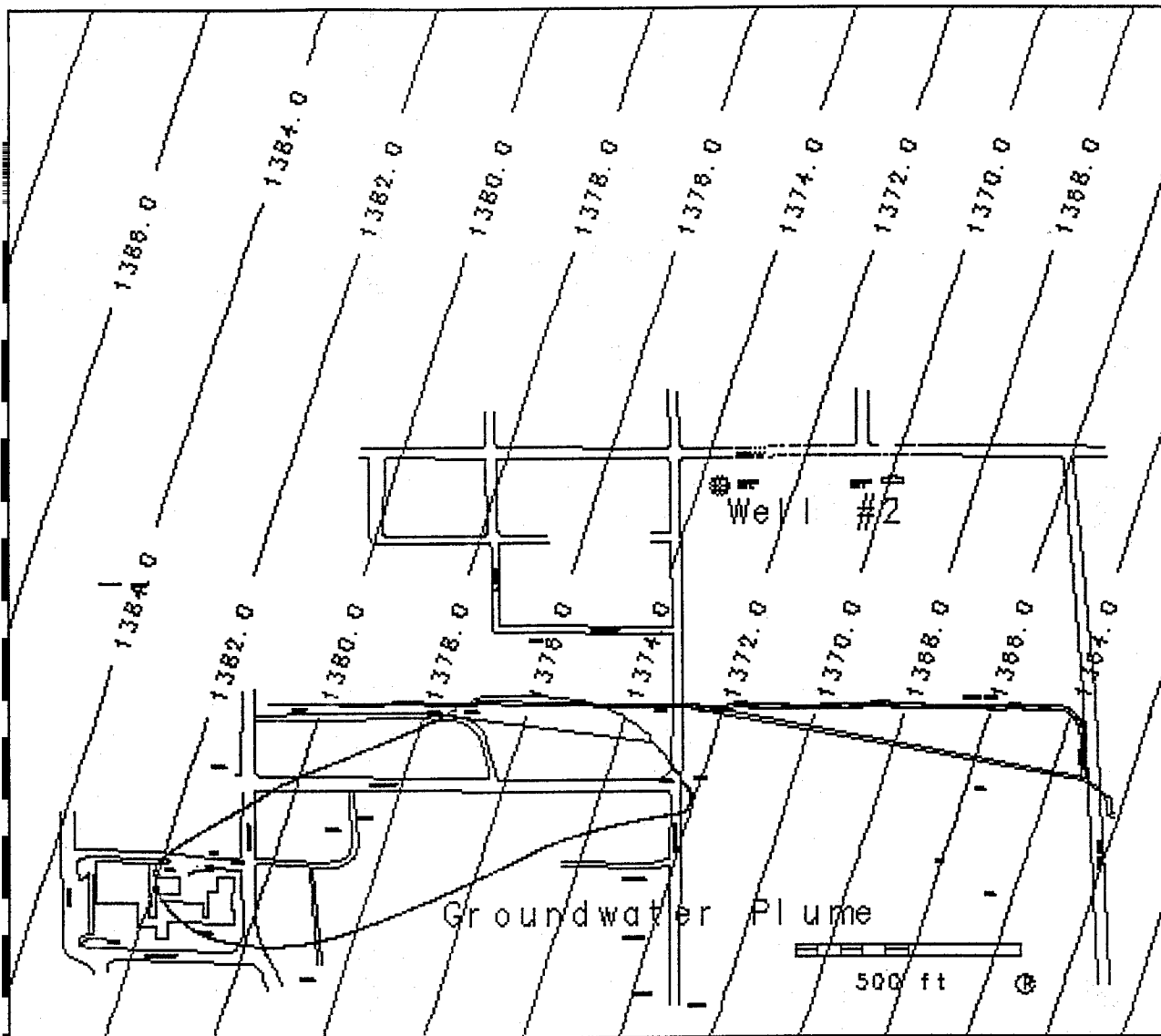
# GROUNDWATER MONITORING INFORMATION FIELD FORM

PURGE PHASE							SAMPLING PHASE							
WELL ID	DATE	TIME	DEPTH TO SWL (feet)	TOTAL DEPTH (feet)	VOLUME PURGED (gallon)	SWL DEPTH AFTER PURGE (FT)	DEPTH TO SWL (feet)	pH	FIELD COND.	TEMP (°C)	COLOR	ODOR	COMMENTS	
PZ 1145	4/29/97	NR	3.65	<del>50.41</del>	28	NR	NR	7.1	1.194	NR	CLEAR	N		
MW-111	}	}	9.45	13.26	25	↓	↓	6.9	1.289	NR	CLEAR	N		
MW-1			14.26	—	—	—	—	—	—	—	—	—	—	
MW-2			14.94	20.98	—	—	—	—	—	—	—	—	—	
MW-3			7.04	16.71	—	—	—	—	—	—	—	—	—	
MW-11			3.33	—	—	—	—	—	—	—	—	—	—	
MW 112	↓	↓	2.61	15.40	8	NR	NR	7.0	1.762	NR	CLEAR	N		
MW-101	4/29	102	Duplicate Sample											
MW-102	MW-1		Duplicate Sample											
Field Remarks:							Site: _____ Project #: <u>1135</u> Task #: _____							
Field Equipment:							Personnel: _____							

