GIS REGISTRY
Cover Sheet

July, 2008
(RR 5367)

Source Property Information

CLOSURE DATE: Apr 24, 2009

BRRTS #: **02-71-118308**

FID #: 471001080

ACTIVITY NAME: Timmerman Farm LF

DATCP #:

PROPERTY ADDRESS: 3450 Marvel Dr

COMM #:

MUNICIPALITY: City of Oshkosh

PARCEL ID #: 91413620104

***WTM COORDINATES:**

X: **636390** Y: **390086**

** Coordinates are in WTM83, NAD83 (1991)*

WTM COORDINATES REPRESENT:

- ○ Approximate Center Of Contaminant Source
- ◉ Approximate Source Parcel Center

Please check as appropriate: (BRRTS Action Code)

Contaminated Media:

- [x] Groundwater Contamination > ES *(236)*
  - [ ] Contamination in ROW
  - [x] Off-Source Contamination
  - *(**note:** for list of off-source properties see "Impacted Off-Source Property")*
- [ ] Soil Contamination > *RCL or **SSRCL *(232)*
  - [ ] Contamination in ROW
  - [ ] Off-Source Contamination
  - *(**note:** for list of off-source properties see "Impacted Off-Source Property")*

Land Use Controls:

- [ ] Soil: maintain industrial zoning *(220)*
  - *(**note:** soil contamination concentrations between residential and industrial levels)*
- [ ] Structural Impediment *(224)*
- [ ] Site Specific Condition *(228)*
- [x] Cover or Barrier *(222)*
  - *(**note:** maintenance plan for groundwater or direct contact)*
- [ ] Vapor Mitigation *(226)*
- [ ] Maintain Liability Exemption *(230)*
  - *(**note:** local government or economic development corporation)*

Monitoring wells properly abandoned? *(234)*

○ Yes ◉ No ○ N/A

** Residual Contaminant Level*
***Site Specific Residual Contaminant Level*

GIS Registry Checklist

This Adobe Fillable form is intended to provide a list of information that is required for evaluation for case closure. It is to be used in conjunction with Form 4400-202, Case Closure Request. The closure of a case means that the Department has determined that no further response is required at that time based on the information that has been submitted to the Department.

NOTICE: Completion of this form is mandatory for applications for case closure pursuant to ch. 292, Wis. Stats. and ch. NR 726, Wis. Adm. Code, including cases closed under ch. NR 746 and ch. NR 726. The Department will not consider, or act upon your application, unless all applicable sections are completed on this form and the closure fee and any other applicable fees, required under ch. NR 749, Wis. Adm. Code, Table 1 are included. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than reviewing closure requests and determining the need for additional response action. The Department may provide this information to requesters as required by Wisconsin's Open Records law [ss. 19.31 - 19.39, Wis. Stats.].

BRRTS #: 02-71-118308 PARCEL ID #: 91413620104

ACTIVITY NAME: Timmerman Farm LF WTM COORDINATES: X: 636390 Y: 390086

CLOSURE DOCUMENTS (the Department adds these items to the final GIS packet for posting on the Registry)

- [x] **Closure Letter**
- [ ] **Maintenance Plan** (*if activity is closed with a land use limitation or condition (land use control) under s. 292.12, Wis. Stats.*)
- [ ] **Conditional Closure Letter**
- [ ] **Certificate of Completion (COC)** for VPLE sites

SOURCE LEGAL DOCUMENTS

- [x] **Deed:** The most recent deed as well as legal descriptions, for the **Source Property** (where the contamination originated). Deeds for other, off-source (off-site) properties are located in the **Notification** section.
  Note: *If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.*
- [ ] **Certified Survey Map:** A copy of the certified survey map or the relevant section of the recorded plat map *for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map.* (lots on subdivided or platted property (e.g. lot 2 of xyz subdivision)).

  Figure #: **Title:**
- [x] **Signed Statement:** A statement signed by the Responsible Party (RP), which states that he or she believes that the attached legal description accurately describes the correct contaminated property.

MAPS (meeting the visual aid requirements of s. NR 716.15(2)(h))

Maps must be no larger than 8.5 x 14 inches unless the map is submitted electronically.

- [x] **Location Map:** A map outlining all properties within the contaminated site boundaries on a U.S.G.S. topographic map or plat map in sufficient detail to permit easy location of all parcels. If groundwater standards are exceeded, include the location of all potable wells within 1200 feet of the site.
  Note: *Due to security reasons municipal wells are not identified on GIS Packet maps. However, the locations of these municipal wells must be identified on Case Closure Request maps.*

  Figure #: 1 **Title: Site Location Map**
- [x] **Detailed Site Map:** A map that shows all relevant features (buildings, roads, individual property boundaries, contaminant sources, utility lines, monitoring wells and potable wells) within the contaminated area. This map is to show the location of all contaminated public streets, and highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding a ch. NR 140 Enforcement Standard (ES), and/or in relation to the boundaries of soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Levels (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.

  Figure #: 2 **Title: Site Topography**
- [ ] **Soil Contamination Contour Map:** For sites closing with residual soil contamination, <u>this map is to show the location of all contaminated soil and a single contour</u> showing the horizontal extent of each area of contiguous residual soil contamination that exceeds a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL)as determined under s. NR 720.09, 720.11 and 720.19.

  Figure #: **Title:**

BRRTS #: 02-71-118308 ACTIVITY NAME: Timmerman Farm LF

MAPS (continued)

☒ **Geologic Cross-Section Map:** A map showing the source location and vertical extent of residual soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL). If groundwater contamination exceeds a ch. NR 140 Enforcement Standard (ES) when closure is requested, show the source location and vertical extent, water table and piezometric elevations, and locations and elevations of geologic units, bedrock and confining units, if any.

Figure #: 3 **Title: Cross-Section A-A'**

Figure #: 4, 5 **Title: Cross-Section B-B', Cross-Section C-C'**

☒ **Groundwater Isoconcentration Map:** For sites closing with residual groundwater contamination, this map shows the horizontal extent of all groundwater contamination exceeding a ch. NR140 Preventive Action Limit (PAL) and an Enforcement Standard (ES). Indicate the direction and date of groundwater flow, based on the most recent sampling data.
Note: *This is intended to show the total area of contaminated groundwater.*

Figure #: 8,9 **Title: Isoconcentration Map for Monitoring Wells, Isoconcentration Map for Piezometers**

☒ **Groundwater Flow Direction Map:** A map that represents groundwater movement at the site. If the flow direction varies by more then 20° over the history of the site, submit 2 groundwater flow maps showing the maximum variation in flow direction.

Figure #: 6 **Title: Water Table Contour Map**

Figure #: 7 **Title: Piezometric Surface Map**

TABLES (meeting the requirements of s. NR 716.15(2)(h)(3))

Tables must be no larger than 8.5 x 14 inches unless the table is submitted electronically. Tables must not contain shading and/or cross-hatching. The use of **BOLD** or *ITALICS* is acceptable.

☐ **Soil Analytical Table:** A table showing remaining soil contamination with analytical results and collection dates.
Note: This is one table of results for the contaminants of concern. Contaminants of concern are those that were found during the site investigation, that remain after remediation. It may be necessary to create a new table to meet this requirement.

Table #: **Title:**

☒ **Groundwater Analytical Table:** Table(s) that show the most recent analytical results and collection dates, for all monitoring wells and any potable wells for which samples have been collected.

Table #: 1,2 **Title: Summary of VOC Analyses of GW Samples; Summary of Inorganic Parameters**

☒ **Water Level Elevations:** Table(s) that show the previous four (at minimum) water level elevation measurements/dates from all monitoring wells. If present, free product is to be noted on the table.

Table #: 3 **Title: Summary of Groundwater Elevations**

IMPROPERLY ABANDONED MONITORING WELLS

For each monitoring well not properly abandoned according to requirements of s. NR 141.25 include the following documents.
Note: *If the site is being listed on the GIS Registry for only an improperly abandoned monitoring well you will only need to submit the documents in this section for the GIS Registry Packet.*

☒ **Not Applicable**

☒ **Site Location Map:** A map showing all surveyed monitoring wells with specific identification of the monitoring wells which have not been properly abandoned.
Note: *If the applicable monitoring wells are distinctly identified on the Detailed Site Map this Site Location Map is not needed.*

Figure #: **Title:**

☐ **Well Construction Report:** Form 4440-113A for the applicable monitoring wells.

☐ **Deed:** The most recent deed as well as legal descriptions for each property where a monitoring well was not properly abandoned.

☐ **Notification Letter:** Copy of the notification letter to the affected property owner(s).

BRRTS #: 02-71-118308 ACTIVITY NAME: Timmerman Farm LF

NOTIFICATIONS

Source Property

☐ **Letter To Current Source Property Owner:** If the source property is owned by someone other than the person who is applying for case closure, include a copy of the letter notifying the current owner of the source property that case closure has been requested.

☐ **Return Receipt/Signature Confirmation:** Written proof of date on which confirmation was received for notifying current source property owner.

Off-Source Property

Group the following information per individual property and label each group according to alphabetic listing on the "Impacted Off-Source Property" attachment.

☒ **Letter To "Off-Source" Property Owners:** Copies of all letters sent by the Responsible Party (RP) to owners of properties with groundwater exceeding an Enforcement Standard (ES), and to owners of properties that will be affected by a land use control under s. 292.12, Wis. Stats.
Note: *Letters sent to off-source properties regarding residual contamination must contain standard provisions in Appendix A of ch. NR 726.*

Number of "Off-Source" Letters: 2

☒ **Return Receipt/Signature Confirmation:** Written proof of date on which confirmation was received for notifying any off-source property owner.

☒ **Deed of "Off-Source" Property:** The most recent deed(s) as well as legal descriptions, for all affected deeded **off-source property(ies).** This does not apply to right-of-ways.
Note: *If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.*

☐ **Letter To "Governmental Unit/Right-Of-Way" Owners:** Copies of all letters sent by the Responsible Party (RP) to a city, village, municipality, state agency or any other entity responsible for maintenance of a public street, highway, or railroad right-of-way, within or partially within the contaminated area, for contamination exceeding a groundwater Enforcement Standard (ES) and/or soil exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL).

Number of "Governmental Unit/Right-Of-Way Owner" Letters:

State of Wisconsin
Department of Natural Resources
http://dnr.wi.gov

Impacted Off-Source Property Information

Form 4400-246 (R 3/08)

This fillable form is intended to provide a list of information that must be submitted for evaluation for case closure. It is to be used in conjunction with Form 4400-202, Case Closure Request (Section H). The closure of a case means that the Department has determined that no further response is required at that time based on the information that has been submitted to the Department.

NOTICE: Completion of this form is mandatory for applications for case closure pursuant to ch. 292, Wis. Stats. and ch. NR 726, Wis. Adm. Code, including cases closed under ch. NR 746 and ch. NR 726. The Department will not consider, or act upon your application, unless all applicable sections are completed on this form and the closure fee and any other applicable fees, required under ch. NR 749, Wis. Adm. Code, Table 1 are included. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than reviewing closure requests and determining the need for additional response action. The Department may provide this information to requesters as required by Wisconsin's Open Records law [ss. 19.31 - 19.39, Wis. Stats.].

BRRTS #: 02-71-118308

ACTIVITY NAME: Timmerman Farm LF

ID	Off-Source Property Address	Parcel Number	WTM X	WTM Y
A	Envirofan, 3420 Marvel Dr, Oshkosh, WI 54902	91413620106	636385	390192
B	GE, 3300 Medalist Drive, Oshkosh, WI 54902	91413650000	636423	390254
C	3501 Marvel Dr, Oshkosh, WI 54902 (Monitoring Wells Left in Place)	91413620000	636243	389898
D				
E				
F				
G				
H				
I				

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES
Jim Doyle, Governor
Matthew J. Frank, Secretary
Ronald W. Kazmierczak, Regional Director

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

April 24, 2009

DAVID PATEK
PUBLIC WORKS DIRECTOR
CITY OF OSHKOSH
215 CHURCH AVE
OSHKOSH WI 54903

WDNR FID#471001080

SUBJECT: Final Closure of Remediation & Redevelopment case with continuing obligations
Timmerman Farm Landfill, Solid Waste License #4203, 470 W. 35th, Oshkosh
WDNR BRRTS ID # 02-71-118308

Dear Mr. Patek:

On April 17, 2009, the Northeast Region (NER) Closure Committee reviewed the above referenced case for closure. This committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases.

The Timmerman Farm Landfill is one of several older municipal landfills in the Oshkosh area. It was originally capped using clay and soil, and has been owned and maintained by the City of Oshkosh. During a site assessment on a neighboring property in 1994, groundwater exceedances of Vinyl Chloride were identified and a Remediation & Redevelopment (RR) case was started at the landfill property to investigate the source. Based on the correspondence and data provided, it appears that your case meets the closure requirements in ch. NR 726, Wisconsin Administrative Code.

Since the property is currently an abandoned landfill, site management will transfer from the RR Program to the Waste & Materials Management (WMM) Program. Your contact for further correspondence and work at the site is Greg Tilkens in our Green Bay office. His phone number is (920) 662-5433.

The Department considers this RR case closed and no further remediation is required at this time; however, you and future property owners must comply with certain continuing obligations as explained in this letter.

GIS Registry

This site will be listed on the Remediation and Redevelopment Program's GIS Registry. The specific reasons are summarized below:

- The clay/soil barrier must be maintained over the waste area and the state must approve any changes to this barrier.
- Groundwater contamination is present above Chapter NR 140 enforcement standards.
- All monitoring wells and piezometers will remain in place and be maintained in accordance with the WMM Program.

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

Closure Conditions

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

Landfill Cover

Pursuant to s. 292.12(2)(a), Wis. Stats., the clay/soil landfill cover that currently exists in the location shown on the attached map shall be maintained in compliance with a maintenance plan approved by the WMM Program in order to minimize the infiltration of water and prevent additional groundwater contamination that would violate the groundwater quality standards in ch. NR 140, Wis. Adm. Code, and to prevent direct contact with waste materials that might otherwise pose a threat to human health. If the waste area described above is planned for excavation in the future, the property owner at that time must work with the WMM Program to design an adequate treatment and/or disposal plan.

A maintenance plan and inspection log is to be kept up-to-date and available to the Department only upon request, or as requested by the WMM Program.

Prohibited Activities

The following activities are prohibited on any portion of the property where the clay/soil cover is required as shown on the attached map, unless prior written approval has been obtained from the Wisconsin Department of Natural Resources: 1) removal of the existing barrier; 2) replacement with another barrier; 3) excavating or grading of the land surface; 4) filling on capped or paved areas; 5) plowing for agricultural cultivation; 6) construction or placement of a building or other structure.

Residual Groundwater Contamination

Groundwater impacted by chlorinated solvent contamination greater than enforcement standards set forth in ch. NR140, Wis. Adm. Code, is present both on this contaminated property and off this contaminated property. Off-property owners have been notified of the presence of groundwater contamination. For more detailed information regarding the locations where groundwater samples have been collected (i.e., monitoring well locations) and the associated contaminant concentrations, refer to the Remediation and Redevelopment Program's GIS Registry at the RR Sites Map page at http://dnr.wi.gov/org/aw/rr/gis/index.htm.

Monitoring Wells and Piezometers

All monitoring wells and piezometers depicted on the attached map, may not be abandoned because monitoring is still required by the WMM Program. These wells must be maintained in compliance with the current monitoring plan which was dated March 20, 2001 and the requirements in ch. NR 141, Wis. Adm. Code. Since additional monitoring wells were installed at the site as part of the investigation, please submit an updated monitoring plan in accordance with s. NR 507.16, Wis. Adm. Code to Greg Tilkens at the address identified below. Please submit the plan within 60 days of the date of this letter.

Because these monitoring wells and piezometers remain in place, the site will be listed on the DNR Remediation and Redevelopment GIS Registry as stated previously in this letter.

Dewatering Permits

The Department's Watershed Management Program regulates point source discharges of contaminated water, including discharges to surface waters, storm sewers, pits or to the ground surface. This includes discharges from construction related dewatering activities, including utility and building construction.

Based on the concentrations of contaminants remaining in groundwater at this location, it appears likely that dewatering activities would require a permit from the Watershed Management Program. If you or any other person plan to conduct such activities, you or that person must contact that program, and if necessary, apply for the necessary discharge permit. Additional information regarding discharge permits is available at http://www.dnr.state.wi.us/org/water/wm/ww/

Vapor Mitigation System

In addition, due to the waste materials present in the landfill, a passive methane gas venting system remains operational at the property. The potential for vapor inhalation and means of mitigation should be evaluated when planning any future redevelopment, and measures should be taken to ensure the continued protection of public health, safety, welfare and the environment at the site.

Post-Closure Notification Requirements

In accordance with ss, 292.12 and 292.13, Wis. Stats., you must notify the Department before making changes that affect or relate to the conditions of closure in this letter. For this case, examples of changed conditions requiring prior notification include, but are not limited to:

- Development, construction or other changes, including zoning changes, that change the land use from industrial to non-industrial;
- Disturbance, construction on, change or removal in whole or part of the clay/soil barrier that must be maintained over waste;
- Discontinuing operation and maintenance or changes to the vapor mitigation system;
- Maintenance of the monitoring well/piezometer network.