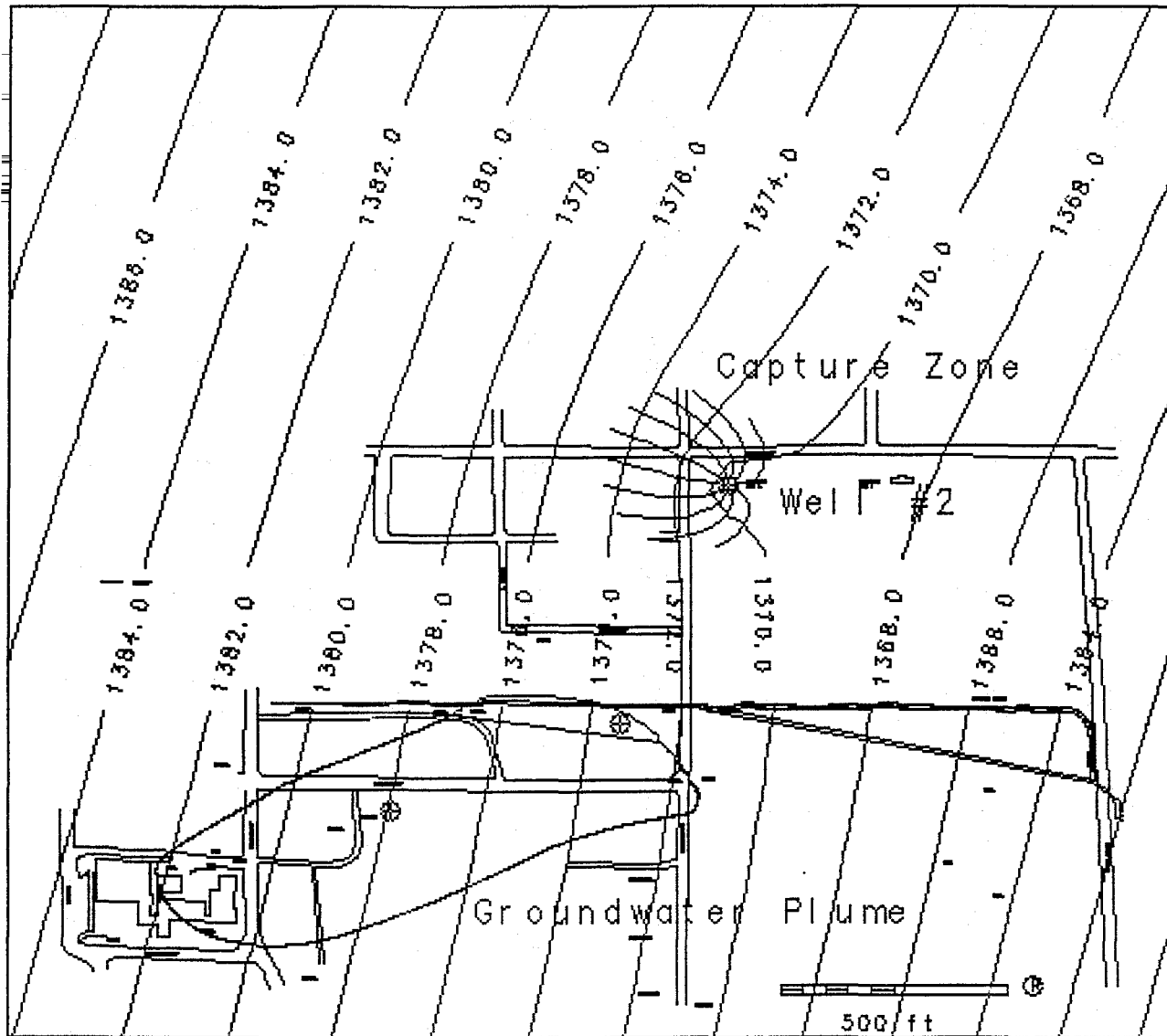


**APPENDIX E**

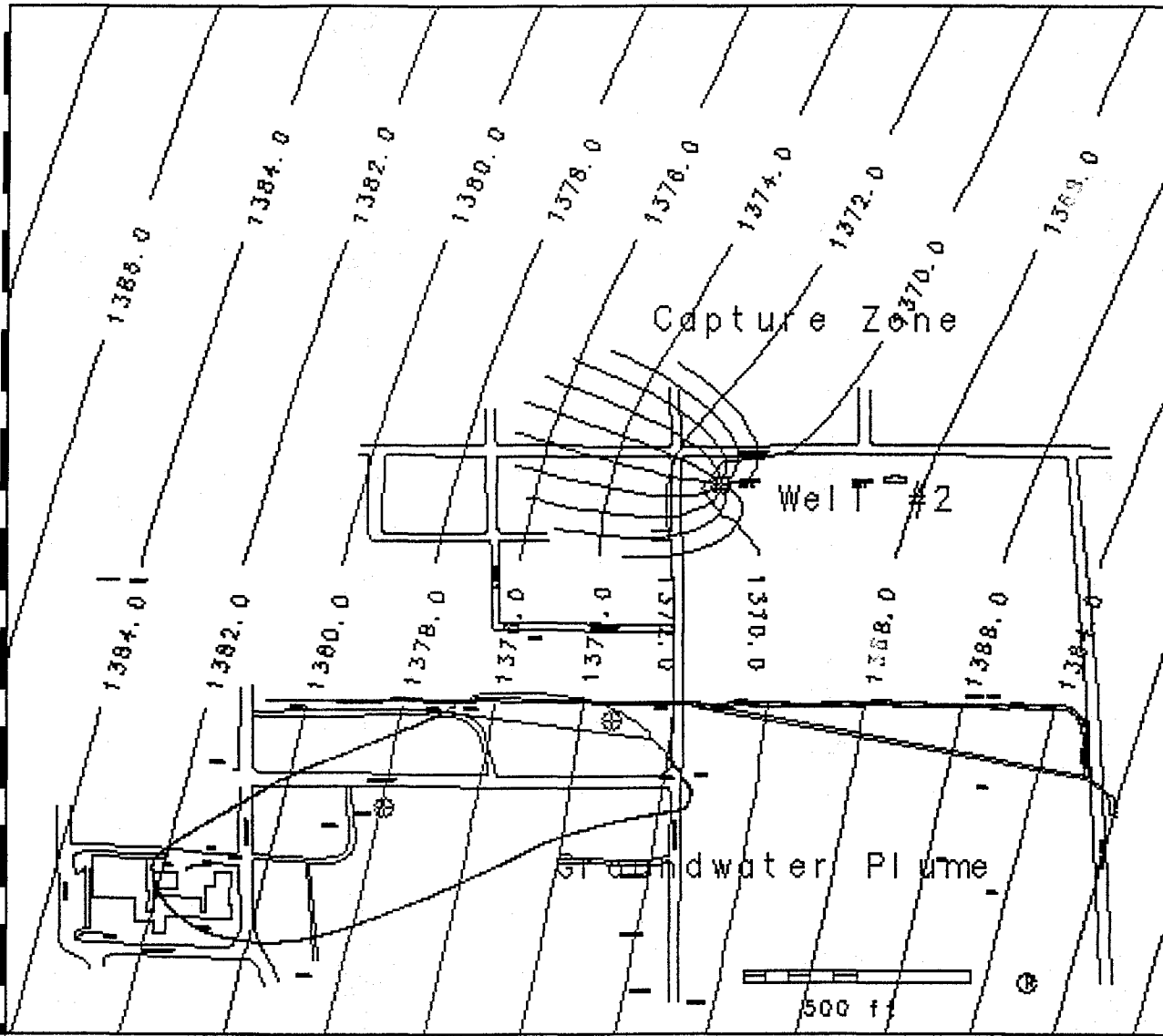
**CAPTURE ZONE ANALYSIS FIGURES AND DATA**



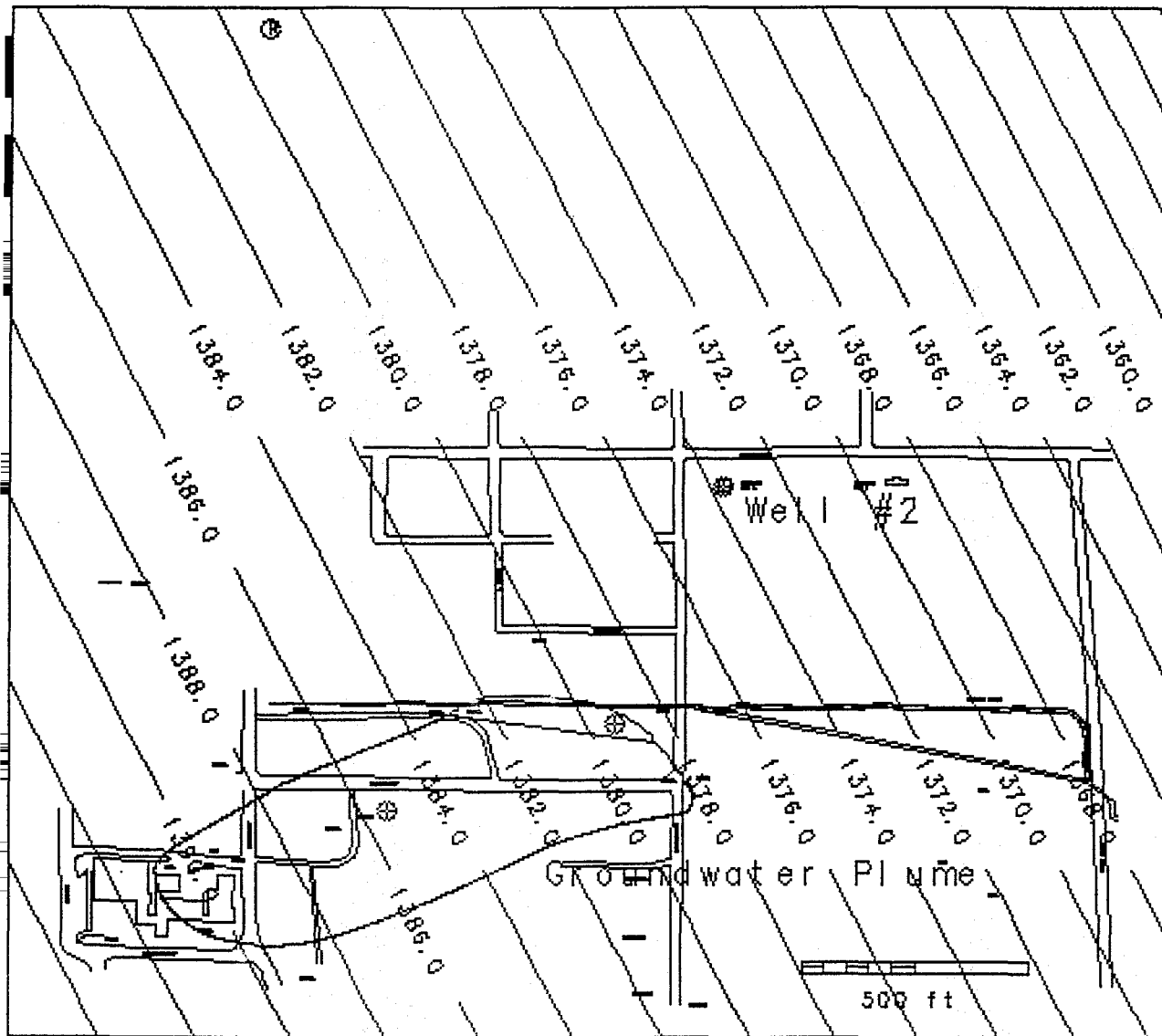
**Capture Zone Analysis: Scenario #1 - Simulation #1**  
**Base Model for Southeast Gradient**  
**North Side of Chemical Creek**



**Capture Zone Analysis: Scenario #1 - Simulation #2**  
**Capture Zone - 1 Year of Pumping**  
**North Side of Chemical Creek**

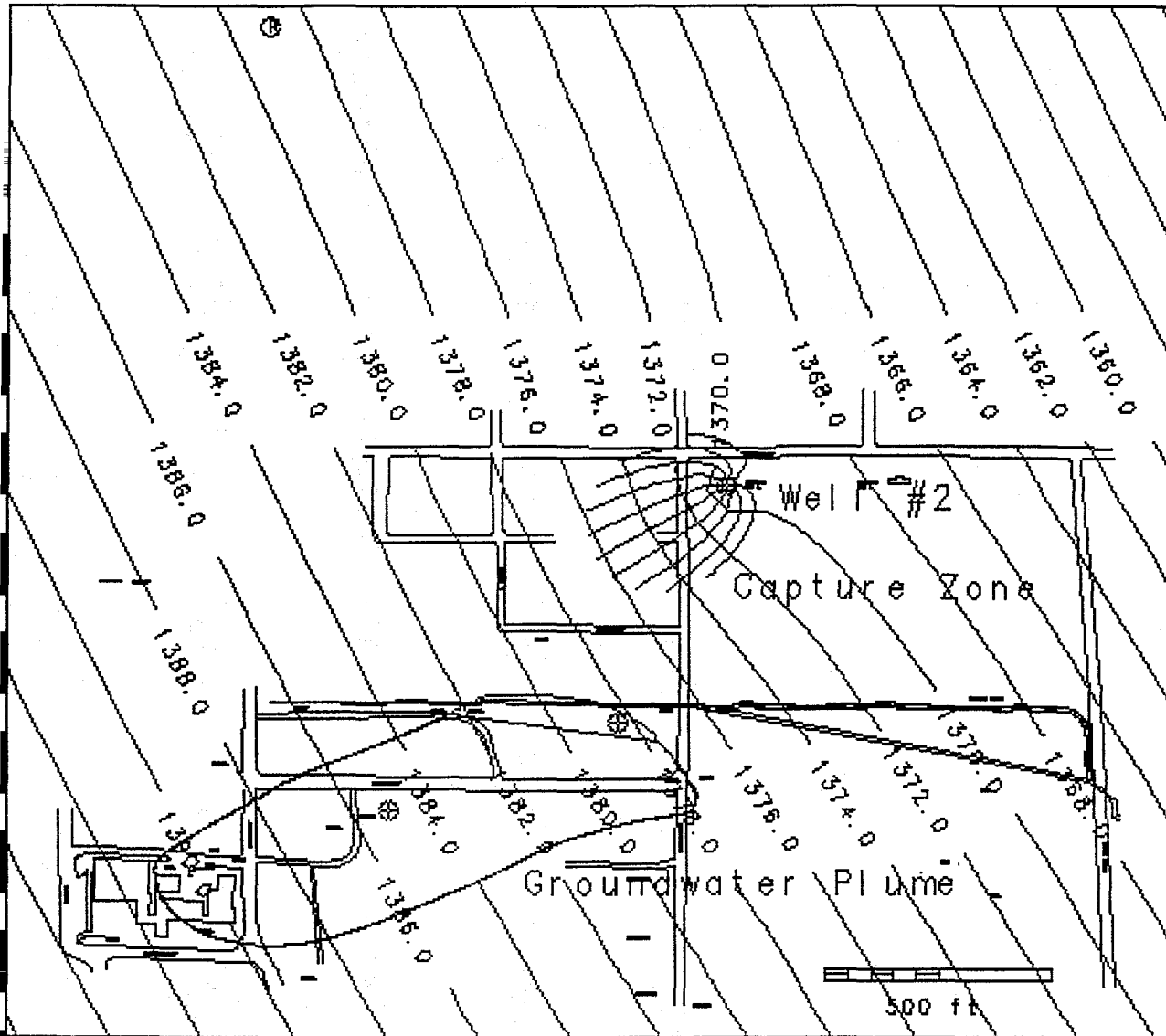


**Capture Zone Analysis: Scenario #1 - Simulation #3**  
**Capture Zone - 2 Years of Pumping**  
**North Side of Chemical Creek**

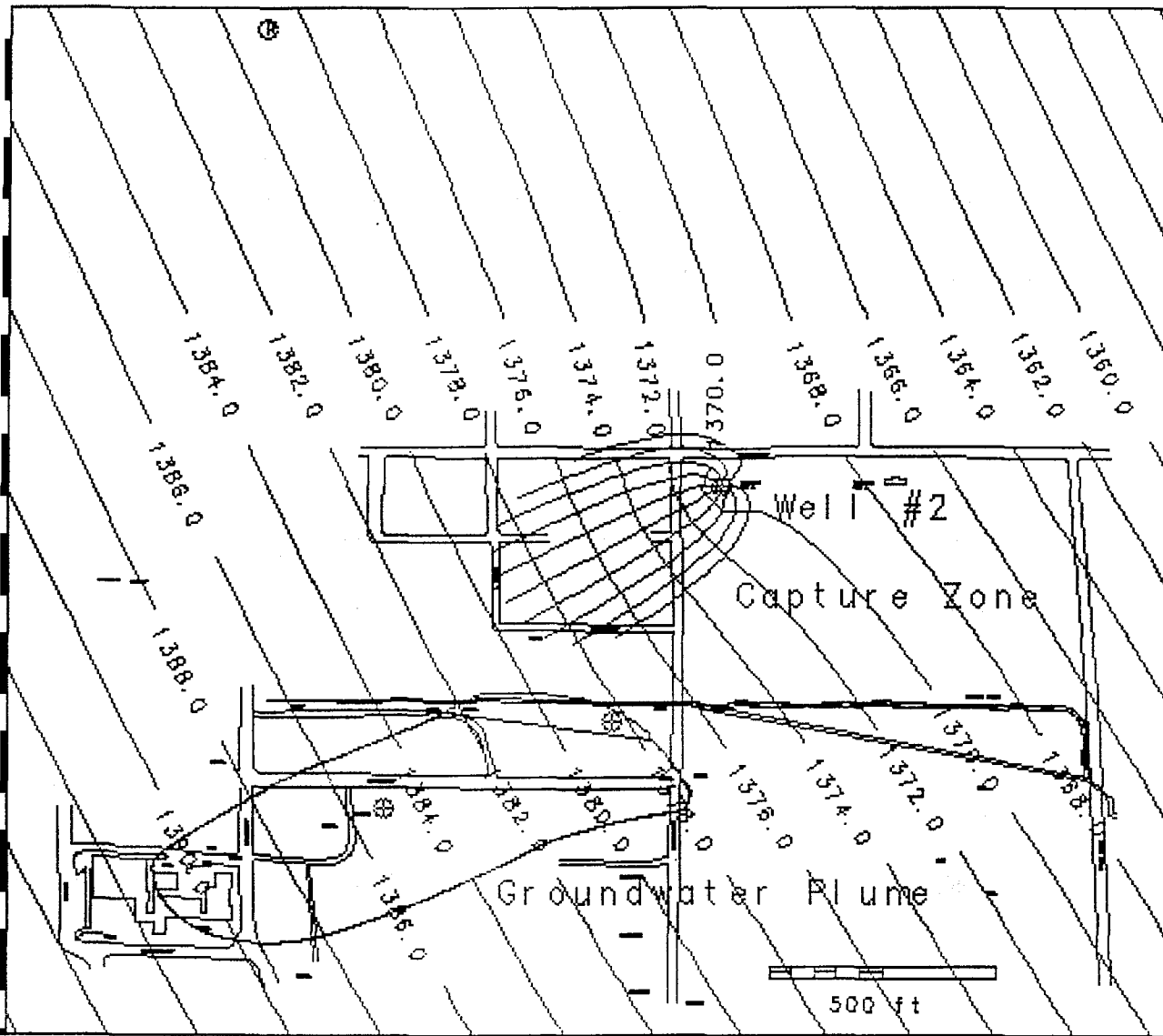


**Capture Zone Analysis: Scenario #2 - Simulation #4**  
**Base Model for Northeast Gradient**  
**South Side of Chemical Creek**





**Capture Zone Analysis: Scenario #1 - Simulation #5**  
**Capture Zone - 1 Year of Pumping**  
**South Side of Chemical Creek**



**Capture Zone Analysis: Scenario #1 - Simulation #6**  
**Capture Zone - 2 Years of Pumping**  
**South Side of Chemical Creek**

**QuickFlow Analytical Model of 2D Groundwater Flow  
Simulation #1 Base Map - Calibrated to October 1997 Water Levels  
on the North Side of Chemical Creek**

Date: 12/12/1997

Time: 12:54: 9.50

Input File: goodmw2a.qfl

Map File : goodman1.map

**Model Entities**

Number of Linesinks Defined by Infiltration Rate = 0

Number of Linesinks Defined by Head = 0

Number of Ponds = 0

Number of Wells = 1

**Village of Goodman Well #2**

Center of Well -- x: 6563.953125 y: 3502.174072

Radius = 1.000000

Pumping Rate = 0.000000

Head at Well Radius = 1373.563693

Reference Head = 1363.000000 Defined at -- x: 7233.705078 y: 2392.506104

**Aquifer Properties**

.... Steady-State Flow Model ....