Please send written notifications in accordance with the above requirements to Northeast Region Waste & Materials Management Program, to the attention of Greg Tilkens. His mailing address is:

Wisconsin Department of Natural Resources
Northeast Region – Waste & Materials Management
2984 Shawano Avenue
Green Bay, WI 54313-6727

In order to retain eligibility, you will need to verify that you have implemented these pollution prevention measures. You may wish to keep documentation in your files, such as invoices and photographs, of any enhanced pollution prevention measures you implement, in order to provide future verification.

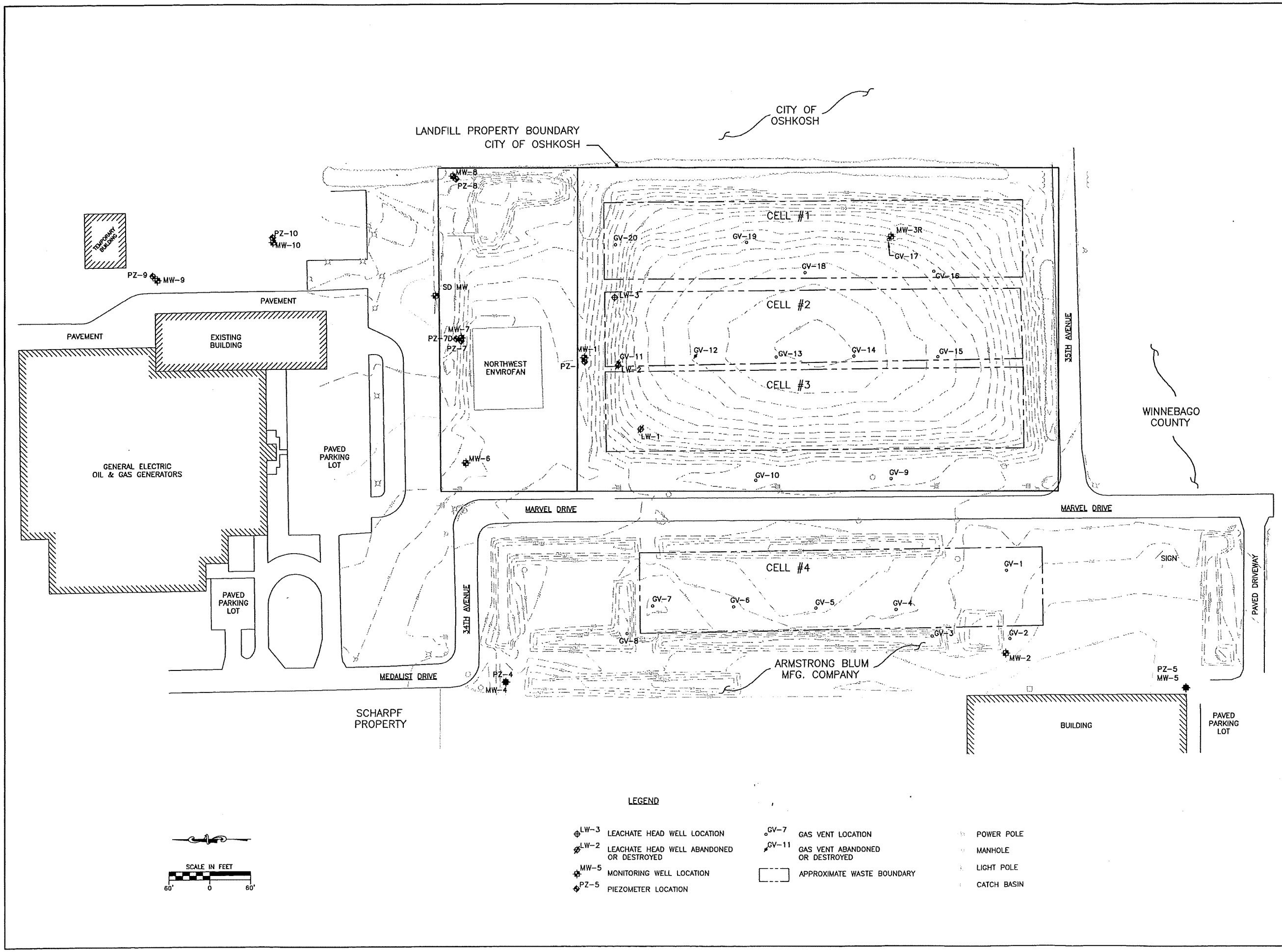
The Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this closure decision or anything outlined in this letter, please contact Kathy Sylvester at (920) 424-0399.

Sincerely,

Bruce G. Urben, Team Supervisor
NER Remediation & Redevelopment Program

cc: Case File – OSH
Greg Tilkens – NER/WWM (via email: Gregory.tilkens@wisconsin.gov)
Andrew Mott (AECOM via email: Andrew.Mott@aecom.com)
Paul Killian (AECOM via email: Paul.Killian@aecom.com)
Janet Dahl, Northwest Envirofan, PO Box 2944, Oshkosh, WI 54903
Douglas Thurber, General Electric Oil & Gas, 3300 Medalist Drive, Oshkosh, WI 54902
Scott Smet, Smet Investments, LLC, 800 O'Keefe Rd, Suite C, De Pere, WI 54115

TIMMERMAN FARM LANDFILL
Approximate outline of cover area
(one cell west of Marvel Dr, 3 cells east of Marvel Dr)



LEGEND

- LW-3 LEACHATE HEAD WELL LOCATION
- LW-2 LEACHATE HEAD WELL ABANDONED OR DESTROYED
- MW-5 MONITORING WELL LOCATION
- PZ-5 PIEZOMETER LOCATION
- GV-7 GAS VENT LOCATION
- GV-11 GAS VENT ABANDONED OR DESTROYED
- APPROXIMATE WASTE BOUNDARY
- POWER POLE
- MANHOLE
- LIGHT POLE
- CATCH BASIN

STS | AECOM

558 North Main Street
Oshkosh, Wisconsin

920.235.0270

www.stsconsultants.com

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SITE TOPOGRAPHY
TIMMERMAN FARM LANDFILL
CITY OF OSHKOSH
OSHKOSH, WISCONSIN

Issued

Rev	Date	Description

Designed:	HMM	8/26/2008
Drawn:	MAS	8/26/2008
Checked:	HMM	8/26/2008
Approved:		

PROJECT NUMBER
200801623

SHEET REFERENCE NUMBER

FIGURE 2

X:\Projects\200801623\DWG\200801623-Fig 2.dwg: 2/16/2009 4:54:44 PM: WOODROW, MATT: STS_BLACK_040102_HALF.ctb

A cap has been in place and maintained since installation in 1970's. The cap and maintenance will be regulated under Waste Management jurisdiction.

--Kathleen M. Sylvester, RR Hydrogeologist
WDNR, Oshkosh

DOCUMENT NO.

STATE OF WISCONSIN—FORM 2
THIS SPACE RESERVED FOR RECORDING DATA

Register's Office
Winnebago County, Wis.
Received for record
this 30th Day of July
A.D., 19 81 at
10:26 o'clock AM

Marjorie Aarhus
REGISTER OF DEEDS

RETURN TO
City Attorney
City Hall
Oshkosh, WI 54901

THIS INDENTURE, Made this 11th day of May A. D., 1981, between Armstrong-Blum Manufacturing Company, a Corporation duly organized and existing under and by virtue of the laws of the State of Illinois, located at Oshkosh Wisconsin, party of the first part and City of Oshkosh, a municipal corporation, party Y of the second part,

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

A part of the Northwest Quarter (NW¼) of the Northeast Quarter (NE¼) and a part of the Southwest Quarter (SW¼) of the Northeast Quarter (NE¼) of Section Two (2), Township Seventeen (17) North, Range Sixteen (16) East in the Fourteenth (14th) Ward, City of Oshkosh, Winnebago County, Wisconsin containing 6.219 Acres of land and being described by: Commencing at the North Quarter Corner of said Section 2, thence S. 01°-18'-54" W. 1408.28 feet along the West line of the NE¼ of said Section 2 to the true point of beginning, thence N. 89°-57'-33" E. 548.74 feet along a line parallel to the North line of the NE¼ of said Section 2 to a point on the Westerly line of Medalist Drive, thence S. 00°-41'-53" W. 491.53 feet, recorded as S. 00°-38' W. along the Westerly line of Medalist Drive, thence S. 89°-59'-28" W. 554.03 feet to a point on the West line of the NE¼ of said Section 2, thence N. 01°-18'-54" E. 491.31 feet along the West line of the NE¼ of said Section 2 to the true point of beginning.

(IF NECESSARY, CONTINUE DESCRIPTION ON REVERSE SIDE)

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

To Have and To Hold the said premises as above described with the hereditaments and appurtenances, unto the said party Y of the second part, and to its heirs and assigns FOREVER.

And the said Armstrong-Blum Manufacturing Company, party of the first part, for itself and its successors, does covenant, grant, bargain and agree to and with the said party Y of the second part, its heirs and assigns, that at the time of the ensealing and delivery of these presents it is well seized of the premises above described, as of a good, sure, perfect, absolute and indefeasible estate of inheritance in the law, in fee simple, and that the same are free and clear from all incumbrances whatever except easements and restrictions of record, and that the above bargained premises in the quiet and peaceable possession of the said party Y of the second part, its heirs and assigns, against all and every person or persons lawfully claiming the whole or any part thereof, it will forever WARRANT AND DEFEND.

In Witness Whereof, the said Armstrong-Blum Manufacturing Company, party of the first part, has caused these presents to be signed by William E. Blum, its President, and countersigned by Thomas S. Armstrong, its Assistant Secretary, at Chicago, Illinois and its corporate seal to be hereunto affixed, this 11th day of May, A. D., 1981.

SIGNED AND SEALED IN PRESENCE OF

ARMSTRONG-BLUM MANUFACTURING COMPANY
Corporate Name

By William E. Blum
President
William E. Blum

COUNTERSIGNED:
By Thomas S. Armstrong
Assistant Secretary
Thomas S. Armstrong

STATE OF ~~WISCONSIN~~ ILLINOIS,
Cook County. } ss.

Personally came before me, this 11th day of May, A. D., 1981, William E. Blum, President, and Thomas S. Armstrong, Assistant Secretary of the above named Corporation, to me known to be the persons who executed the foregoing instrument, and to me known to be such President and Assistant Secretary of said Corporation, and acknowledged that they executed the foregoing instrument as such officers as the act of said Corporation, by its authority.

Dorothy V. LaGorio
Dorothy V. LaGorio
Notary Public Cook County, ~~WIS~~ IL.
My Commission (Expires) (Is) 4-16-83

This instrument drafted by
ATTORNEY GARY R. YAKES

(Section 59.51 (1) of the Wisconsin Statues provides that all instruments to be recorded shall have plainly printed or typewritten thereon the names of the grantors, grantees, witnesses and notary).

WARRANTY DEED—STATE OF WISCONSIN, FORM NO. 2

H. C. MILLER CO., MILWAUKEE

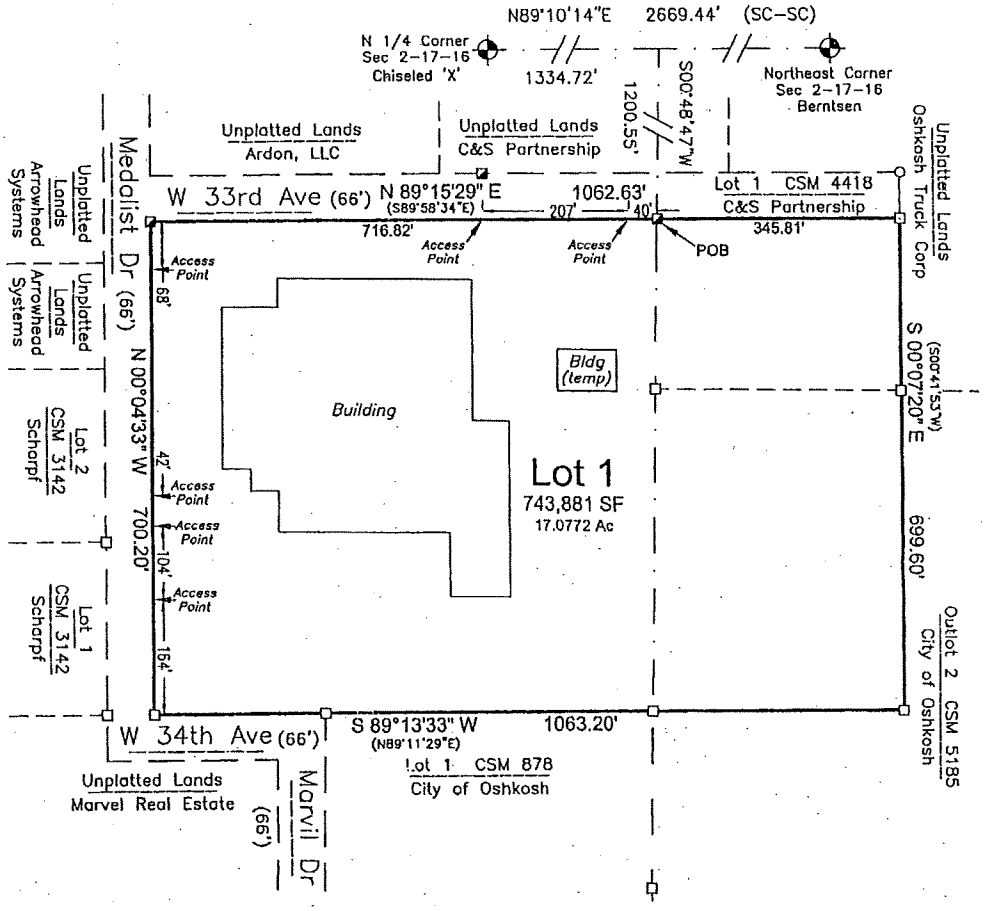
FORM NO. 985-A

HCMiller

Stock No. 26273

Certified Survey Map No. 5791

All of Lot 2 CSM 4418 and part of the Northeast 1/4 of Section 2,
Township 17 North, Range 16 East,
City of Oshkosh, Winnebago County, Wisconsin



0 200 400

Bearings are referenced to the North line of the NE 1/4 of Sec 2-17-16 Recorded to bear N89°10'14"E

WISCONSIN LAND

9/16/05

LEGEND

- ○ ¾" Rebar Found
- □ 1" Iron Pipe Found
- ◪ 2" Iron Pipe Found
- Government Corner
- ( ) Recorded As

Davel Engineering, Inc.
Civil Engineers and Land Surveyors
1811 Racine Street
Menasha, Wisconsin
Ph. 920-991-1866, Fax 920-830-9595

Sep 13,2005-1:09pm J:\Projects\2889fis\dwg\2889csm.dwg Printed by: wil

Survey for:
SMET Investments, LLC
3148 Mid Valley Dr
DePere, WI 54115

File: 2889csm.dwg
Date: 09/13/2005
Drafted By: wil

FORM NO. 985-A

HCMiller

Stock No. 26273

Certified Survey Map No. 5791

Surveyor's Certificate

I, William F. Kottler, registered land surveyor, hereby certify: That in full compliance with the provisions of Chapter 236 of the Wisconsin Statutes and the subdivision regulations of the City of Oshkosh, and under the direction of SMET Investments, LLC, owner of said land, I have surveyed divided an mapped this Certified Survey Map; that such map correctly represents all exterior boundaries and the subdivision of the land surveyed; and that this land is located in All of Lot 2 CSM 4418 and part of the Northeast 1/4 of Section 2, Township 17 North, Range 16 East, City of Oshkosh, Winnebago County, Wisconsin, containing 743,881 square fee (17.0772 Acres) described as follows:

Commencing at the North 1/4 corner of said Section 2; thence along the North line of the Northeast 1/4 of said Section 2, N89°10'14"E, 1334.72 feet; thence S00°48'47"W, 1200.55 feet to the Northwest corner of Lot 2, CSM 4418, being the point of beginning; thence along the North line of said Lot 2, N89°15'29"E, 345.81 feet to the Northeast corner of said Lot 2; thence along the East line of said Lot 2 and continuing along the West line of Outlot 2, CSM 5185, S00°07'20"E, 699.60 feet to the interior corner of said Outlot 2; thence along the northerly line of said Outlot 2, continuing alon ght eNorth line of Lot 1, CSM 878, and continuing alon ghte North line of West 34th Ave, S89°13'33"E, 1063.20 feet to the East line of Medalist Drive; thence alor said East line, N00°04'33"W, 700.20 feet to the South line of West 33rd Ave; thence along said South line, N89°15'29"E, 716.82 feet to the point of beginning, subject to all easements, and restrictions of record.

Given under my hand this 16th day of September, 2005.

William F. Kottler, Wisconsin Registered Land Surveyor No. S-2348

WISCONSIN LAND SURVEYOR

Owner's Certificate of Dedication

SMET Investments LLC, a limited liability company duly organized and existing under and by virtue of the Laws of the State of Wisconsin, as owner, does hereby certify that we caused the land above described to be surveyed, divided, mapped and dedicated all as shown and represented on this map.

In the presence of: SMET Investments LLC

Managing Member — Date 9/20/05

State of Wisconsin)

Brown County) ss

Personally came before me this 20th day of September, 2005, the above to me known to be such Managing Membe of said limited liability company, and acknowledge that they executed the foregoing instrument as such officers as the deed of said limited liability company, by its authority.

Dawn A. Hockus, My commission expires 6/25/06

Notary Public, Wisconsin.

Treasurer's Certificate

I hereby certify that there are no unpaid taxes or unpaid special assessments on any of the lands shown hereon.

County Treasurer — Date 9/20/05

City Treasurer — Date 9/19/05

Certificate of City Planning Department

This Certified Survey Map has been reviewed and approved by the City of Oshkosh Planning Department.

Planning Department Representative — Date 9/19/05

This Certified Survey Map is contained wholly within the property described in the following recorded instruments:

Owners of record:	Recording Information:	Parcel Number(s):
SMET Investments, LLC	Doc No 1170961	1413650000

File: 2889csm.c

FORM NO. 985-A

HCMiller

Stock No. 26273

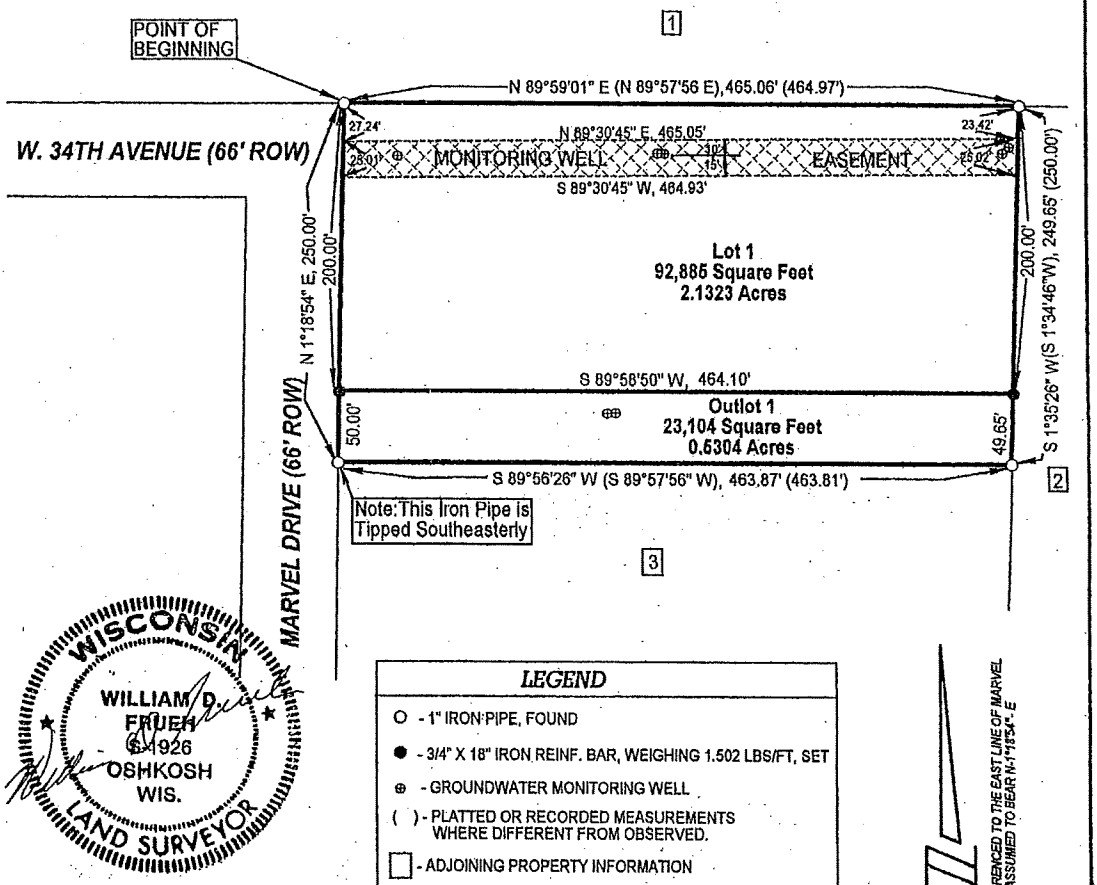
CERTIFIED SURVEY MAP NO. 5690

BEING A REDIVISION OF CERTIFIED SURVEY MAP NUMBER 878, WHICH IS PART OF THE SOUTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION TWO, TOWNSHIP SEVENTEEN NORTH, RANGE SIXTEEN EAST, FOURTEENTH WARD, CITY OF OSHKOSH, WINNEBAGO COUNTY, WISCONSIN.

SURVEY FOR: Chamco, Inc.

SURVEY DATED: November 11, 2004

PARCEL NUMBER: 91413620106
DOCUMENT NUMBERS: Volume 964, Page 422



WISCONSIN
WILLIAM D. FRUEH
S-1926
OSHKOSH
WIS.
LAND SURVEYOR

LEGEND
O - 1" IRON PIPE, FOUND
● - 3/4" X 18" IRON REINF. BAR, WEIGHING 1.502 LBS/FT, SET
⊕ - GROUNDWATER MONITORING WELL
( ) - PLATTED OR RECORDED MEASUREMENTS WHERE DIFFERENT FROM OBSERVED.
☐ - ADJOINING PROPERTY INFORMATION

ADJOINING PROPERTY NO.	OWNER	PARCEL NUMBER	PLATTED OR UNPLATTED
1	SMET INVESTMENTS, LLC	91413650000	UNPLATTED
2	CITY OF OSHKOSH	91413670500	OUTLOT 2, CSM #5185
3	CITY OF OSHKOSH	91413620104	UNPLATTED

PUBLIC EASEMENT FOR MONITORING WELL ACCESS
NO IMPOROVEMENTS ARE ALLOWED WITHIN AREAS RESERVED FOR THE PUBLIC EASEMENT FOR MONITORING WELL ACCESS. IMPROVEMENTS INCLUDE, BUT ARE NOT LIMITED TO, BUILDING STRUCTURES, DRIVEWAYS, PARKING AREAS, LANDSCAPING OR FENCES. ANY IMPROVEMENT SHALL BE ALLOWED ONLY BY SPECIAL EXCEPTION OF THE BOARD OF PUBLIC WORKS.

FRUEH CONSULTING SERVICES, LLC
ENGINEERING AND LAND SURVEYING
P. O. Box 282, Oshkosh Wisconsin 54903
TELEPHONE (920) 235-0279

FORM NO. 985-A

HCMiller

Stock No. 26273

CERTIFIED SURVEY MAP NO. 5690

BEING A REDIVISION OF CERTIFIED SURVEY MAP NUMBER 878, WHICH IS A PART OF THE SOUTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION TWO, TOWNSHIP SEVENTEEN NORTH, RANGE SIXTEEN EAST, FOURTEENTH WARD, CITY OF OSHKOSH, WINNEBAGO COUNTY, WISCONSIN.

SURVEYOR'S CERTIFICATE

STATE OF WISCONSIN)
:SS
WINNEBAGO COUNTY)

I, WILLIAM D. FRUEH, Wisconsin Registered Land surveyor do hereby certify:

That I have surveyed, re-divided and mapped Certified Survey Map Number 878, which is a part of the Southwest Quarter of the Northeast Quarter of Section Two, Township Seventeen North, Range Sixteen East, Fourteenth Ward, City of Oshkosh, Winnebago County, Wisconsin, which is bounded and described as follows:

COMMENCING at the Northwest Corner of Said Certified Survey Map Number 878, **THE POINT OF BEGINNING**; thence N 89°59'01" E, a distance of 465.06 feet, to the Northeast Corner of Said Certified Survey Map Number 878; thence S 1°35'26" W, a distance of 249.65 feet, to the Southeast Corner of Said Certified Survey Map Number 878; thence S 89°56'26" W, a distance of 463.87 feet, to the Southwest Corner of Said Certified Survey Map Number 878; thence N 1°18'54" E, a distance of 250.00 feet to the **POINT OF BEGINNING**; said described tract containing 115,989 Square Feet, (2.6627 Acres), more or less.

SAID PARCEL IS SUBJECT TO ALL EXISTING EASEMENTS AND RESTRICTIONS OF RECORD.

THAT I have made this survey by the direction of Mr. Douglas Pearson, Executive Director of Chamco, Inc. and the City of Oshkosh, owners of said land.

THAT such map is a correct representation of all the exterior boundaries of the land surveyed and the land division thereof made.

This CSM is contained wholly within the property described in the following recorded instruments: Volume 964, Page 422.

THAT I have fully complied with the provisions of Chapter 236 of the Wisconsin Statutes and the Land Subdivision Ordinance of the City of Oshkosh.

11/11/04 William D. Frueh
Date William D. Frueh, Registered Land Surveyor S-1926

WISCONSIN
WILLIAM D.
FRUEH
S-1926
OSHKOSH
WIS.
LAND SURVEYOR

FORM NO. 985-A

HCMiller

Stock No. 26273

CERTIFIED SURVEY MAP NO. 5690

BEING A REDIVISION OF CERTIFIED SURVEY MAP NUMBER 878, WHICH IS A PART OF THE SOUTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION TWO, TOWNSHIP SEVENTEEN NORTH, RANGE SIXTEEN EAST, FOURTEENTH WARD, CITY OF OSHKOSH, WINNEBAGO COUNTY, WISCONSIN.

OWNERS CERTIFICATE

AS A REPRESENTATIVE OF CHAMCO, INC., Agent for the City of Oshkosh, said city being a corporation duly organized and existing under and by virtue of laws of the State of Wisconsin, I hereby certify that I caused the land described on this map to be surveyed, divided and mapped as represented on this map in accordance with the City of Oshkosh Subdivision Ordinance.

WITNESS the hand and seal of said Representative this 8th day of March, ~~2004~~ 2005.

Douglas Pearson

STATE OF WISCONSIN)
:SS
WINNEBAGO COUNTY)

Personally came before me this 8th day of March, ~~2004~~ 2005 the aforementioned, to me known to be the persons who executed the foregoing instrument, and acknowledged the same.

Notary public, Winnebago County **Wisconsin**
My Commission Expires 7/16/06

CITY OF OSHKOSH PLANNING CERTIFICATE

This Certified Survey Map, being a redivision of Certified Survey Map Number 878, which is a part of the Southwest Quarter of the Northeast Quarter of Section Two, Township Seventeen North, Range Sixteen East, Fourteenth Ward, City of Oshkosh, Winnebago County, Wisconsin, prepared for CHAMCO, Inc., is hereby approved.

Date: 3/14/05

Planning Commission Representative

THIS DOCUMENT WAS DRAFTED BY

William D. Frueh
Wisconsin Registered land surveyor, S-1926

Date: 11/11/04

WISCONSIN
WILLIAM D.
FRUEH
S-1926
OSHKOSH
WIS.
LAND SURVEYOR

CITY HALL
215 Church Avenue
P.O. Box 1130
Oshkosh, Wisconsin
54903-1130

City of Oshkosh

OSHKOSH

February 20, 2009

Ms. Kathy Sylvester
WIDNR
625 East County Road Y
Oshkosh, WI 54901

Re: Timmerman Farm Landfill Closure Request

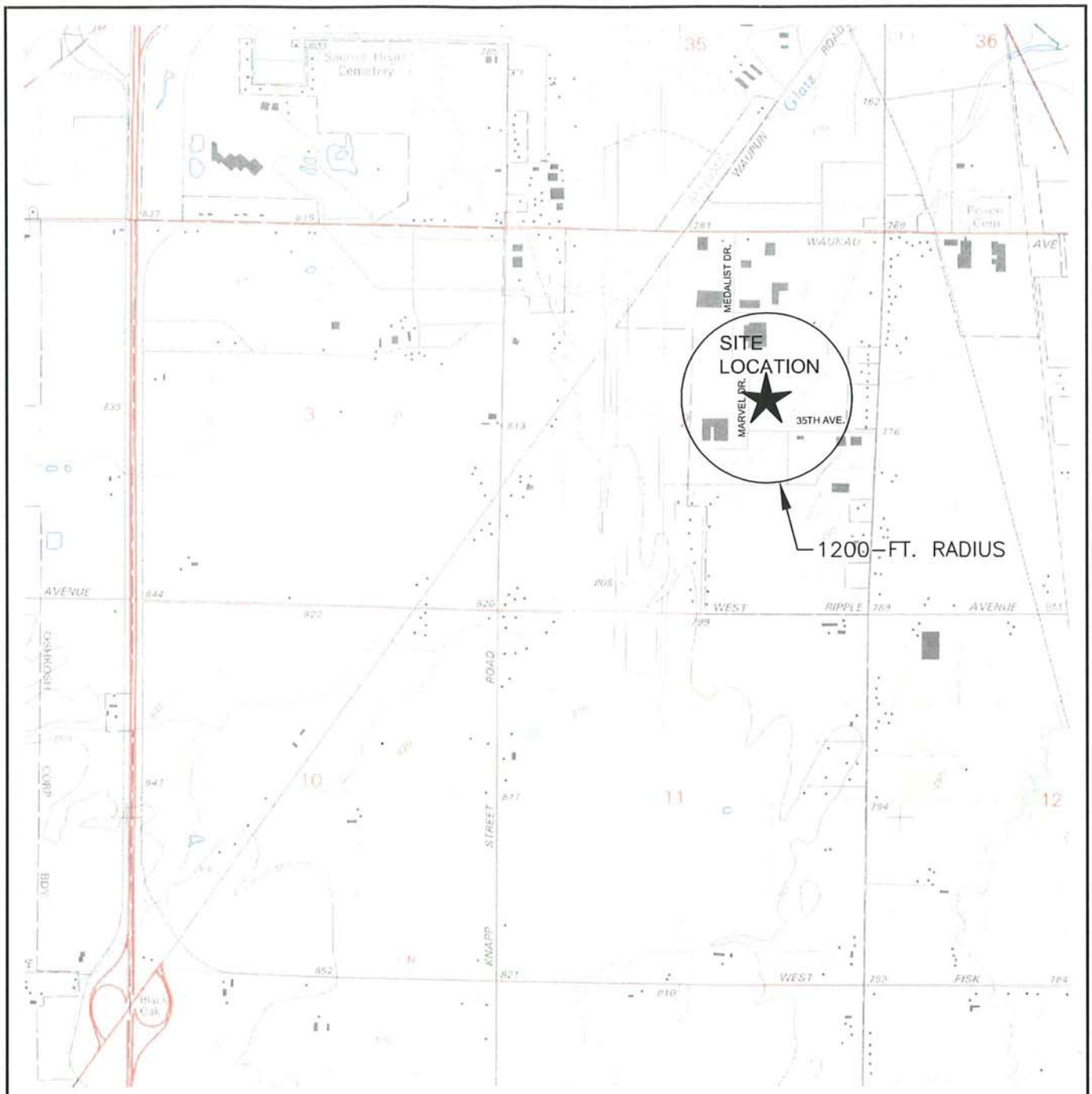
Dear Kathy:

Per the "GIS Registry Checklist" (Form 4400-245) requirement, I am documenting with this signed statement that I believe the attached legal descriptions accurately describe the correct contaminated properties.

Sincerely,

David C. Patek

David C. Patek
Director of Public Works



0 2000
1" = 2000'

N

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Oshkosh, Wisconsin
920.235.0270
www.sts.aecom.com

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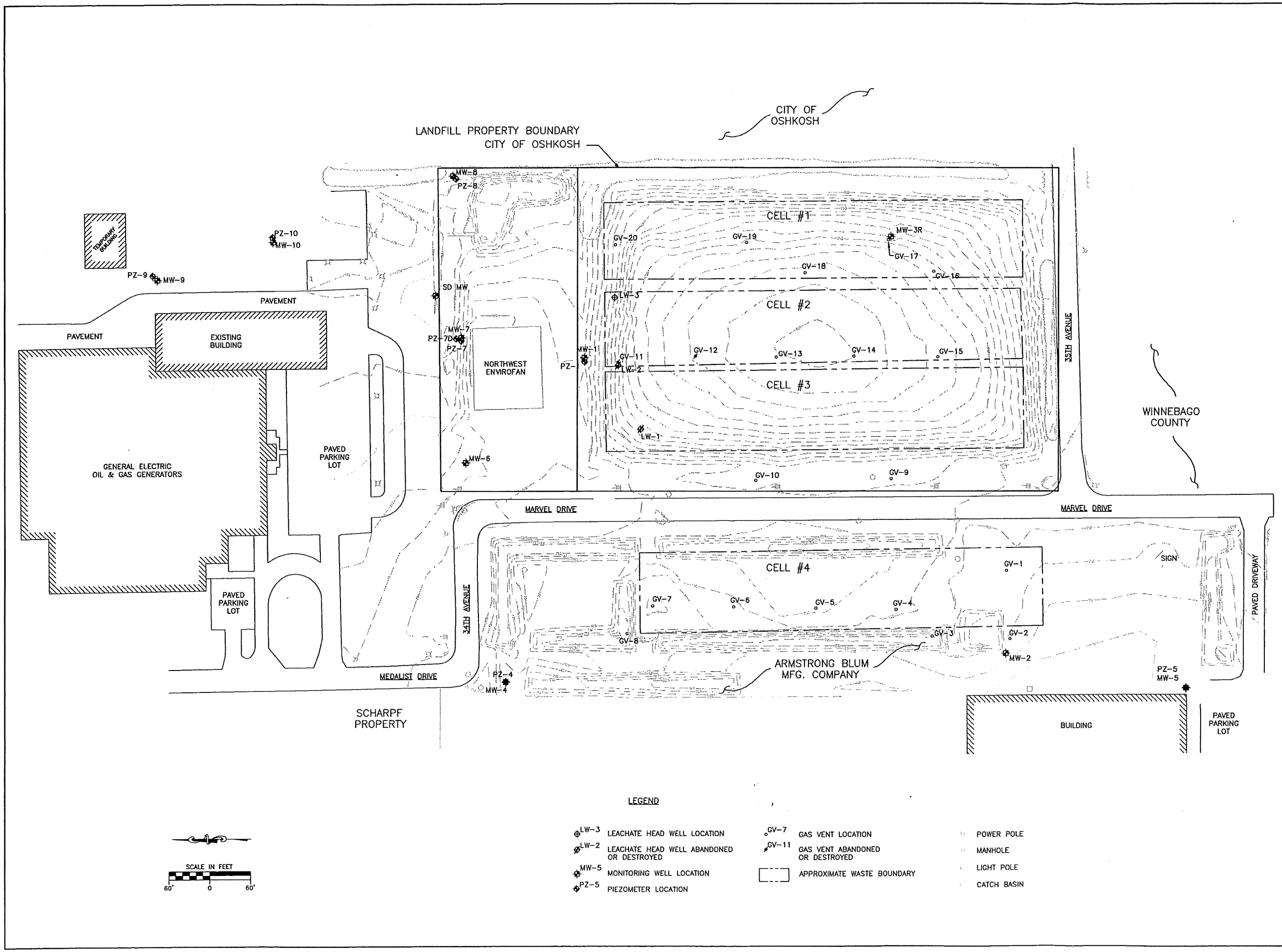
SITE LOCATION MAP
TIMMERMAN FARM LANDFILL
CITY OF OSHKOSH
OSHKOSH, WISCONSIN