Permeability.....= 10.000000 [L/T]

Porosity.....= 0.250000

Elevation of Aquifer Top...= 1386.000000

Elevation of Aquifer Bottom.= 1316.000000

Uniform Regional Gradient...= 0.012000

Angle of Uniform Gradient...= 342.000000

Recharge.....= 0.000000

**Particle Traces**

Number of Particle-traces = 0

**QuickFlow Analytical Model of 2D Groundwater Flow  
Simulation #2 - 1 Year of Pumping at 30,000 Gallons per Day  
(Base Map - Calibrated to October 1997 Water Levels  
on the North Side of Chemical Creek)**

Date: 12/12/1997

Time: 12:54: 9.50

Input File: goodmw2b.qfl

Map File : goodman1.map

**Model Entities**

Number of Linesinks Defined by Infiltration Rate = 0

Number of Linesinks Defined by Head = 0

Number of Ponds = 0

Number of Wells = 1

**Village of Goodman Well #2**

Center of Well -- x: 6563.953125 y: 3502.174072

Radius = 1.000000

Pumping Rate = 4010.000000

Head at Well Radius = 1365.426584

Reference Head = 1363.000000 Defined at -- x: 7233.705078 y: 2392.506104

**Aquifer Properties**

.... Steady-State Flow Model ....

Permeability.....= 10.000000 [L/T]

Porosity.....= 0.250000

Elevation of Aquifer Top....= 1386.000000

Elevation of Aquifer Bottom.= 1316.000000

Uniform Regional Gradient...= 0.012000

Angle of Uniform Gradient...= 342.000000

Recharge.....= 0.000000

**Particle Traces**

Number of Particle-traces = 10

**QuickFlow Analytical Model of 2D Groundwater Flow  
Simulation #3 - 2 Year of Pumping at 30,000 Gallons per Day  
(Base Map - Calibrated to October 1997 Water Levels  
on the North Side of Chemical Creek)**

Date: 12/12/1997  
Time: 12:54: 9.50

Input File: goodmw2c.qfl  
Map File : goodman1.map

**Model Entities**

Number of Linesinks Defined by Infiltration Rate = 0  
Number of Linesinks Defined by Head = 0  
Number of Ponds = 0  
Number of Wells = 1

**Village of Goodman Well #2**

Center of Well -- x: 6563.953125 y: 3502.174072  
Radius = 1.000000  
Pumping Rate = 4010.000000  
Head at Well Radius = 1365.426584

Reference Head = 1363.000000 Defined at -- x: 7233.705078 y: 2392.506104

**Aquifer Properties**

.... Steady-State Flow Model ....  
Permeability.....= 10.000000 [L/T]  
Porosity.....= 0.250000  
Elevation of Aquifer Top....= 1386.000000  
Elevation of Aquifer Bottom.= 1316.000000  
Uniform Regional Gradient...= 0.012000  
Angle of Uniform Gradient...= 342.000000  
Recharge.....= 0.000000

Particle Traces

Number of Particle-traces = 10

**QuickFlow Analytical Model of 2D Groundwater Flow  
Simulation #4 Base Map - Calibrated to October 1997 Water Levels  
on the South Side of Chemical Creek**

Date: 12/12/1997  
Time: 12:54: 9.50

Input File: goodmw2d.qfl  
Map File : goodman1.map

**Model Entities**

Number of Linesinks Defined by Infiltration Rate = 0  
Number of Linesinks Defined by Head = 0  
Number of Ponds = 0  
Number of Wells = 1

**Village of Goodman Well #2**

Center of Well -- x: 6563.953125 y: 3502.174072  
Radius = 1.000000  
Pumping Rate = 0.000000  
Head at Well Radius = 1373.598891

Reference Head = 1379.000000 Defined at -- x: 5553.013184 y: 4514.120117

**Aquifer Properties**

.... Steady-State Flow Model ....  
Permeability.....= 10.000000 [L/T]  
Porosity.....= 0.250000  
Elevation of Aquifer Top....= 1386.000000  
Elevation of Aquifer Bottom.= 1316.000000  
Uniform Regional Gradient...= 0.012000  
Angle of Uniform Gradient...= 27.500000  
Recharge.....= 0.000000

**Particle Traces**

Number of Particle-traces = 0

**QuickFlow Analytical Model of 2D Groundwater Flow  
Simulation #5 - 1 Year of Pumping at 30,000 Gallons per Day  
(Base Map - Calibrated to October 1997 Water Levels  
on the South Side of Chemical Creek)**

Date: 12/12/1997  
Time: 12:52:39.3

Input File: goodmw2e.qfl  
Map File : goodman1.map

**Model Entities**

Number of Linesinks Defined by Infiltration Rate = 0  
Number of Linesinks Defined by Head = 0  
Number of Ponds = 0  
Number of Wells = 1

**Village of Goodman Well #2**

Center of Well -- x: 6563.953125 y: 3502.174072  
Radius = 1.000000  
Pumping Rate = 4010.000000  
Head at Well Radius = 1365.340234

Reference Head = 1379.000000 Defined at -- x: 5553.013184 y: 4514.120117

**Aquifer Properties**

.... Steady-State Flow Model ....

Permeability.....= 10.000000 [L/T]  
Porosity.....= 0.250000  
Elevation of Aquifer Top....= 1386.000000  
Elevation of Aquifer Bottom.= 1316.000000  
Uniform Regional Gradient...= 0.012000  
Angle of Uniform Gradient...= 27.500000  
Recharge.....= 0.000000

Particle Traces

Number of Particle-traces = 0

**QuickFlow Analytical Model of 2D Groundwater Flow  
Simulation #6 - 2 Year of Pumping at 30,000 Gallons per Day  
(Base Map - Calibrated to October 1997 Water Levels  
on the South Side of Chemical Creek)**

Date: 12/12/1997  
Time: 12:51:44.33

Input File: goodmw2f.qfl  
Map File : goodman1.map

**Model Entities**

Number of Linesinks Defined by Infiltration Rate = 0  
Number of Linesinks Defined by Head = 0  
Number of Ponds = 0  
Number of Wells = 1

**Village of Goodman Well #2**

Center of Well -- x: 6563.953125 y: 3502.174072  
Radius = 1.000000  
Pumping Rate = 4010.000000  
Head at Well Radius = 1365.340234

Reference Head = 1379.000000 Defined at -- x: 5553.013184 y: 4514.120117

**Aquifer Properties**

.... Steady-State Flow Model ....  
Permeability.....= 10.000000 [L/T]  
Porosity.....= 0.250000  
Elevation of Aquifer Top....= 1386.000000  
Elevation of Aquifer Bottom.= 1316.000000  
Uniform Regional Gradient...= 0.012000  
Angle of Uniform Gradient...= 27.500000  
Recharge.....= 0.000000

**Particle Traces**

Number of Particle-traces = 0



Table 2 - Summary of Groundwater Laboratory VOC Analyses  
 Site Investigation - Former American Graphics, Inc. Facility  
 Village of Goodman, Wisconsin