Drawn :	MAS	8/26/2008
Checked:	HMM	8/26/2008
Approved:		
PROJECT NUMBER	200801623	
FIGURE NUMBER	1	

X:\Projects\200801623\dwg\200801623-Fig1.dwg; 8/26/2008 12:10:20 PM; SIMON, MAGGIE; STS_BLACK_040102.ctb



LEGEND

- LW-3 LEACHATE HEAD WELL LOCATION
- LW-2 LEACHATE HEAD WELL ABANDONED OR DESTROYED
- MW-5 MONITORING WELL LOCATION
- PZ-5 PIEZOMETER LOCATION
- GV-7 GAS VENT LOCATION
- GV-11 GAS VENT ABANDONED OR DESTROYED
- APPROXIMATE WASTE BOUNDARY
- POWER POLE
- MANHOLE
- LIGHT POLE
- CATCH BASIN

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SITE TOPOGRAPHY
TIMMERMAN FARM LANDFILL
CITY OF OSHKOSH
OSHKOSH, WISCONSIN

Issued

Rev	Date	Description

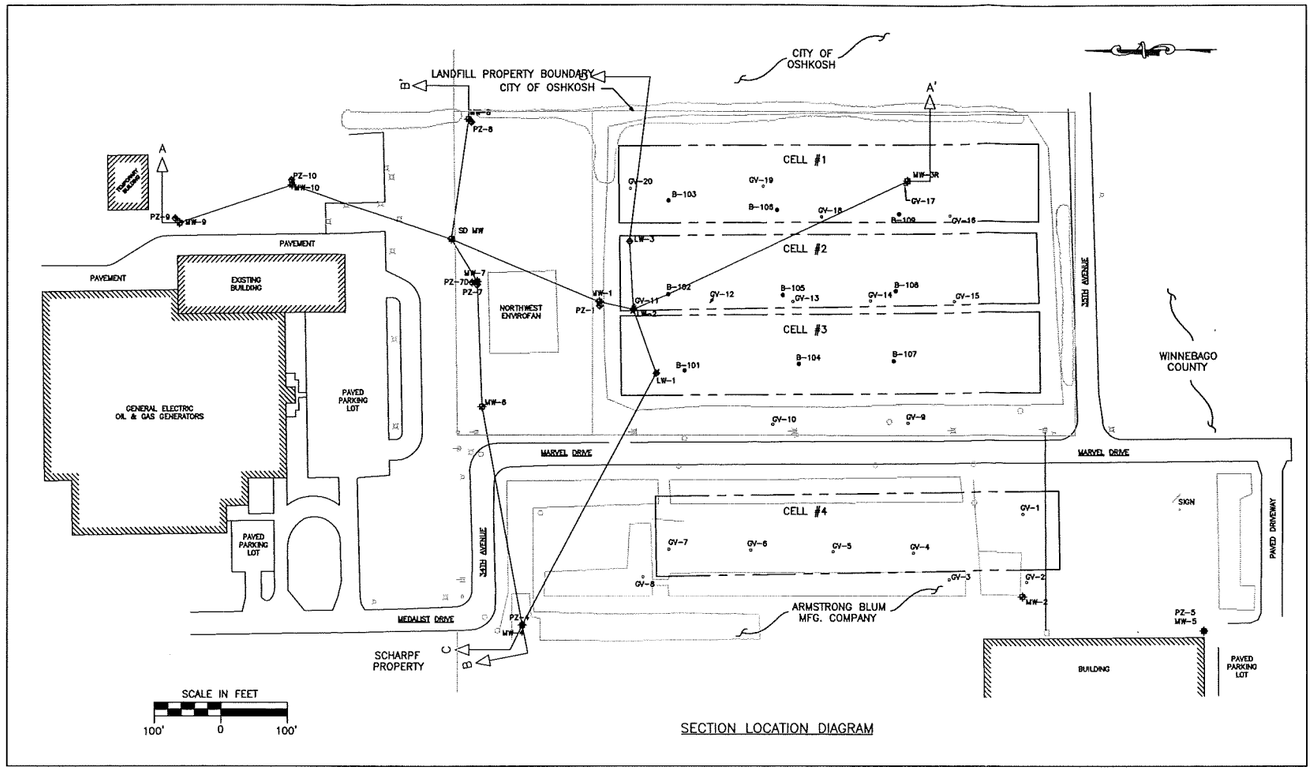
Designed:	HMM	8/26/2008
Drawn:	MAS	8/26/2008
Checked:	HMM	8/26/2008
Approved:		

PROJECT NUMBER
200801623

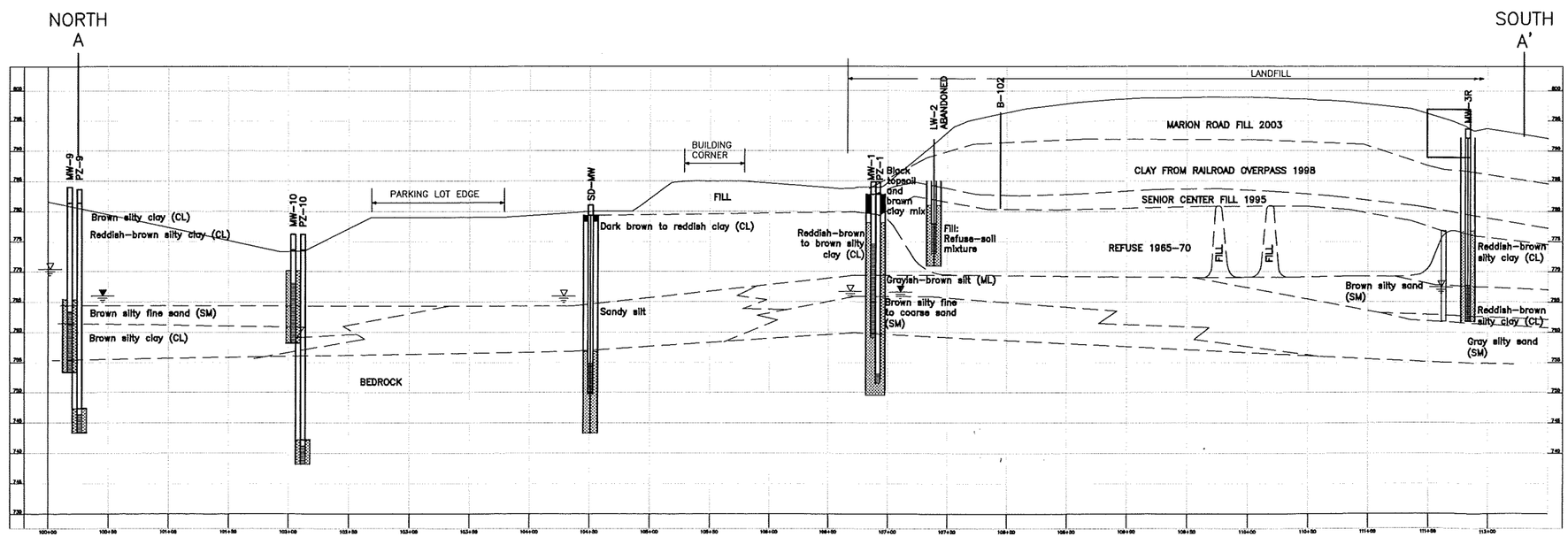
SHEET REFERENCE NUMBER

FIGURE 2

X:\Projects\200801623\DWG\200801623-Fig 2.dwg: 2/16/2009 4:54:44 PM: WOODROW, MATT: STS_BLACK_040102_HALF.ctb



SECTION LOCATION DIAGRAM



10' 0 100'

SECTION A–A'

LEGEND

- WATER TABLE ELEVATION (JUNE 2006)
- PIEZOMETRIC SURFACE ELEVATION (JUNE 2006)
- GROUND SURFACE
- STRATIGRAPHIC BOUNDARY

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CROSS-SECTION A-A'
TIMMERMAN FARM LANDFILL
CITY OF OSHKOSH
OSHKOSH, WISCONSIN

Issued

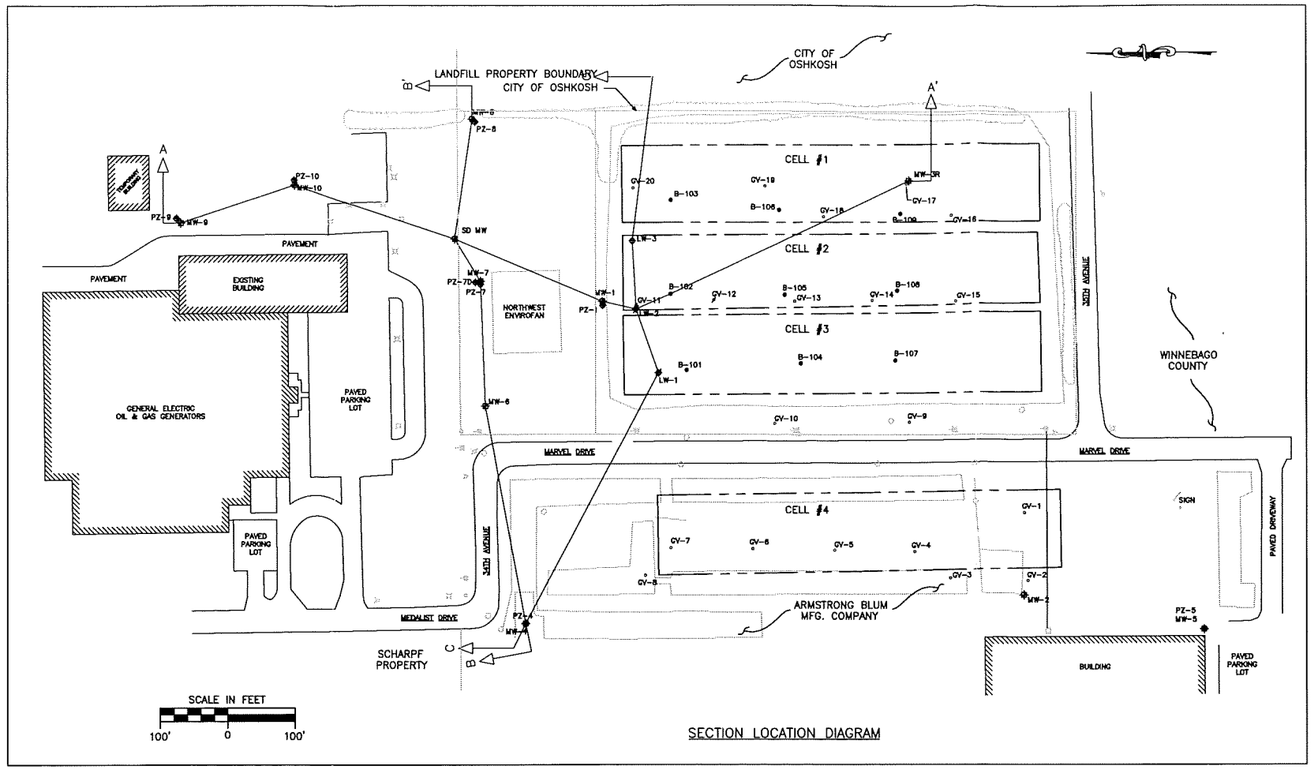
Rev	Date	Description

Designed:	HMM	8/26/2008
Drawn:	MAS	8/26/2008
Checked:	HMM	8/26/2008
Approved:		

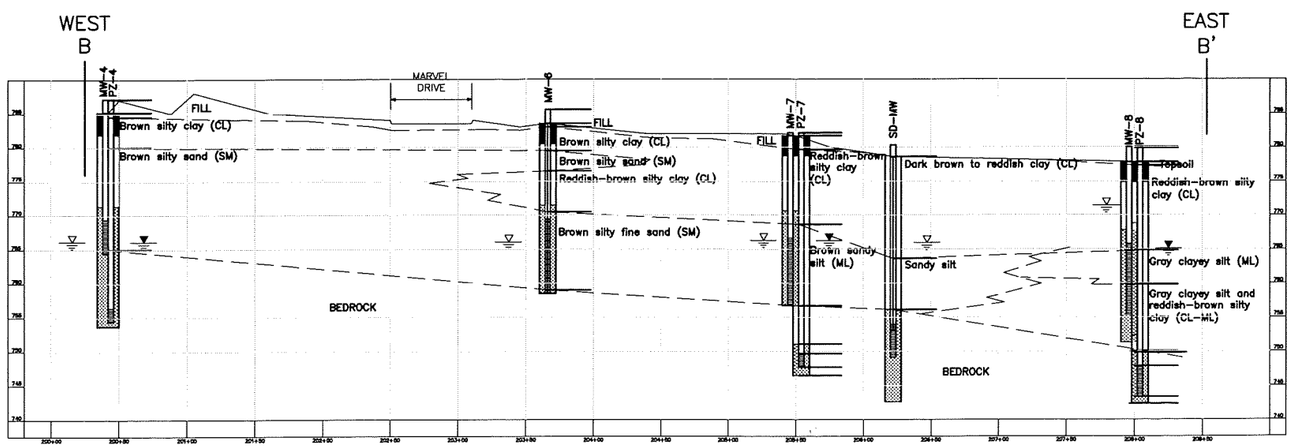
PROJECT NUMBER
200801623

SHEET REFERENCE NUMBER
FIGURE 3

X:\Projects\200801623\dwg\200801623-Fig 3,4,5.dwg; 2/18/2009 4:35:58 PM; WOODROW, MATT; STS_BLACK_040102_HALF.ctb



SECTION LOCATION DIAGRAM



SECTION B-B'

10'
0
0
100'

LEGEND

- WATER TABLE ELEVATION (JUNE 2006)
- PIEZOMETRIC SURFACE ELEVATION (JUNE 2006)
- GROUND SURFACE
- STRATIGRAPHIC BOUNDARY

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CROSS-SECTION B-B'
TIMMERMAN FARM LANDFILL
CITY OF OSHKOSH
OSHKOSH, WISCONSIN

Issued

Rev	Date	Description

Designed:	HMM	8/26/2008
Drawn:	MAS	8/26/2008
Checked:	HMM	8/26/2008
Approved:		