		VOCs (µg/L)																		
Sampling Location	Sampling Date	Acetone	Acrolein	Benzene	Bromodichloromethane	Carbon Disulfide	Chloroethane	Chloroform	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Dichloroethane	cis-1,2-Dichloroethene	Methylene Chloride	MIBK	Tetrachloroethene	Tetrahydrofuran	Toluene	Trichloroethene	1,1,1-Trichloroethane	
MW-1	11/24/93	--	--	nr	nr	--	nr	nr	27.1	nr	28.1	nr	nr	--	nr	nr	3.7	2.4	3,163	
	08/06/96	--	--	<5.0	<10	--	<40	<10	15	<10	28	<10	<100	--	<10	--	15	<10	1,500	
	09/05/96	--	--	<2.5	<5.0	--	<20	<5.0	14	<5.0	32	<5.0	<50	--	<5.0	--	8.0	<5.0	1,600	
	06/25/97	--	--	<0.31	<0.20	--	<1.2	<0.18	4.2	<0.20	6.5	<0.23	<0.87	--	<0.63	--	<0.39	<0.49	390	
	10/30/97	<15	<16	<1.6	<1.0	<5.0	<6.0	<0.90	3.5	<1.0	6.6	<1.2	<4.4	<1.8	<3.2	<9.5	<2.0	<2.4	400	
	10/30/97*	<3.0	<3.2	<0.31	<0.20	<1.0	<1.2	<0.18	3.9	<0.20	9.3	1.3	<0.87	<0.37	<0.63	<1.9	<0.39	<0.49	420 E	
MW-2	11/24/93	--	--	nr	nr	--	nr	nr	5.9	nr	15.3	nr	nr	--	nr	--	nr	0.6	935	
	08/06/96	--	--	<5.0	<10	--	<40	<10	13	<10	23	<10	<100	--	<10	--	<10	<10	1,400	
	09/05/96	--	--	<1.0	<2.0	--	<8.0	<2.0	4.6	<2.0	10	<2.0	<2.0	--	<2.0	--	<2.0	<2.0	520	
	06/25/97	--	--	<0.31	<0.20	--	<1.2	<0.18	1.7	<0.20	2.9	<0.23	<0.87	--	<0.63	--	<0.39	<0.49	190	
	10/30/97	<6.0	<6.4	<0.62	<0.40	<2.0	<2.4	<0.36	0.68	<0.40	2.0	<0.46	<1.7	<0.74	<1.3	<3.8	<0.78	<0.98	110	
	11/24/93	--	--	nr	nr	--	nr	nr	261	14.7	64.0	nr	nr	--	nr	--	5,210	3	6,750	
MW-3	08/06/96	--	--	<25	<50	--	<200	<50	62	<50	<100	<50	<500	--	<50	--	10,000	<50	2,800	
	09/05/96	--	--	<25	<50	--	<200	<50	<50	<50	<100	<50	<500	--	<50	--	12,000	<50	3,300	
	06/25/97	--	--	<3.1	<2.0	--	<12	<1.8	16	<2.0	24	<2.3	<8.7	--	<6.3	--	16	<4.9	1,700	
	10/30/97	1,500	<32	<3.1	<2.0	<10	<12	<1.8	32	<2.0	36	<2.3	<8.7	43	<6.3	<19	11,000 E	<4.9	4,200 E	
	08/06/96	--	--	<0.50	<1.0	--	<4.0	<1.0	35	<1.0	<1.0	<2.0	<1.0	<1.0	--	<1.0	--	1.4	<1.0	2.6
	PZ-101	09/05/96	--	--	0.76	<1.0	--	<4.0	<1.0	17	<1.0	<1.0	<2.0	<1.0	<1.0	--	<1.0	--	2	<1.0
10/03/96		--	--	<0.50	<1.0	--	<4.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	--	<1.0	--	<1.0	<1.0	<1.0
06/25/97		--	--	<0.31	<0.20	--	<1.2	<0.18	<0.25	<0.20	<0.73	<0.23	<0.87	--	<0.63	--	<0.39	<0.49	<0.28	
10/30/97		3.5	<3.2	<0.31	<0.20	<1.0	<1.2	<0.18	<0.25	<0.20	<0.73	<0.23	<0.87	<0.37	<0.63	3.1	<0.39	<0.49	2.9	
08/06/96		--	--	<0.50	<1.0	--	<4.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	--	<1.0	--	<1.0	<1.0	<1.0	
MW-101		09/05/96	--	--	<0.50	<1.0	--	<4.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	--	<1.0	--	<1.0	<1.0	<1.0
	10/03/96	--	--	<0.50	<1.0	--	<4.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	--	<1.0	--	1.6	<1.0	<1.0	
	06/25/97	--	--	<0.31	<0.20	--	<1.2	<0.18	<0.25	<0.20	<0.73	<0.23	<0.87	--	<0.63	--	<0.39	<0.49	<0.28	
	10/29/97	<3.0	<3.2	<0.31	<0.20	<1.0	<1.2	<0.18	<0.25	<0.20	<0.73	<0.23	<0.87	<0.37	<0.63	<1.9	<0.39	<0.49	<0.28	
			NR 140 Groundwater Quality Standards																	
	Preventive Action Limit	200	ne	0.5	0.06	ne	80	0.6	85	0.5	0.7	7	0.5	50	0.5	50	68.6	0.5	40	
Enforcement Standard	1,000	ne	5	0.6	ne	400	6	850	5	7	70	5	500	5	10	343	5	200		

Handwritten notes and corrections in red ink:  
 - Next to 420 E: 220  
 - Next to 110: 91  
 - Next to 4,200 E: 1,400

Table 2, continued - Summary of Groundwater Laboratory VOC Analyses  
 Site Investigation - Former American Graphics, Inc. Facility  
 Village of Goodman, Wisconsin

VOCs (µg/L)