PROJECT NUMBER
200801623

SHEET REFERENCE NUMBER

FIGURE 4

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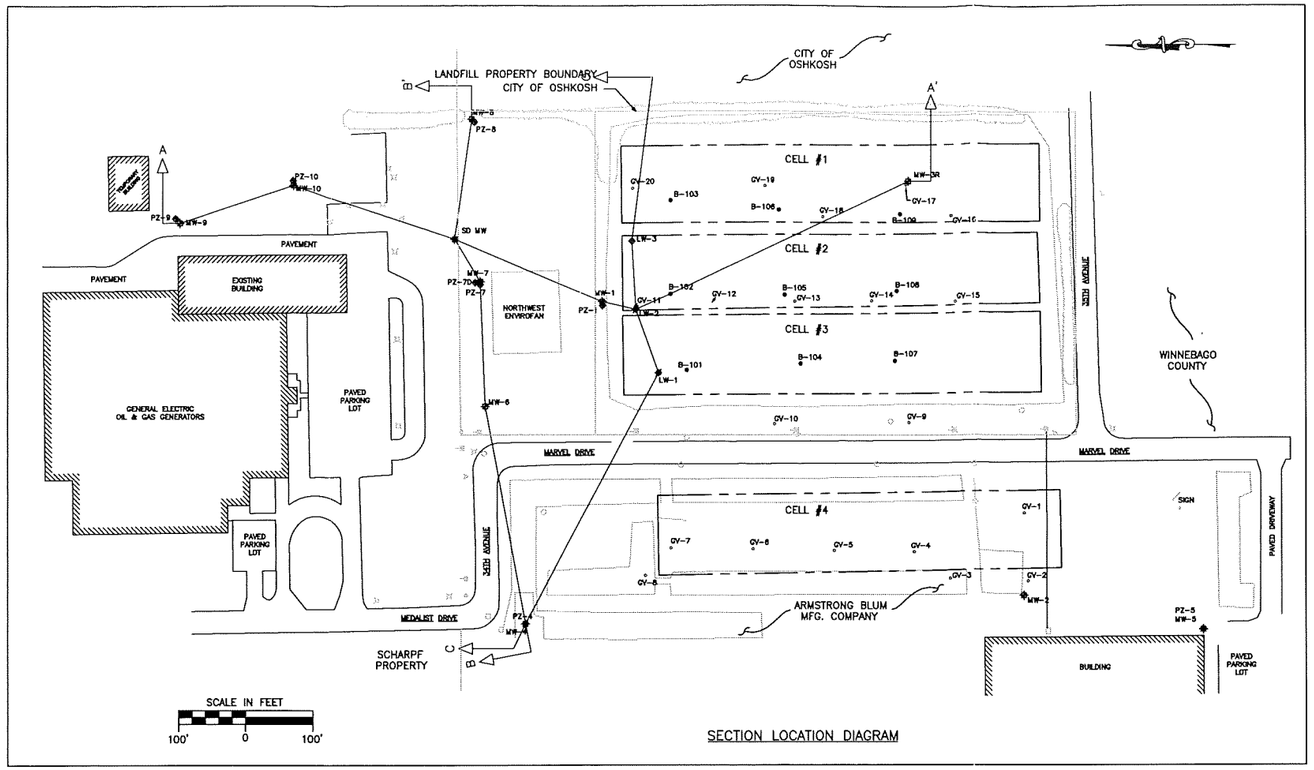
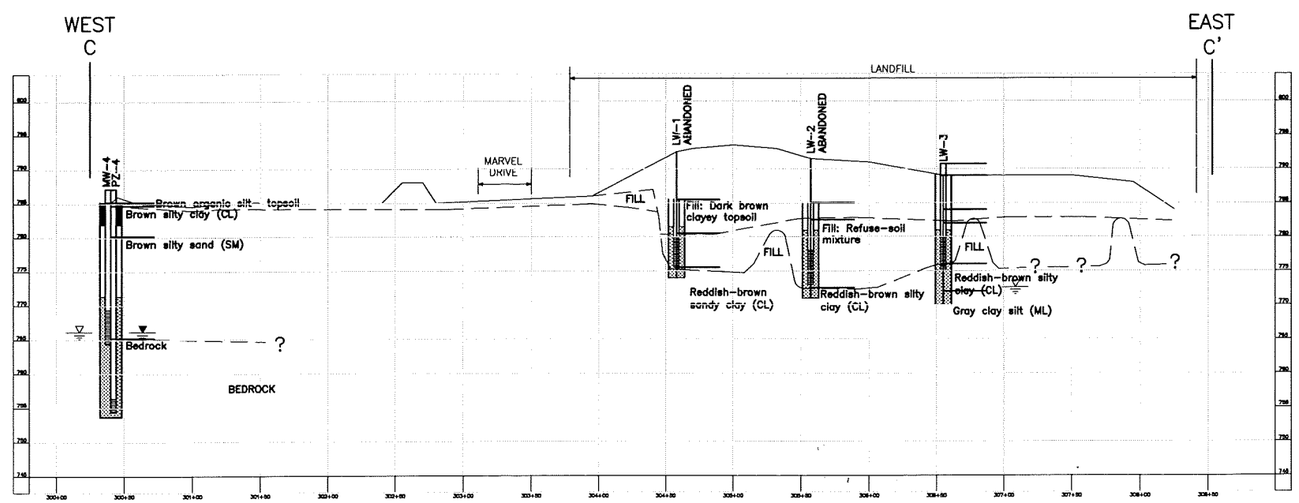


SECTION LOCATION DIAGRAM



SECTION C–C'

10' 0 0 100'

LEGEND

- WATER TABLE ELEVATION (JUNE 2006)
- PIEZOMETRIC SURFACE ELEVATION (JUNE 2006)
- GROUND SURFACE
- STRATIGRAPHIC BOUNDARY

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CROSS-SECTION C-C'
TIMMERMAN FARM LANDFILL
CITY OF OSHKOSH
OSHKOSH, WISCONSIN

Issued

Rev	Date	Description

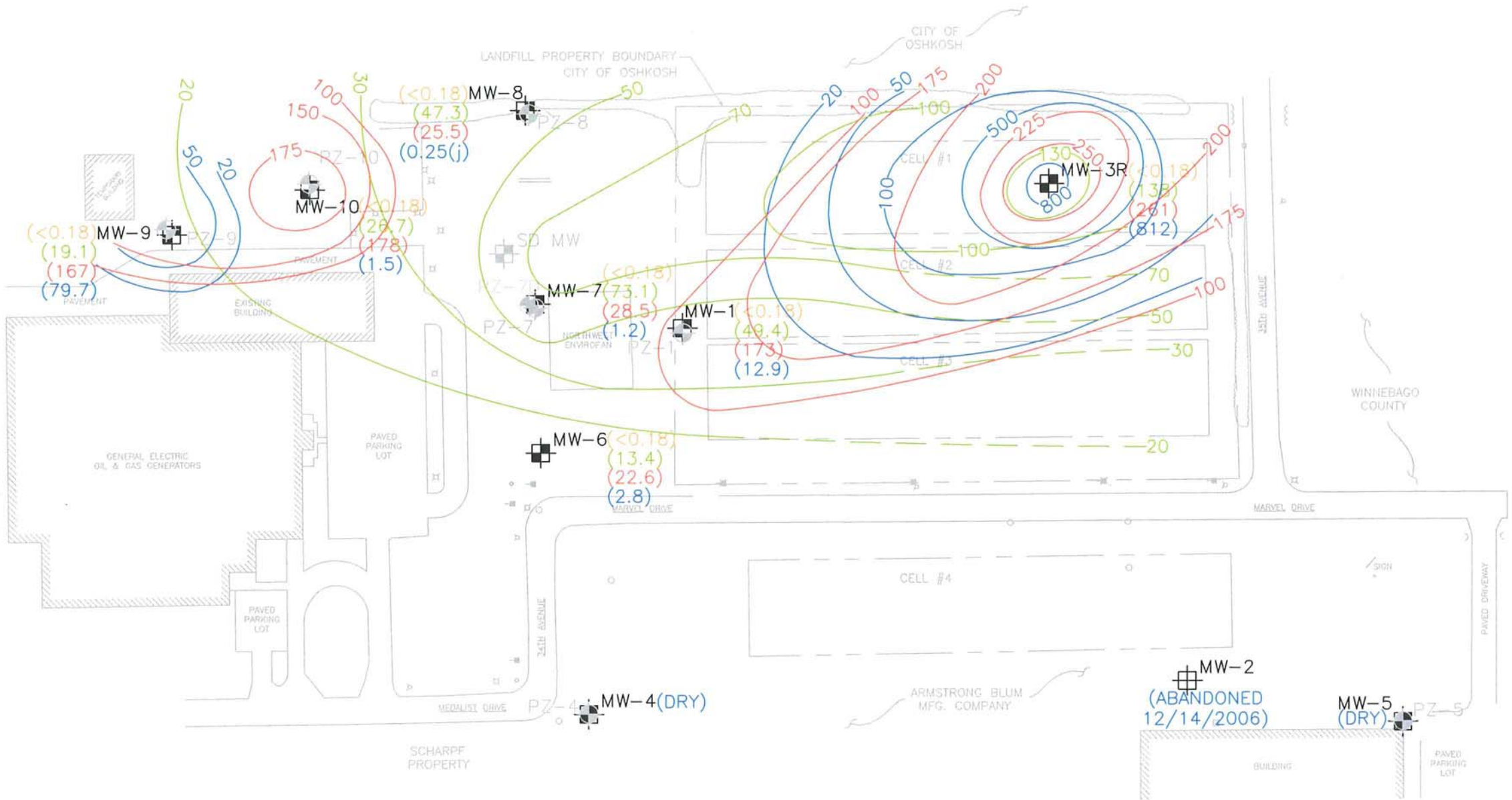
Designed:	HMM	8/26/2008
Drawn:	MAS	8/26/2008
Checked:	HMM	8/26/2008
Approved:		

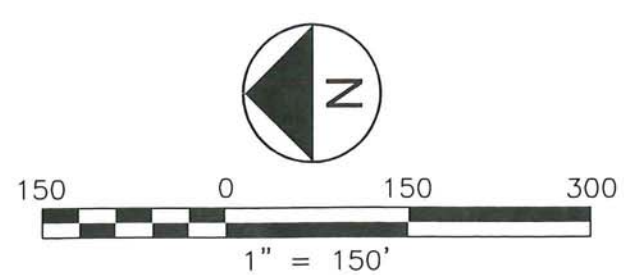
PROJECT NUMBER
200801623

SHEET REFERENCE NUMBER

FIGURE 5

X:\Projects\200801623\dwg\200801623-Fig 3,4,5.dwg; 2/18/2009 4:49:32 PM; WOODROW, MATT; STS_BLACK_040102_HALF.ctb





LEGEND

	LANDFILL CELL
MW-2	MONITORING WELL LOCATION
(<0.18)	VINYL CHLORIDE ug/l
(78)	CHLORIDE mg/l
(26)	SULFATE mg/l
(26)	MANGANESE ug/l

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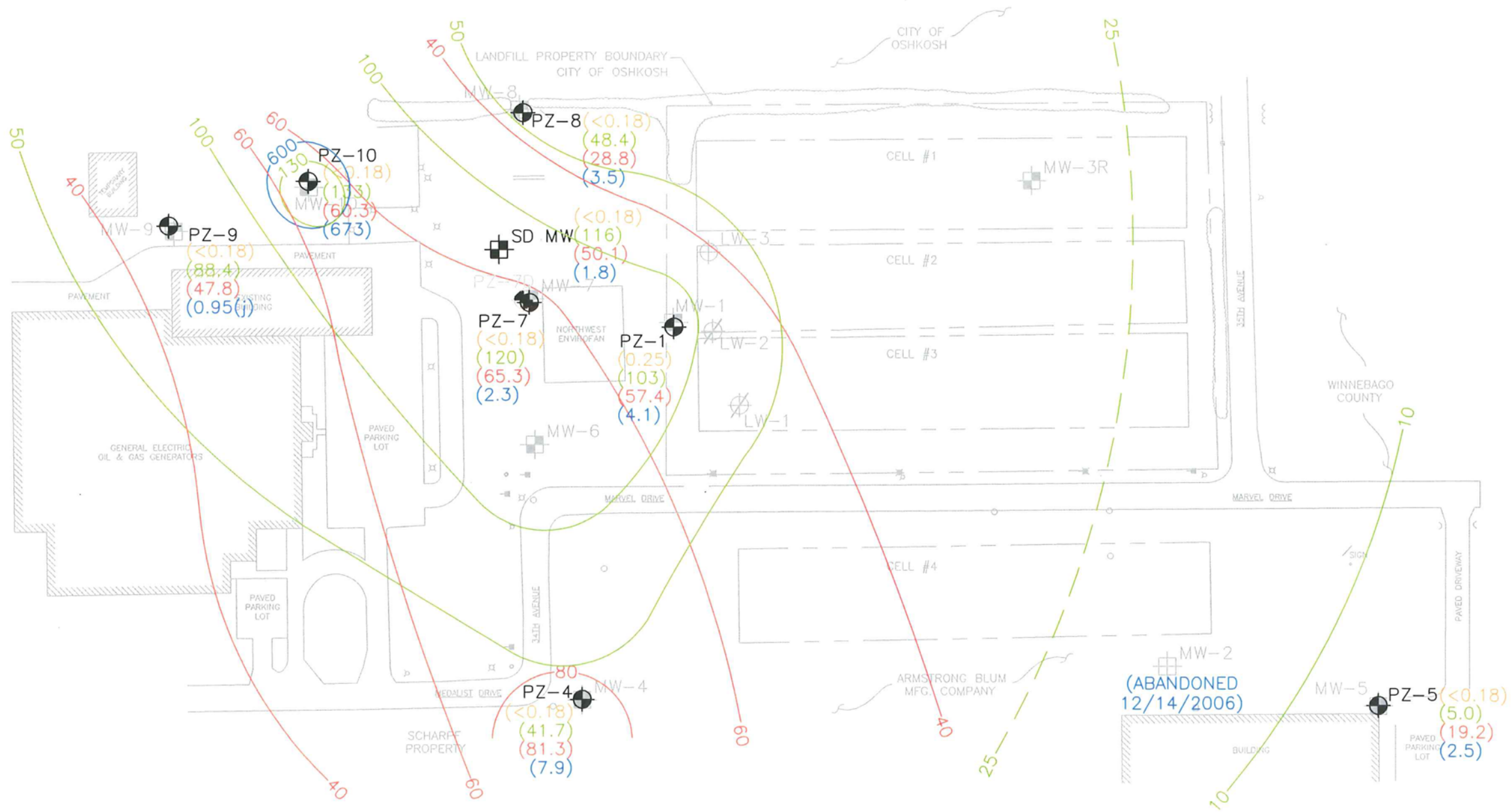
ISOCONCENTRATION MAP FOR MONITORING WELLS (3/31/2008)
TIMMERMAN FARM LANDFILL
WINNEBAGO COUNTY
OSHKOSH, WISCONSIN

Drawn :	MAS 8/5/2008
Checked:	HMM 8/5/2008
Approved:	
PROJECT NUMBER	200801623
FIGURE NUMBER	8

X:\Projects\200801623\DWG\200801623_3-2008.dwg; 9/4/2008 10:57:36 AM; SIMON, MAGGIE; STS.stb



LEGEND

	LANDFILL CELL
PZ-5	PIEZOMETER LOCATION
(<0.18)	VINYL CHLORIDE ug/l
(78)	CHLORIDE mg/l
(26)	SULFATE mg/l
(12)	MANGANESE ug/l

N

150 0 150 300

1" = 150'

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ISOCONCENTRATION MAP FOR PIEZOMETERS (3/31/2008)
TIMMERMAN FARM LANDFILL
WINNEBAGO COUNTY
OSHKOSH, WISCONSIN

Drawn:	MAS 8/5/2008
Checked:	HMM 8/5/2008
Approved:	
PROJECT NUMBER	200801623
FIGURE NUMBER	9

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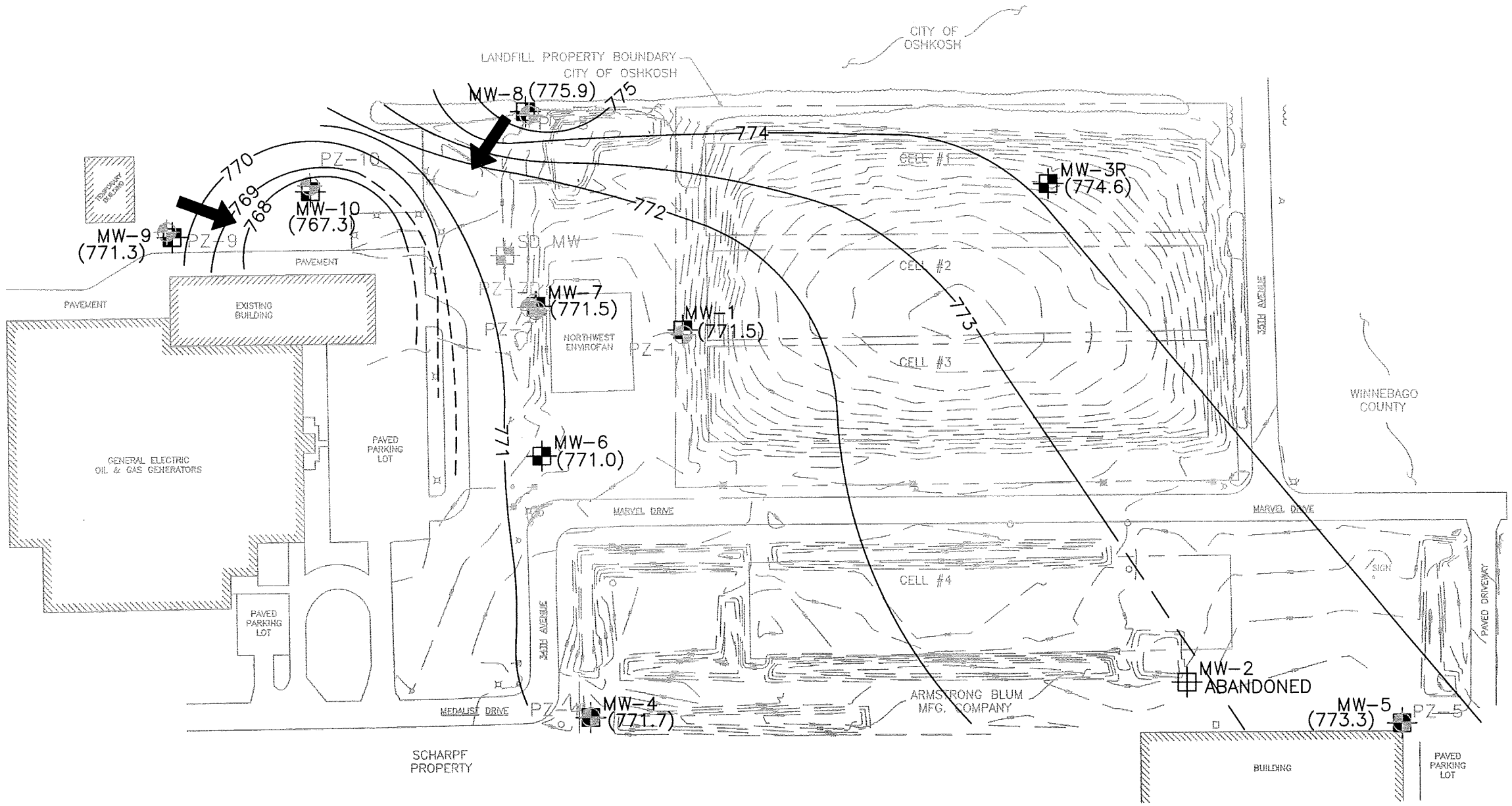

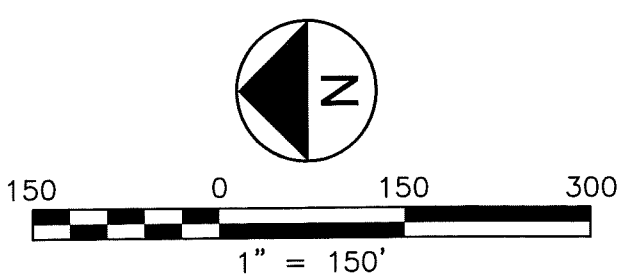

LEGEND

- LANDFILL CELL
- MW-1 — MONITORING WELL LOCATION
- GROUNDWATER CONTOUR
- APPROXIMATE GROUNDWATER CONTOUR
- (767.0) — GROUNDWATER ELEVATION
- FLOW DIRECTION

STS | AECOM

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WATER TABLE CONTOUR MAP (3/31/2008)
TIMMERMAN FARM LANDFILL
WINNEBAGO COUNTY
OSHKOSH, WISCONSIN

Drawn :	MAS	4/9/2008
Checked:	HMM	4/9/2008
Approved:		
PROJECT NUMBER	200801623	
FIGURE NUMBER	6	

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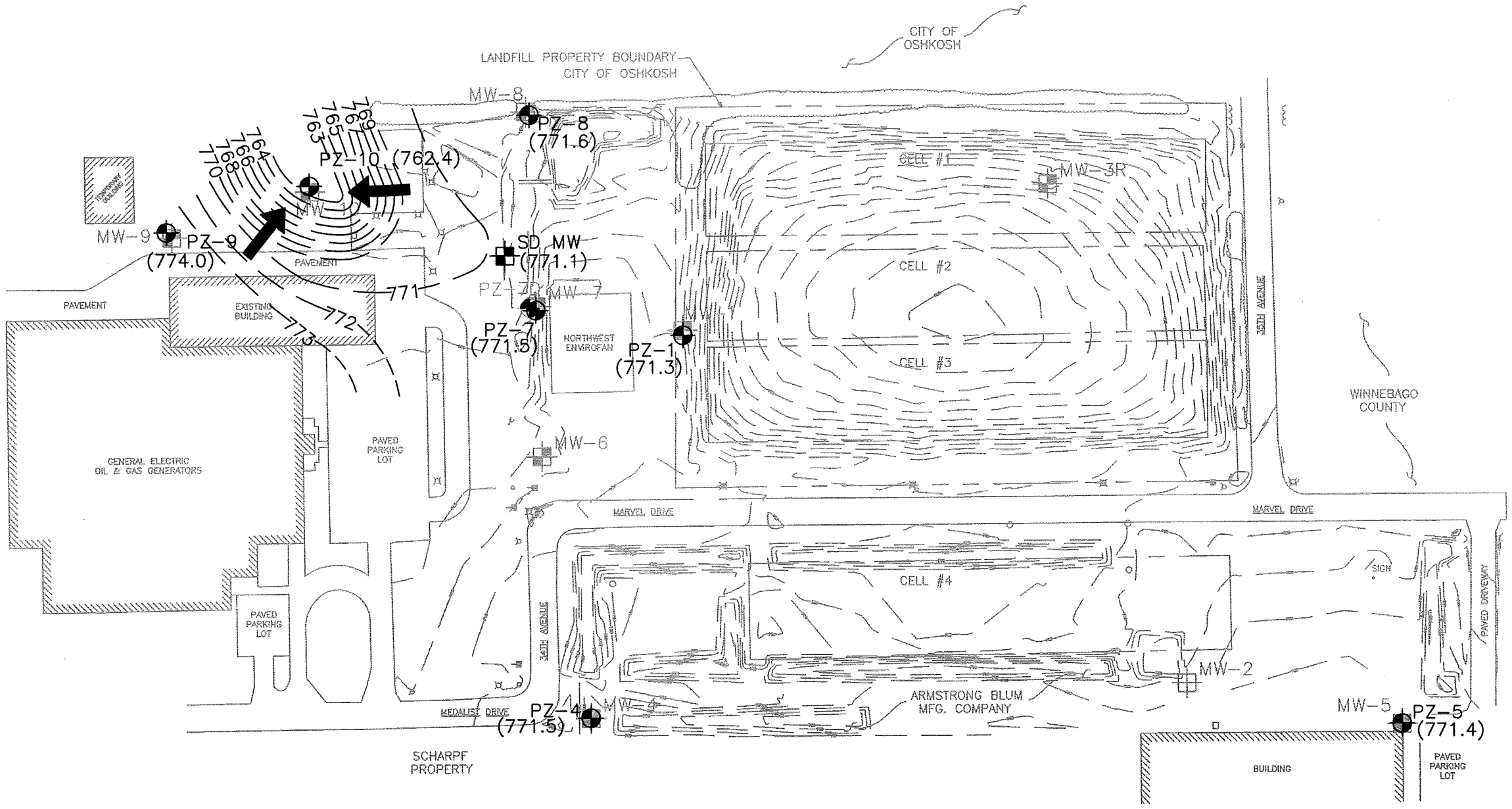

LEGEND

- LANDFILL CELL
- PZ-4 PIEZOMETER LOCATION
- GROUNDWATER CONTOUR
- APPROXIMATE GROUNDWATER CONTOUR
- (767.0) GROUNDWATER ELEVATION
- FLOW DIRECTION

N

150 0 150 300

1" = 150'

STS | AECOM

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Oshkosh, Wisconsin
920-235-0270
www.sts.aecom.com

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PIEZOMETRIC SURFACE CONTOUR MAP (3/31/2008)
TIMMERMAN FARM LANDFILL
WINNEBAGO COUNTY
OSHKOSH, WISCONSIN

Drawn :	MAS	4/9/2008
Checked:	HMM	4/9/2008
Approved:		
PROJECT NUMBER	200801623	
FIGURE NUMBER	7	

X:\Projects\200801623\DWG\200801623_3-2008.dwg; 9/4/2008 10:56:11 AM; SIMON, MAGGIE; STS.ctb

Table 1
Summary of VOC Analyses of Groundwater Samples
Timmerman Landfill
STS Project No. 200801623

Well	Date Sampled	Laboratory	Benzene	Chlorobenzene	Chloroform	Chloromethane	1,4-Dichloro-benzene	Dichloro-difluoro-methane	1,1-Dichloro-ethene	cis-1,2-Dichloroethene	Trans-1,2-Dichloroethene	Tetrachloro-ethene	Toluene	1,1,1-Trichloro-ethane	Trichloro-ethene	Vinyl Chloride
			(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-1	1/25/1994	HES[1]	<1.0	<1.0	4.2	<2.0	<1.0	<2.0	<1.0	26	1.2	<1.0	1.1	<1.0	<1.0	3.5
	3/2/1994	HES[1]	<1.0	<1.0	7.7	<2.0	<1.0	2.2	<1.0	390	18	<1.0	2.7	<1.0	7.9	260
	3/2/1994	REL[2]	0.9	<1.1	7.1	<1.1	<0.7	<1.3	2.5	568	23	<0.9	10	<2.8	9.4	294
	5/23/1994	REL[2]	--	--	--	--	--	--	--	--	--	--	--	--	--	24
	2/15/1995	Enviroscan[3]	<10	<100	<25	<100	<25	<100	<25	589	<25	<25	<100	<25	<10	1030
	6/2/1995	Enviroscan[3]	<0.2	<2.0	<0.5	<2.0	<0.5	<2.0	<0.4	27.2	1.1	<0.5	<2.0	<0.5	0.8	20.5
	1/18/1996	Enviroscan[3]	<5.0	<50	<12.5	<50	<10	<50	<10	73.4	<12.5	<12.5	<50	<12.5	<5.0	225
	10/28/1996	REL[2]	0.5	<11	<8.0	<11	<7.0	<13	<15	225	11	<9.0	0.7	<28	<7.0	352
	1/22/1997	REL[2]	<9.4	<4.8	<8.9	<11.9	<22.6	<29.4	<19.8	2030	53.7	<16.8	<5.5	<15.1	<10.6	1430
	4/13/1997	U.S. Oil[4]	0.41 "J"	<0.3	<0.095	<0.083	<0.23	<0.2	0.9	140	6.5	<0.13	<1.5	<0.37	1.7	98
	7/24/1997	U.S. Oil[4]	0.51 "J"	<0.3	<0.095	<0.083	<0.23	<0.2	0.77	100	6.8	<0.13	<1.5	<0.37	0.7	150
	11/4/1997	U.S. Oil[4]	0.6 "J"	<0.3	<0.1	<0.083	<0.23	<0.2	1.7	360	22	<0.13	<1.5	<0.37	0.92	470
	2/22/1998	Enviroscan[3]	1.1	<1.0	<1.0	<2.0	<1.0	2.64	4.68	904	33.4	<1.0	<1.0	<1.0	6.88	557
	8/10/1998	Enviroscan[3]	<50	<100	<100	<200	<100	<200	<100	204	<100	<100	<100	<100	<50	291
	2/15/1999	REL[2]	<4.7	<2.4	<5.0	<5.95	<11.3	<14.7	<9.9	524	17.8	<8.4	65.3	<7.55	12.8	420
	5/10/1999	REL[2]	<0.94	<0.48	<1.0	<1.07	<2.26	<1.37	<0.55	74.9	4.85	<1.68	5.08	<1.51	<1.06	129
	8/30/1999	REL[2]	0.3	<0.096	<0.18	0.21	<0.45	<0.27	<0.11	17	2.3	<0.34	<0.11	<0.3	<0.21	73
	7/19/2001	REL[2]	<4.7	<3.1	<4.5	<3.2	<2.9	<5.2	<4.5	25	<4.3	<3.6	<2.8	<3.3	<2.5	40
	11/29/2002	U.S. Oil[4]	<2.1	<1.9	<2.3	<6.3	<2.0	<3.9	<2.7	430	10	<2.2	<4.1	<2.6	<2.4	560
	8/7/2002	En Chem, Inc.[5]	<0.08	<0.05	<0.1	<0.4	<0.31	<0.22	<0.11	0.46	<0.11	<0.15	<0.08	<0.14	<0.13	83
	6/17/2005	Pace [6]	<2.0	<2.0	<1.8	<1.2	<4.8	<5.0	<2.8	400	9.5	<2.2	<3.4	<4.5	<2.4	220
	11/4/2005	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	150	5.0	<0.45	<0.67	<0.9	0.60	89
	3/6/2006	Synergy[7]	<1.3	<1.3	<3.9	12.1 "J"	<3.45	<1.0	<1.0	312	21.2	<2.25	<2.6	<2.1	<1.85	222
	6/26/2006	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	39	1.7	<0.45	<0.67	<0.9	<0.48	58
	9/14/2006	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	24	1.2	<0.45	<0.67	<0.90	<0.48	14
	12/14/2006	Pace [6]	<1.6	<1.6	<1.5	<0.96	<3.8	<4.0	<2.3	210	9.3	<1.8	<2.7	<3.6	<1.9	420
	4/2/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	6/22/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	37	1.6	<0.45	<0.67	<0.9	<0.48	23
	10/2/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	130	3.4	<0.45	<0.67	<0.9	<0.48	130
	12/26/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	93	3.4	<0.45	<0.67	<0.9	<0.48	61
	3/31/2008	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	6/30/2008	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	4.5	<0.89	<0.45	<0.67	<0.9	<0.48	2.7
MW-2	4/13/1997	U.S. Oil[4]	<0.21	<0.3	<0.095	<0.083	<0.23	<0.2	<0.13	<0.32	<0.11	<0.13	<1.5	<0.37	<0.13	<0.045
MW-3	1/24/1994	HES[1]	<1.0	<1.0	<1.0	<2.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0
	3/2/1994	REL[2]	<0.5	<1.1	<0.8	<1.1	<0.7	<1.3	<1.5	<2.1	<1.1	<0.9	<0.6	<2.8	<0.7	<1.3
	2/15/1995	Enviroscan[3]	<0.2	<2.0	<0.5	<2.0	<0.5	<2.0	<0.4	<0.5	<0.5	<0.5	<2.0	<0.5	<0.2	<0.2
	6/2/1995	Enviroscan[3]	<0.2	<2.0	<0.5	<2.0	<0.5	<2.0	<0.4	<0.5	<0.5	<0.5	<2.0	<0.5	<0.2	<0.2
MW-3R	7/19/2001	REL[2]	<0.19	<0.12	<0.18	<0.13	<0.11	<0.21	<0.18	<0.19	<0.17	<0.14	<0.11	<0.13	<0.098	<0.23
	6/17/2005	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.90	<0.48	<0.18
	3/6/2006	Synergy[7]	<0.26	<0.26	<0.78	10.6	<0.69	<0.2	<0.2	<0.27	<0.4	<0.45	<0.52	<0.42	<0.37	<0.16
	6/26/2006	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.90	<0.48	<0.18
	6/22/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.90	<0.48	<0.18
	3/31/2008	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.90	<0.48	<0.18
	6/30/2008	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.90	<0.48	<0.18
MW-4	4/4/1994	HES[1]	<1.0	<1.0	19	<2.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	12	<1.0	<1.0	<2.0
	6/2/1995	Enviroscan[3]	<0.2	<2.0	<0.5	<2.0	<0.5	<2.0	<0.4	<0.5	<0.5	<0.5	<2.0	<0.5	0.3	<0.2
	4/13/1997	U.S. Oil[4]	<0.21	<0.3	<0.095	<0.083	<0.23	<0.2	<0.13	<0.32	<0.11	<0.13	<1.5	<0.37	0.24 "J"	<0.045
	5/10/1999	REL[2]	<0.19	<0.10	<0.2	<0.21	<0.45	<0.27	<0.11	<0.19	<0.21	<0.34	<0.11	<0.3	<0.21	<0.14
	8/30/1999	REL[2]	<0.19	<0.096	<0.18	<0.21	<0.45	<0.27	<0.11	<0.19	<0.21	<0.34	<0.11	<0.3	<0.21	<0.14
	7/19/2001	REL[2]	<0.19	<0.12	<0.18	<0.13	<0.11	<0.21	<0.18	<0.19	<0.17	<0.14	<0.11	<0.13	<0.098	<0.23
	6/26/2006	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	4/2/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	6/30/2008	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
MW-5	4/4/1994	HES[1]	<1.0	<1.0	<1.0	<2.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0
	4/13/1997	U.S. OiL[4]	<0.21	<0.3	<0.095	<0.083	<0.23	<0.2	<0.13	<0.32	<0.11	<0.13	<1.5	<0.37	<0.13	<0.045
Enforcement Standard*			5.0	NR	6.0	3.0	75	1000	7.0	70	100	5.0	1000	200	5.0	0.2
Preventive Action Limit*			0.5	NR	0.6	0.3	15	200	0.7	7.0	20	0.5	200	40	0.5	0.02

Notes:
ug/L = microgram per liter
- = Not Analyzed
NR = Not Regulated

[1]Hazelton Environmental Services, Inc., Madison, Wisconsin
[2]Robert E. Lee & Associates, Inc., Green Bay, Wisconsin
[3]Enviroscan Corp., Rothschild, Wisconsin
[4]U.S. Oil Co., Kimberly, Wisconsin
[5]En Chem, Inc., Green Bay, Wisconsin

[6]Pace Analytical Services, Green Bay, Wisconsin
[7]Synergy , Appleton, Wisconsin
*NR 140, Wisconsin Administrative Code Established March, 1994.
According to Pace elevated chloromethane levels from samples obtained on March 6, 2006 are likely the result of a chemical reaction with the groundwater and the preservative.