*Could not find - No sample*

Sampling Location	Sampling Date	Acetone	Acrolein	Benzene	Bromodichloromethane	Carbon Disulfide	Chloroethane	Chloroform	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Dichloroethane	cis-1,2-Dichloroethane	Methylene Chloride	MIBK	Tetrachloroethene	Tetrahydrofuran	Toluene	Trichloroethene	1,1,1-Trichloroethane
MW-102	08/06/96	--	--	<0.50	<1.0	--	<4.0	<1.0	2.4	<1.0	8.2	<1.0	<1.0	--	<1.0	--	<1.0	<1.0	160
	09/05/96	--	--	<0.50	<1.0	--	<4.0	<1.0	1.7	<1.0	4.2	<1.0	<1.0	--	<1.0	--	<1.0	<1.0	110
	10/03/96	--	--	<0.50	<1.0	--	<4.0	<1.0	1.2	<1.0	4.1	<1.0	<1.0	--	<1.0	--	<1.0	<1.0	270
	06/25/97	--	--	<0.31	<0.20	--	<1.2	<0.18	<0.25	<0.20	4.9	<0.23	<0.87	--	<0.63	--	<0.39	<0.49	140
	10/29/97	<6.0	<6.4	<0.62	<0.40	<2.0	<2.4	<0.36	<0.50	<0.40	1.3	<0.46	3.4	<0.74	<1.3	<3.8	<0.78	<0.98	280
	10/29/97*	<3.0	<3.2	<0.31	<0.20	<1.0	<1.2	0.20	<0.25	<0.20	4.5	<0.23	1.1	<0.37	<0.63	<1.9	<0.39	<0.49	110
MW-103	08/06/96	--	--	<0.50	<1.0	--	<4.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	--	<1.0	--	<1.0	<1.0	<1.0
	09/05/96	--	--	<0.50	<1.0	--	<4.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	--	<1.0	--	<1.0	<1.0	<1.0
	10/03/96	--	--	<0.50	<1.0	--	<4.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	--	<1.0	--	1.2	<1.0	<1.0
	06/25/97	--	--	<0.31	<0.20	--	<1.2	<0.18	<0.25	<0.20	<0.73	<0.23	<0.87	--	<0.63	--	<0.39	<0.49	<0.28
	10/29/97	<3.0	<3.2	<0.31	<0.20	<1.0	<1.2	<0.18	<0.25	<0.20	<0.73	<0.23	<0.87	<0.37	<0.63	<1.9	<0.39	<0.49	<0.28
	MW-104	08/06/96	--	--	<0.50	<1.0	--	<4.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	--	<1.0	--	1.1	<1.0
09/05/96		--	--	<0.50	<1.0	--	<4.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	--	<1.0	--	<1.0	<1.0	<1.0
10/03/96		--	--	<0.50	<1.0	--	<4.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	--	<1.0	--	2.7	<1.0	<1.0
06/25/97		--	--	<0.31	<0.20	--	<1.2	<0.18	<0.25	<0.20	<0.73	<0.23	<0.87	--	<0.63	--	<0.39	<0.49	<0.28
10/29/97		<3.0	<3.2	<0.31	<0.20	<1.0	<1.2	<0.18	<0.25	<0.20	<0.73	<0.23	<0.87	<0.37	<0.63	<1.9	<0.39	<0.49	<0.28
MW-105		08/06/96	--	--	<2.5	<5.0	--	<200	<50	<50	<50	<100	<50	<500	--	<50	--	5,200	<50
	09/05/96	--	--	<2.5	<5.0	--	<200	<50	<50	<50	<100	<50	<500	--	<50	--	4,000	<50	2,700
	10/03/96	--	--	<2.5	<5.0	--	<200	<50	<50	<50	55	<50	<500	--	59	--	3,200	<50	2,300
	06/25/97	--	--	<6.2	<4.0	--	<24	<3.6	18	<4.0	24	<4.6	<17	--	<13	--	2,100	<9.8	1,500
	10/30/97	2,700	<64	<6.2	<4.0	<20	<24	<3.6	<5.0	<4.0	<15	<4.6	<17	<7.4	<13	<38	89	<9.8	440
	PZ-102	08/06/96	--	--	0.54	<1.0	--	<4.0	61	<1.0	<1.0	<2.0	<1.0	<1.0	--	<1.0	--	<1.0	<1.0
09/05/96		--	--	<0.50	<1.0	--	<4.0	34	<1.0	<1.0	<2.0	<1.0	<1.0	--	<1.0	--	1.7	<1.0	1.7
10/03/96		--	--	<0.50	<1.0	--	<4.0	2.4	<1.0	<1.0	<2.0	<1.0	<1.0	--	<1.0	--	<1.0	<1.0	<1.0
06/25/97		--	--	<0.31	<0.20	--	<1.2	<0.18	<0.25	<0.20	<0.73	<0.23	<0.87	--	<0.63	--	<0.39	<0.49	0.31
10/30/97		<3.0	<3.2	<0.31	<0.20	<1.0	<1.2	<0.18	<0.25	<0.20	<0.73	<0.23	<0.87	<0.37	<0.63	<1.9	0.39	<0.49	4.3
NR 140 Groundwater Quality Standards																			
Preventive Action Limit	200	ne	0.5	0.06	ne	80	0.6	85	0.5	0.7	7	0.5	50	0.5	50	68.6	0.5	40	
Enforcement Standard	1,000	ne	5	0.6	ne	400	6	850	5	7	70	5	500	5	10	343	5	200	

*910*

Table 2, continued - Summary of Groundwater Laboratory VOC Analyses  
 Site Investigation - Former American Graphics, Inc. Facility  
 Village of Goodman, Wisconsin