Table 1
Summary of VOC Analyses of Groundwater Samples
Timmerman Landfill
STS Project No. 200801623

Well	Date Sampled	Laboratory	Benzene	Chlorobenzene	Chloroform	Chloromethane	1,4-Dichloro-benzene	Dichloro-difluoro-methane	1,1-Dichloro-ethene	cis-1,2-Dichloroethene	Trans-1,2-Dichloroethene	Tetrachloro-ethene	Toluene	1,1,1-Trichloro-ethane	Trichloro-ethene	Vinyl Chloride
			(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-6	2/16/1995	Enviroscan[3]	0.8	<2.0	<0.5	<2.0	<0.5	<2.0	<0.4	<0.5	<0.5	<0.5	14.1	<0.5	<0.2	<0.2
	6/2/1995	Enviroscan[3]	<0.2	<2.0	<0.5	<2.0	<0.5	<2.0	<0.4	<0.5	<0.5	<0.5	<2.0	<0.5	<0.2	<0.2
	4/13/1997	U.S. Oil[4]	<0.21	<0.3	<0.095	<0.083	<0.23	<0.2	<0.13	<0.32	<0.11	<0.13	<1.5	<0.37	<0.13	<0.045
	7/24/1997	U.S. Oil[4]	<0.21	<0.3	<0.095	<0.083	<0.23	<0.2	<0.13	<0.32	<0.11	<0.13	<1.5	<0.37	<0.13	<0.045
	11/4/1997	U.S. Oil[4]	<0.21	<0.3	<0.1	<0.083	<0.23	<0.2	<0.13	<0.32	<0.11	<0.13	<1.5	<0.37	<0.13	<0.045
	2/22/1998	Enviroscan[3]	<0.5	<1.0	<1.0	<2.0	<1.0	<2.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<0.5	<0.2
	5/10/1999	REL[2]	<0.19	<0.10	<0.20	<0.21	<0.45	<0.27	<0.11	<0.19	<0.21	<0.34	<0.11	<0.3	<0.21	<0.14
	8/30/1999	REL[2]	<0.19	<0.096	<0.18	<0.21	<0.45	<0.27	<0.11	<0.19	<0.21	<0.34	<0.11	<0.3	<0.21	<0.14
	7/19/2001	REL[2]	<0.19	<0.12	<0.18	<0.13	<0.11	<0.21	<0.18	<0.19	<0.17	<0.14	<0.11	<0.13	<0.098	<0.23
	**6/17/2005	Pace [6]	<0.41	<0.41	<0.37	0.43	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	11/4/2005	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	3/6/2006	Synergy[7]	<0.26	<0.26	<0.78	**8.3**	<0.69	<0.2	<0.2	<0.27	<0.4	<0.45	<0.52	<0.42	<0.37	<0.16
	6/26/2006	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	9/14/2006	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	12/13/2006	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	4/2/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	6/22/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	10/2/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	12/26/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	3/31/2008	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	6/30/2008	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
MW-7	2/15/1995	Enviroscan[3]	<0.2	<2.0	<0.5	<2.0	<0.5	<2.0	<0.4	<0.5	<0.5	<0.5	<2.0	<0.5	<0.2	<0.2
	6/2/1995	Enviroscan[3]	<0.2	<2.0	<0.5	<2.0	<0.5	<2.0	<0.4	<0.5	<0.5	<0.5	<2.0	<0.5	<0.2	<0.2
	4/13/1997	U.S. Oil[4]	<0.21	<0.3	<0.095	<0.083	<0.23	<0.2	<0.13	<0.32	<0.11	<0.13	<1.5	<0.37	<0.13	<0.045
	7/24/1997	U.S. Oil[4]	<0.21	<0.3	<0.095	<0.083	<0.23	<0.2	<0.13	<0.32	<0.11	<0.13	<1.5	<0.37	<0.13	<0.045
	11/4/1997	U.S. Oil[4]	<0.21	<0.3	<0.1	<0.083	<0.23	<0.2	<0.13	<0.32	<0.11	<0.13	<1.5	<0.37	<0.13	<0.045
	2/22/1998	Enviroscan[3]	<0.5	<1.0	<1.0	<2.0	<1.0	<2.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<0.5	<0.2
	5/10/1999	REL[2]	<0.19	<0.10	<0.20	<0.21	<0.45	<0.27	<0.11	<0.19	<0.21	<0.34	<0.11	<0.3	<0.21	<0.14
	8/30/1999	REL[2]	<0.19	<0.096	<0.18	<0.21	<0.45	<0.27	<0.11	<0.19	<0.21	<0.34	<0.11	<0.3	<0.21	<0.14
	7/19/2001	REL[2]	<0.19	<0.12	<0.18	<0.13	<0.11	<0.21	<0.18	<0.19	<0.17	<0.14	<0.11	<0.13	<0.098	<0.23
	11/29/2001	U.S. Oil[4]	<0.21	<0.19	<0.23	<0.63	<0.2	<0.39	<0.27	<0.21	<0.25	<0.22	<0.41	<0.26	<0.24	<0.25
	8/7/2002	En Chem, Inc.[5]	<0.08	<0.05	<0.1	<0.4	<0.31	<0.22	<0.11	<0.11	<0.11	<0.15	<0.08	<0.14	<0.13	<0.16
	6/17/2005	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	11/4/2005	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	3/6/2006	Synergy[7]	<0.26	<0.26	<0.78	**6.9**	<0.69	<0.2	<0.2	<0.27	<0.4	<0.45	<0.52	<0.42	<0.37	<0.16
	6/26/2006	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	9/14/2006	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	12/13/2006	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	4/2/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	6/22/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	10/2/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	12/26/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	3/31/2008	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	6/30/2008	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
MW-8	2/15/1995	Enviroscan[3]	<0.2	<2.0	<0.5	<2.0	<0.5	<2.0	<0.4	<0.5	<0.5	<0.5	<2.0	<0.5	<0.2	<0.2
	6/2/1995	Enviroscan[3]	<0.2	<2.0	<0.5	<2.0	<0.5	<2.0	<0.4	<0.5	<0.5	<0.5	<2.0	<0.5	<0.2	<0.2
	4/13/1997	U.S. Oil[4]	<0.21	<0.3	<0.095	<0.083	<0.23	<0.2	<0.13	<0.32	<0.11	<0.13	<1.5	<0.37	<0.13	<0.045
	7/24/1997	U.S. Oil[4]	<0.21	<0.3	<0.095	<0.083	<0.23	<0.2	<0.13	<0.32	<0.11	<0.13	<1.5	<0.37	<0.13	<0.045
	11/4/1997	U.S. Oil[4]	<0.21	<0.3	<0.1	<0.083	<0.23	<0.2	<0.13	<0.32	<0.11	<0.13	<1.5	<0.37	<0.13	<0.045
	2/22/1998	Enviroscan[3]	<0.5	<1.0	<1.0	<2.0	<1.0	<2.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<0.5	<0.2
	5/10/1999	REL[2]	<0.19	<0.1	<0.2	<0.21	<0.45	<0.27	<0.11	<0.19	<0.21	<0.34	<0.11	<0.3	<0.21	<0.14
	8/31/1999	REL[2]	<0.19	<0.096	<0.18	<0.21	<0.45	<0.27	<0.11	<0.19	<0.21	<0.34	<0.11	<0.3	<0.21	<0.14
	7/19/2001	REL[2]	<0.19	<0.12	<0.18	<0.13	<0.11	<0.21	<0.18	<0.19	<0.17	<0.14	<0.11	<0.13	<0.098	<0.23
	11/29/2001	U.S. Oil[4]	<0.21	<0.19	<0.23	<0.63	<0.2	<0.39	<0.27	<0.21	<0.25	<0.22	<0.41	<0.26	<0.24	<0.25
	8/7/2002	En Chem, Inc.[5]	<0.08	<0.05	<0.1	<0.4	<0.31	<0.22	<0.11	<0.11	<0.11	<0.15	<0.08	<0.14	<0.13	<0.16
	6/17/2005	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	11/4/2005	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	3/6/2006	Synergy[7]	<0.26	<0.26	<0.78	**9.9**	<0.69	<0.2	<0.2	<0.27	<0.4	<0.45	<0.52	<0.42	<0.37	<0.16
	6/26/2006	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	9/14/2006	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	12/13/2006	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	4/2/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	6/22/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	10/2/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	12/26/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	3/31/2008	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	6/30/2008	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
		Enforcement Standard*	**5.0**	**NR**	**6.0**	**3.0**	**75**	**1000**	**7.0**	**70**	**100**	**5.0**	**1000**	**200**	**5.0**	**0.2**
		Preventive Action Limit*	0.5	NR	0.6	0.3	15	200	0.7	7.0	20	0.5	200	40	0.5	0.02

Notes:
ug/L = microgram per liter
- = Not Analyzed
NR = Not Regulated

[1]Hazelton Environmental Services, Inc., Madison, Wisconsin
[2]Robert E. Lee & Associates, Inc., Green Bay, Wisconsin
[3]Enviroscan Corp., Rothschild, Wisconsin
[4]U.S. Oil Co., Kimberly, Wisconsin
[5]En Chem, Inc., Green Bay, Wisconsin

[6]Pace Analytical Services, Green Bay, Wisconsin
[7]Synergy , Appleton, Wisconsin
*NR 140, Wisconsin Administrative Code Established March, 1994.
According to Pace elevated chloromethane levels from samples obtained on March 6, 2006 are likely the result of a chemical reaction with the groundwater and the preservative.

Table 1
Summary of VOC Analyses of Groundwater Samples
Timmerman Landfill
STS Project No. 200801623

Well	Date Sampled	Laboratory	Benzene	Chlorobenzene	Chloroform	Chloromethane	1,4-Dichloro-benzene	Dichloro-difluoro-methane	1,1-Dichloro-ethene	cis-1,2-Dichloroethene	Trans-1,2-Dichloroethene	Tetrachloro-ethene	Toluene	1,1,1-Trichloro-ethane	Trichloro-ethene	Vinyl Chloride
			(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-9	**6/17/2005	Pace [6]	<0.41	<0.41	<0.37	0.35	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	11/4/2005	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	3/6/2006	Synergy[7]	<0.26	<0.26	<0.78	**11.7**	<0.69	<0.2	<0.2	<0.27	<0.4	<0.45	<0.52	<0.42	<0.37	<0.16
	6/26/2006	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	9/14/2006	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	12/13/2006	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	4/2/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	6/22/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	10/2/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	12/26/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	3/31/2008	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	6/30/2008	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
MW-9D	10/2/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
MW-10	4/2/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.90	<0.48	<0.18
	6/22/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.90	<0.48	<0.18
	10/2/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.90	<0.48	<0.18
	12/26/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.90	<0.48	<0.18
	3/31/2008	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.90	<0.48	<0.18
	6/30/2008	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.90	<0.48	<0.18
PZ-1	1/24/1994	HES[1]	<1.0	<1.0	<1.0	<2.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**3.7**
	3/2/1994	HES[1]	<1.0	<1.0	<1.0	<2.0	<1.0	<2.0	<1.0	<1.0	<1.0	1.1	<1.0	<1.0	<1.0	**2.1**
	3/2/1994	REL[2]	<0.5	<1.1	<0.8	<1.1	<0.7	<1.3	<1.5	<2.1	<1.1	<0.9	<0.6	<2.8	<0.7	**1.5**
	5/23/1994	REL[2]	--	--	--	--	--	--	--	--	--	--	--	--	--	**1.3**
	2/15/1995	Enviroscan[3]	<0.2	<2.0	<0.5	<2.0	<0.5	<2.0	<0.4	9.4	<0.5	<0.5	<2.0	<0.5	<0.2	**8.8**
	6/2/1995	Enviroscan[3]	<0.2	<2.0	<0.5	<2.0	<0.5	<2.0	<0.4	<0.5	<0.5	<0.5	<2.0	<0.5	<0.2	**0.3**
	1/18/1996	Enviroscan[3]	<0.2	<2.0	<0.5	<2.0	<0.5	<2.0	<0.4	2.7	<0.5	<0.5	<2.0	<0.5	<0.2	**5.99**
	10/28/96	REL[2]	<0.5	<1.1	<0.8	<1.1	<0.7	<1.3	<1.5	7.6	<1.1	<0.9	<0.6	<2.8	<0.7	**3.1**
	1/21/1997	REL[2]	<0.19	<0.1	<0.18	<0.24	<0.45	<0.59	<0.4	1.0	<0.21	<0.34	<0.11	<0.3	<0.21	**2.28**
	4/13/1997	U.S. Oil[4]	<0.21	<0.3	<0.095	<0.083	<0.23	<0.2	<0.13	0.37	<0.11	<0.13	<1.5	<0.37	0.15 "J"	0.19
	7/24/1997	U.S. Oil[4]	<0.21	<0.3	<0.095	<0.083	<0.23	<0.2	<0.13	<0.32	<0.11	<0.13	<1.5	<0.37	<0.13	<0.045
	11/4/1997	U.S. Oil[4]	<0.21	<0.3	<0.1	<0.083	<0.23	<0.2	<0.13	2.6	<0.11	<0.13	<1.5	<0.37	<0.13	**1.5**
	2/22/1998	Enviroscan[3]	<0.5	<1.0	<1.0	<2.0	<1.0	<2.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<0.5	<0.2
	8/10/1998	Enviroscan[3]	<0.5	<1.0	<1.0	<2.0	<1.0	<2.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<0.5	<0.2
	2/15/1999	REL[2]	<0.19	<0.1	<0.2	<0.24	<0.45	<0.59	<0.4	<0.19	<0.21	<0.34	<0.11	<0.3	<0.21	<0.31
	5/10/1999	REL[2]	<0.19	<0.1	<0.2	<0.21	<0.45	<0.27	<0.11	<0.19	<0.21	<0.34	<0.11	<0.3	<0.21	<0.14
	8/30/1999	REL[2]	<0.19	<0.096	<0.18	<0.21	<0.45	<0.27	<0.11	<0.19	<0.21	<0.34	<0.11	<0.3	<0.21	<0.14
	7/19/2001	REL[2]	<0.19	<0.12	<0.18	<0.13	<0.11	<0.21	<0.18	<0.19	<0.17	<0.14	<0.11	<0.13	<0.098	<0.23
	11/29/2001	U.S. Oil[4]	<0.21	<0.19	<0.23	<0.63	<0.2	<0.39	<0.27	<0.21	<0.25	<0.22	<0.41	<0.26	<0.24	<0.25
	8/7/2002	En Chem, Inc.[5]	<0.08	<0.05	<0.1	<0.4	<0.31	<0.22	<0.11	55	2.8	<0.15	<0.08	<0.14	0.25 J	<0.16
	4/28/2003	En Chem, Inc.[5]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	6/17/2005	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	11/4/2005	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	3/6/2006	Synergy[7]	<0.26	<0.26	<0.78	**8.8**	<0.69	<0.2	<0.2	<0.27	<0.4	<0.45	<0.52	<0.42	<0.37	**0.59**
	6/26/2006	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	9/14/2006	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	12/14/2006	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	4/2/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	6/22/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	10/2/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	12/26/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	**0.25**
	3/31/2008	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	6/30/2008	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
PZ-4	4/4/1994	HES[1]	<1.0	<1.0	1.4	<2.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.1**	<1.0	<2.0
	2/15/1995	Enviroscan[3]	<0.2	<2.0	<0.5	<2.0	<0.5	<2.0	<0.4	<0.5	<0.5	<0.5	<2.0	<0.5	<0.2	<0.2
	6/2/1995	Enviroscan[3]	<0.2	<2.0	<0.5	<2.0	<0.5	<2.0	<0.4	<0.5	<0.5	<0.5	<2.0	<0.5	<0.2	<0.2
	4/13/1997	U.S. Oil[4]	<0.21	<0.3	<0.095	<0.083	<0.23	<0.2	<0.13	<0.32	<0.11	<0.13	<1.5	0.49	<0.13	<0.045
	5/10/1999	REL[2]	<0.19	<0.10	<0.2	<0.21	<0.45	<0.27	<0.11	<0.19	<0.21	<0.34	<0.11	<0.3	<0.21	<0.14
	8/30/1999	REL[2]	<0.19	<0.096	<0.18	<0.21	<0.45	<0.27	<0.11	<0.19	<0.21	<0.34	<0.11	<0.3	<0.21	<0.14
	7/19/2001	REL[2]	<0.19	<0.12	<0.18	<0.13	<0.11	<0.21	<0.18	<0.19	<0.17	<0.14	<0.11	<0.13	<0.098	<0.23
	6/17/2005	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	11/4/2005	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	3/6/2006	Synergy[7]	<0.26	<0.26	<0.78	2.77 J	<0.69	<0.2	<0.2	<0.27	<0.4	<0.45	<0.52	<0.42	<0.37	<0.16
	6/26/2006	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.90	<0.48	<0.18
	9/14/2006	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	12/13/2006	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	4/2/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	6/22/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	10/2/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	12/26/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	3/31/2008	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	6/30/2008	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
		Enforcement Standard*	**5.0**	**NR**	**6.0**	**3**	**75**	**1000**	**7.0**	**70**	**100**	**5.0**	**1000**	**200**	**5.0**	**0.2**
		Preventive Action Limit*	0.5	NR	0.6	0.3	15	200	0.7	7.0	20	0.5	200	40	0.5	0.02

Notes:
ug/L = microgram per liter
- = Not Analyzed
NR = Not Regulated

[1]Hazelton Environmental Services, Inc., Madison, Wisconsin
[2]Robert E. Lee & Associates, Inc., Green Bay, Wisconsin
[3]Enviroscan Corp., Rothschild, Wisconsin
[4]U.S. Oil Co., Kimberly, Wisconsin
[5]En Chem, Inc., Green Bay, Wisconsin
[6]Pace Analytical Services, Green Bay, Wisconsin
[7]Synergy , Appleton, Wisconsin
*NR 140, Wisconsin Administrative Code Established March, 1994.
According to Pace elevated chloromethane levels from samples obtained on March 6, 2006 are likely the result of a chemical reaction with the groundwater and the preservative.