		VOCs (µg/L)																		
Sampling Location	Sampling Date	Acetone	Acrolein	Benzene	Bromodichloromethane	Carbon Disulfide	Chloroethane	Chloroform	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	Methylene Chloride	MIBK	Tetrachloroethene	Tetrahydrofuran	Toluene	Trichloroethene	1,1,1-Trichloroethane	
MW-106	08/06/96	--	--	<0.50	<1.0	--	<4.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	--	<1.0	<1.0	<1.0	<1.0
	09/05/96	--	--	<0.50	<1.0	--	<4.0	2.6	33	<1.0	5.6	<1.0	<1.0	--	<1.0	--	<1.0	<1.0	<1.0	140
	10/03/96	--	--	<0.50	<1.0	--	<4.0	1.4	19	<1.0	6.1	<1.0	<1.0	--	<1.0	--	<1.0	<1.0	<1.0	130
	06/25/97	--	--	<0.31	<0.20	--	<1.2	<0.18	<0.25	<0.20	<0.73	<0.23	<0.87	--	<0.63	--	<0.39	<0.49	<0.49	<0.28
	10/30/97	<3.0	8.1	<0.31	<0.20	<1.0	<1.2	<0.18	8.9	<0.20	1.4	<0.23	<0.87	<0.37	<0.63	<1.9	<0.39	<0.49	<0.49	31
PZ-103	08/06/96	--	--	<0.50	<1.0	--	<4.0	26	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	--	<1.0	<1.0	<1.0	<1.0
	09/05/96	--	--	1.2	<1.0	--	<4.0	6.6	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	--	2.0	<1.0	<1.0	<1.0
	10/03/96	--	--	1.4	<1.0	--	<4.0	1.8	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	--	1.3	<1.0	<1.0	<1.0
	06/25/97	--	--	<0.31	<0.20	--	<1.2	<0.18	<0.25	<0.20	<0.73	<0.23	<0.87	--	<0.63	--	<0.39	<0.49	<0.49	<0.28
	10/30/97	<3.0	<3.2	<0.31	<0.20	<1.0	<1.2	<0.18	<0.25	<0.20	<0.73	<0.23	<0.87	<0.37	<0.63	<1.9	<0.39	<0.49	<0.49	<0.28
MW-107	10/03/96	--	--	<0.50	<1.0	--	<4.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	--	<1.0	<1.0	<1.0	<1.0
	06/26/97	--	--	<0.31	<0.20	--	<1.2	<0.18	<0.25	<0.20	<0.73	<0.23	<0.87	--	<0.63	--	<0.39	<0.49	<0.49	<0.28
	10/29/97	<3.0	<3.2	<0.31	<0.20	<1.0	<1.2	<0.18	<0.25	<0.20	<0.73	<0.23	<0.87	<0.37	<0.63	<1.9	<0.39	<0.49	<0.49	<0.28
MW-108	10/03/96	--	--	<0.50	<1.0	--	<4.0	1.0	6.6	<1.0	37	<1.0	<1.0	--	<1.0	--	<1.0	<1.0	<1.0	920
	06/26/97	--	--	<0.31	<0.20	--	<1.2	0.47	4.6	<0.20	15	<0.23	<0.87	--	<0.63	--	<0.39	<0.49	<0.49	430
	10/30/97	<15	<16	<1.6	<1.0	<5.0	<6.0	<0.90	2.8	<1.0	7.6	<1.2	<4.4	<1.8	<3.2	<9.5	<2.0	<2.4	<2.4	290
PZ-104	10/03/96	--	--	<0.50	<1.0	--	<4.0	1.4	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	--	<1.0	<1.0	<1.0	<1.0
	06/26/97	--	--	<0.31	<0.20	--	<1.2	<0.18	<0.25	<0.20	<0.73	<0.23	<0.87	--	<0.63	--	<0.39	<0.49	<0.49	<0.28
	10/30/97	<3.0	<3.2	<0.31	<0.20	<1.0	<1.2	<0.18	<0.25	<0.20	<0.73	<0.23	<0.87	<0.37	<0.63	<1.9	<0.39	<0.49	<0.49	<0.28
MW-109	10/03/96	--	--	<0.50	<1.0	--	<4.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	--	<1.0	<1.0	<1.0	<1.0
	06/26/97	--	--	<0.31	<0.20	--	<1.2	<0.18	<0.25	<0.20	<0.73	<0.23	<0.87	--	<0.63	--	<0.39	<0.49	<0.49	<0.28
	10/29/97	<3.0	<3.2	<0.31	<0.20	<1.0	<1.2	<0.18	<0.25	<0.20	<0.73	<0.23	<0.87	<0.37	<0.63	<1.9	<0.39	<0.49	<0.49	<0.28
MW-110	06/26/97	--	--	<0.31	<0.20	--	<1.2	<0.18	<0.25	<0.20	<0.73	<0.23	<0.87	--	<0.63	--	<0.39	<0.49	<0.49	<0.28
	10/29/97	<3.0	<3.2	<0.31	<0.20	1.3	<1.2	<0.18	<0.25	<0.20	<0.73	<0.23	<0.87	<0.37	<0.63	<1.9	<0.39	<0.49	<0.49	<0.28
NR 140 Groundwater Quality Standards																				
Preventive Action Limit		200	ne	0.5	0.06	ne	80	0.6	85	0.5	0.7	7	0.5	50	0.5	50	68.6	0.5	40	
Enforcement Standard		1,000	ne	5	0.6	ne	400	6	850	5	7	70	5	500	5	10	343	5	200	

280

Table 2, continued - Summary of Groundwater Laboratory VOC Analyses  
 Site Investigation - Former American Graphics, Inc. Facility  
 Village of Goodman, Wisconsin

Sampling Location	Sampling Date	VOCs (µg/L)																	
		Acetone	Acrolein	Benzene	Bromodichloromethane	Carbon Disulfide	Chloroethane	Chloroform	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	Methylene Chloride	MIBK	Tetrachloroethene	Tetrahydrofuran	Toluene	Trichloroethene	1,1,1-Trichloroethane
PZ-105	06/26/97	--	--	<0.31	0.21	--	<1.2	9.4	<0.25	<0.20	<0.73	<0.23	<0.87	--	<0.63	--	<0.39	<0.49	<0.28
	10/29/97	<3.0	<3.2	<0.31	<0.20	<1.0	<1.2	<0.18	<0.25	<0.73	<0.23	<0.87	<0.37	<0.63	<1.9	<0.39	<0.49	<0.28	
MW-111	06/26/97	--	--	<0.31	<0.20	--	<1.2	<0.18	<0.25	<0.73	<0.23	<0.87	--	<0.63	--	<0.39	<0.49	<0.28	
	10/29/97	<3.0	<3.2	<0.31	<0.20	<1.0	<1.2	<0.18	<0.25	<0.73	<0.23	1.0	<0.37	<0.63	<1.9	<0.39	<0.49	<0.28	
MW-112	06/26/97	--	--	<0.31	<0.20	--	9.3	<0.18	16	<0.20	1.2	<0.23	<0.87	--	<0.63	--	<0.39	<0.49	4.2
	10/29/97	<3.0	<3.2	<0.31	<0.20	<1.0	40	<0.18	17	<0.20	1.5	<0.23	1.1	<0.37	<0.63	<1.9	<0.39	<0.49	1.1
OW-1	10/03/96	--	--	<0.50	<1.0	--	<4.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	--	<1.0	--	<1.0	<1.0	<1.0
OW-2	10/03/96	--	--	<0.50	<1.0	--	<4.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	--	<1.0	--	<1.0	<1.0	<1.0
OW-3	10/04/96	--	--	<0.50	<1.0	--	<4.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	--	<1.0	--	<1.0	<1.0	<1.0
<i>Quality Assurance / Quality Control Samples</i>																			
Trip Blank	10/29/97	8.4	<3.2	<0.31	<0.20	<1.0	<1.2	<0.18	<0.25	<0.20	<0.73	<0.23	3.8	<0.37	<0.63	<1.9	<0.39	<0.49	<0.28
<i>NR 140 Groundwater Quality Standards</i>																			
Preventive Action Limit		200	ne	0.5	0.06	ne	80	0.6	85	0.5	0.7	7	0.5	50	0.5	50	68.6	0.5	40
Enforcement Standard		1,000	ne	5	0.6	ne	400	6	850	5	7	70	5	500	5	10	343	5	200

- Notes:**
1. Detected concentrations are shown in bold
  2. Preventive Action Limit exceedance is boxed.
  3. Enforcement Standard exceedance is shaded and boxed.
  4. Monitoring wells MW-1, MW-2, and MW-3 were installed by REI.  
REI collected 1993 groundwater samples.
  5. Only compounds detected by laboratory analyses are presented in the above table.

nd = parameter not detected above laboratory MDL.  
 nr = detection of compound was not reported in the REI report.  
 -- = parameter not analyzed.  
 \* = duplicate sample.  
 E = estimated concentration.

prepared by: BJK  
 checked by: DVP 11/21/97  
 updated by: TEM 1/23/98