Table 1
Summary of VOC Analyses of Groundwater Samples
Timmerman Landfill
STS Project No. 200801623

Well	Date Sampled	Laboratory	Benzene	Chlorobenzene	Chloroform	Chloromethane	1,4-Dichloro-benzene	Dichloro-difluoro-methane	1,1-Dichloro-ethene	cis-1,2-Dichloroethene	Trans-1,2-Dichloroethene	Tetrachloro-ethene	Toluene	1,1,1-Trichloro-ethane	Trichloro-ethene	Vinyl Chloride
			(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
PZ-5	4/4/1994	HES[1]	<1.0	<1.0	<1.0	<2.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0
	4/4/1994	HES[1]	<1.0	<1.0	1.5	<2.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0
	2/15/1995	Enviroscan[3]	<0.2	<2.0	<0.5	<2.0	<0.5	<2.0	<0.4	<0.5	<0.5	<0.5	<2.0	<0.5	<0.2	<0.2
	6/2/1995	Enviroscan[3]	<0.2	<2.0	<0.5	<2.0	<0.5	<2.0	<0.4	<0.5	<0.5	<0.5	<2.0	<0.5	<0.2	<0.2
	4/13/1997	U.S. Oil[4]	<0.21	<0.3	<0.095	<0.083	<0.23	<0.2	<0.13	<0.32	<0.11	<0.13	<1.5	<0.37	<0.13	<0.045
	5/10/1999	REL[2]	<0.19	<0.1	<0.2	<0.21	<0.45	<0.27	<0.11	<0.19	<0.21	<0.34	<0.11	<0.3	<0.21	<0.14
	8/30/1999	REL[2]	<0.19	<0.096	<0.18	<0.21	<0.45	<0.27	<0.11	<0.19	<0.21	<0.34	<0.11	<0.3	<0.21	<0.14
	7/19/2001	REL[2]	<0.19	<0.12	<0.18	<0.13	<0.11	<0.21	<0.18	<0.19	<0.17	<0.14	<0.11	<0.13	<0.098	<0.23
	6/17/2005	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	11/4/2005	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	3/6/2006	Synergy[7]	<0.26	<0.26	<0.78	**4.6**	<0.69	<0.2	<0.2	<0.27	<0.4	<0.45	<0.52	<0.42	<0.37	<0.16
	6/26/2006	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	9/15/2006	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	12/18/2006	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	4/2/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	6/22/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	10/2/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	12/26/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	3/31/2008	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	6/30/2008	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
PZ-7	2/15/1995	Enviroscan[3]	**0.4**	<2.0	<0.5	<2.0	<0.5	<2.0	<0.4	**94.4**	2.4	<0.5	<2.0	<0.5	**5.0**	**32.3**
	6/2/1995	Enviroscan[3]	<0.2	<2.0	<0.5	<2.0	<0.5	<2.0	<0.4	<0.5	<0.5	<0.5	<2.0	<0.5	<0.2	<0.2
	1/18/1996	Enviroscan[3]	<0.2	<2.0	<0.5	<2.0	<0.5	<2.0	<0.4	1.46	<0.5	<0.5	<2.0	<0.5	<0.2	**2.89**
	10/28/96	REL[2]	<0.5	<1.1	<0.8	<1.1	<0.7	<1.3	<1.5	7.6	<1.1	<0.9	<0.6	<2.8	<0.7	**7.5**
	1/22/1997	REL[2]	0.22	<0.10	<0.18	<0.24	<0.45	<0.59	<0.4	3.03	0.34	<0.34	<0.11	<0.3	<0.21	**10.2**
	4/13/1997	U.S. Oil[4]	<0.21	<0.3	<0.095	<0.083	<0.23	<0.2	<0.13	1.7	<0.11	<0.13	<1.5	0.4	0.21 "J"	<0.045
	7/24/1997	U.S. Oil[4]	<0.21	<0.3	<0.095	<0.083	<0.23	<0.2	<0.13	0.87	<0.11	<0.13	<1.5	<0.37	<0.13	**1.3**
	11/4/1997	U.S. Oil[4]	<0.21	<0.3	<0.1	**0.14 "J"**	<0.23	<0.2	<0.13	<0.32	<0.11	<0.13	<1.5	<0.37	<0.13	**0.57**
	2/22/1998	Enviroscan[3]	<0.5	<1.0	<1.0	<2.0	<1.0	<2.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<0.5	**0.69**
	8/10/1998	Enviroscan[3]	<0.5	<1.0	<1.0	<2.0	<1.0	<2.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<0.5	**0.686**
	2/15/1999	REL[2]	<0.19	<0.1	<0.2	<0.24	<0.45	<0.59	<0.4	<0.19	<0.21	<0.34	<0.11	<0.3	<0.21	<0.31
	5/10/1999	REL[2]	<0.19	<0.1	<0.2	<0.21	<0.45	<0.27	<0.11	<0.19	<0.21	<0.34	0.16	<0.3	<0.21	<0.14
	8/30/1999	REL[2]	<0.19	<0.096	<0.18	<0.21	<0.45	<0.27	<0.11	0.92	<0.21	<0.34	<0.11	0.61	<0.21	<0.14
	7/19/2001	REL[2]	<0.19	<0.12	<0.18	<0.13	<0.11	<0.21	<0.18	<0.19	<0.17	<0.14	<0.11	<0.13	<0.098	<0.23
	11/29/2001	U.S. Oil[4]	<0.21	<0.19	<0.23	<.63	<0.2	<0.39	<0.27	1.1	<0.25	<0.22	<0.41	<0.26	<0.24	**0.56 J**
	8/7/2002	En Chem, Inc.[5]	<0.08	<0.05	<0.1	<0.4	<0.31	<0.22	<0.11	0.26 J	<0.11	<0.15	<0.08	<0.14	0.2 J	<0.16
	6/17/2005	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	1.1	<0.89	<0.45	<0.67	<0.9	<0.48	**1.2**
	11/4/2005	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	0.86	<0.89	<0.45	<0.67	<0.9	<0.48	**4.2**
	3/6/2006	Synergy[7]	<0.26	<0.26	<0.78	**9.8**	<0.69	<0.2	<0.2	<0.27	<0.4	<0.45	<0.52	<0.42	<0.37	**0.34 J**
	6/26/2006	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	9/14/2006	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	0.86	<0.89	<0.45	<0.67	<0.9	<0.48	3.3
	12/13/2006	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	0.52
	4/2/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	6/22/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	10/2/2007	Pace [6]	<0.41	<0.41	<0.37	0.73	<0.95	<0.99	0.89	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	**1.6**
	12/26/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	3/31/2008	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	6/30/2008	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
PZ-7D	4/2/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.90	<0.48	<0.18
	6/22/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.90	<0.48	<0.18
	10/2/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.90	<0.48	<0.18
	12/26/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.90	<0.48	<0.18
	3/31/2008	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.90	<0.48	<0.18
PZ-8	7/19/2001	REL[2]	<0.19	<0.12	<0.18	<0.13	<0.11	<0.21	<0.18	<0.19	<0.17	<0.14	<0.11	<0.13	<0.098	<0.23
	11/29/2001	U.S. Oil[4]	<0.21	<0.19	<0.23	<0.63	<0.2	<0.39	<0.27	<0.21	<0.25	<0.22	<0.41	<0.26	<0.24	<0.25
	8/7/2002	En Chem, Inc.[5]	<0.08	<0.05	<0.1	<0.4	<0.31	<0.22	<0.11	<0.11	<0.11	<0.15	<0.08	<0.14	<0.13	**0.28 "J"**
	6/17/2005	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	11/4/2005	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	3/6/2006	Synergy[7]	<0.26	<0.26	<0.78	**12.4**	<0.69	<0.2	<0.2	<0.27	<0.4	<0.45	<0.52	<0.42	<0.37	<0.16
	6/26/2006	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	9/14/2006	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	12/13/2006	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	4/2/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	6/22/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	10/2/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	12/26/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	3/31/2008	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	6/30/2008	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
		Enforcement Standard*	**5.0**	**NR**	**6.0**	**3.0**	**75**	**1000**	**7.0**	**70**	**100**	**5.0**	**1000**	**200**	**5.0**	**0.2**
		Preventive Action Limit*	0.5	NR	0.6	0.3	15	200	0.7	7.0	20	0.5	200	40	0.5	0.02

Notes:
ug/L = microgram per liter
- = Not Analyzed
NR = Not Regulated

[1]Hazelton Environmental Services, Inc., Madison, Wisconsin
[2]Robert E. Lee & Associates, Inc., Green Bay, Wisconsin
[3]Enviroscan Corp., Rothschild, Wisconsin
[4]U.S. Oil Co., Kimberly, Wisconsin
[5]En Chem, Inc., Green Bay, Wisconsin
[6]Pace Analytical Services, Green Bay, Wisconsin
[7]Synergy , Appleton, Wisconsin
*NR 140, Wisconsin Administrative Code Established March, 1994.
According to Pace elevated chloromethane levels from samples obtained on March 6, 2006 are likely the result of a chemical reaction with the groundwater and the preservative.

Table 1
Summary of VOC Analyses of Groundwater Samples
Timmerman Landfill
STS Project No. 200801623

Well	Date Sampled	Laboratory	Benzene	Chlorobenzene	Chloroform	Chloromethane	1,4-Dichloro-benzene	Dichloro-difluoro-methane	1,1-Dichloro-ethene	cis-1,2-Dichloroethene	Trans-1,2-Dichloroethene	Tetrachloro-ethene	Toluene	1,1,1-Trichloro-ethane	Trichloro-ethene	Vinyl Chloride
			(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
PZ-9	**6/17/2005	Pace [6]	<0.41	<0.41	<0.37	0.28	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	**1.2**
	11/4/2005	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	**0.28**
	3/6/2006	Synergy[7]	<0.26	<0.26	<0.78	**14.4**	<0.69	<0.2	<0.2	<0.27	<0.4	<0.45	<0.52	<0.42	<0.37	<0.16
	6/26/2006	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	9/14/2006	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	12/13/2006	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	4/2/2007	Pace [6]	<0.41	<0.41	<0.97	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	6/22/2007	Pace [6]	<0.41	<0.41	<0.97	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	10/2/2007	Pace [6]	<0.41	<0.41	<0.97	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	12/26/2007	Pace [6]	<0.41	<0.41	<0.97	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	3/31/2008	Pace [6]	<0.41	<0.41	<0.97	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	6/30/2008	Pace [6]	<0.41	<0.41	<0.97	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
PZ-10	4/2/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.90	<0.48	**0.29**
	6/22/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.90	<0.48	<0.18
	10/2/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.90	<0.48	<0.18
	12/26/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.90	<0.48	**0.37**
	3/31/2008	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.90	<0.48	<0.18
	6/30/2008	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.90	<0.48	<0.18
***LW-1	10/28/96	REL[2]	3.4	<2.8	<2.0	<2.8	**5.1**	14	<3.8	<5.3	<2.8	<2.3	20	<7.0	<1.8	<3.3
	1/21/1997	REL[2]	<5.0	<11	<8.0	<11	<7.0	<13	<15	<0.21	<11	<9.0	750	<28	<7.0	<13
	4/14/1997	U.S. Oil[4]	<0.21	<0.3	1.5	<0.083	0.89	<0.2	<0.13	<0.32	<0.11	<0.13	16	<0.37	<0.13	<0.045
	5/10/1999	REL[2]	**31.8**	<9.6	<20	<21.4	<45.2	<27.4	<11	<18.6	<21	<33.6	**2790**	<30.2	<21.2	<14
***LW-2	1/18/1996	Enviroscan[3]	<0.2	<2.0	<0.5	<2.0	<0.5	<2.0	<0.4	0.715	<0.5	<0.5	10.9	<0.5	0.727	<0.2
	10/28/96	REL[2]	<0.5	<1.1	<0.8	<1.1	<0.7	<1.3	<1.5	<2.1	<1.1	<0.9	<0.6	<2.8	<0.7	<1.3
	1/21/1997	REL[2]	<0.19	<0.1	<0.18	<0.24	<0.45	<0.59	<0.4	0.4	<0.21	<0.34	<0.11	<0.3	<0.21	<0.31
	4/14/1997	U.S. Oil[4]	<0.21	<0.3	<0.095	<0.083	<0.23	<0.2	<0.13	<0.32	<0.11	<0.13	<1.5	<0.37	<0.13	<0.045
	7/24/1997	U.S. Oil[4]	<0.21	<0.3	<0.095	<0.083	<0.23	<0.2	<0.13	<0.32	<0.11	<0.13	<1.5	<0.37	<0.13	<0.045
	11/4/1997	U.S. Oil[4]	<0.21	<0.3	0.17 "J"	<0.083	<0.23	<0.2	<0.13	<0.32	<0.11	<0.13	<1.5	<0.37	<0.13	<0.045
	2/22/1998	Enviroscan[3]	<0.5	<1.0	<1.0	<2.0	<1.0	<2.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<0.5	<0.2
	8/31/1999	REL[2]	<0.19	<0.096	<0.18	<0.21	<0.45	<0.27	<0.11	<0.19	<0.21	<0.34	0.56	<0.3	<0.21	<0.14
LW-3	10/28/96	REL[2]	1.4	20	<0.8	<1.1	**2.7**	<1.3	<1.5	<2.1	<1.1	<0.9	<0.6	<2.8	<0.7	<1.3
	1/21/1997	REL[2]	<0.5	<1.1	<0.8	<1.1	<0.7	<1.3	<1.5	<2.1	<1.1	<0.9	<0.6	<2.8	<0.7	<1.3
	4/14/1997	U.S. Oil[4]	**0.49 "J"**	10	<0.095	<0.083	1.1	<0.2	<0.13	<0.32	<0.11	<0.13	<1.5	<0.37	<0.13	<0.045
	7/24/1997	U.S. Oil[4]	3.9	11	0.34	<0.083	1.3	<0.2	<0.13	<0.32	<0.11	<0.13	<1.5	<0.37	<0.13	<0.045
	11/4/1997	U.S. Oil[4]	2.7	17	<0.1	<0.083	1.9	<0.2	<0.13	<0.32	<0.11	<0.13	<1.5	<0.37	<0.13	<0.045
	2/22/1998	Enviroscan[3]	<0.5	<1.0	<1.0	<2.0	<1.0	<2.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<0.5	<0.2
	5/10/1999	REL[2]	0.31	2.8	<0.2	<0.21	0.7	<0.27	<0.11	<0.19	<0.21	<0.34	<0.11	<0.3	<0.21	<0.14
	8/31/1999	REL[2]	0.55	5.4	<0.18	<0.21	0.54	<0.27	<0.11	<0.19	<0.21	<0.34	<0.11	<0.3	<0.21	<0.14
	7/19/2001	REL[2]	<0.19	<0.12	<0.18	<0.13	<0.11	<0.21	<0.18	<0.19	<0.17	<0.14	<0.11	<0.13	<0.098	<0.23
	11/29/2001	U.S. Oil[4]	0.8	18	<0.23	<0.63	1.5	1.5	<0.27	0.33 "J"	<0.25	<0.22	<0.41	<0.26	<0.24	<0.25
	8/7/2002	En Chem, Inc.[5]	0.65	16	<0.1	<0.4	1.5	<0.22	<0.11	<0.11	<0.11	<0.15	<0.08	<0.14	<0.13	<0.16
	6/17/2005	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	11/4/2005	Pace [6]	0.44	15	<0.37	<0.24	1.9	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	3/6/2006	Synergy[7]	<0.26	<0.26	<0.78	**8.6**	<0.69	<0.2	<0.2	<0.27	<0.4	<0.45	<0.52	<0.42	<0.37	<0.16
	6/26/2006	Pace (6)	<0.41	0.64	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
	9/11/2006	Pace (6)	<0.41	7.9	<0.37	<0.24	1.1	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.9	<0.48	<0.18
SD-MW	2/21/2000	STAT Analysis*	--	--	--	--	--	--	--	--	--	--	--	--	--	**16.7**
	7/19/2001	REL[2]	<0.19	<0.12	<0.18	<0.13	<0.11	<0.21	<0.18	2.3	0.35	<0.14	<0.11	<0.13	<0.098	<0.23
	11/28/2001	U.S. Oil[4]	<0.21	<0.19	<0.23	<0.63	<0.2	<0.39	<0.27	1.6	<0.25	<0.22	<0.41	<0.26	<0.24	**16**
	8/7/2002	En Chem, Inc.[5]	<0.08	<0.05	<0.1	<0.4	<0.31	<0.22	<0.11	4.3	0.35 J	<0.15	<0.08	<0.14	<0.13	**11**
	6/17/2005	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	2.8	<0.89	<0.45	<0.67	<0.9	<0.48	**39**
	11/4/2005	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	1.0	<0.89	<0.45	<0.67	<0.9	<0.48	**12**
	3/6/2006	Synergy[7]	<0.26	<0.26	<0.78	**12**	<0.69	<0.2	<0.2	1.23	<0.4	<0.45	<0.52	<0.42	<0.37	**16.3**
	6/26/2006	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	2.2	<0.89	<0.45	<0.67	<0.90	<0.48	**24**
	9/15/2006	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.90	<0.48	**1.1**
	12/13/2006	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.90	<0.48	**6.7**
	4/2/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.90	<0.48	**8.9**
	6/22/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	0.94	<0.89	<0.45	<0.67	<0.90	<0.48	**7.8**
	10/2/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	0.94	<0.89	<0.45	<0.67	<0.90	<0.48	**7.7**
	12/26/2007	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.90	<0.48	**2.5**
	3/31/2008	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	<0.83	<0.89	<0.45	<0.67	<0.90	<0.48	<0.18
	6/30/2008	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	3.6	<0.89	<0.45	<0.67	<0.90	<0.48	**11.8**
SD-MW-1D	6/30/2008	Pace [6]	<0.41	<0.41	<0.37	<0.24	<0.95	<0.99	<0.57	3.9	<0.89	<0.45	<0.67	<0.90	<0.48	**11.7**
		Enforcement Standard*	**5.0**	**NR**	**6.0**	**3**	**75**	**1000**	**7.0**	**70**	**100**	**5.0**	**1000**	**200**	**5.0**	**0.2**
		Preventive Action Limit*	0.5	NR	0.6	0.3	15	200	0.7	7.0	20	0.5	200	40	0.5	0.02

Notes:
ug/L = microgram per liter
- = Not Analyzed
NR = Not Regulated

[1]Hazelton Environmental Services, Inc., Madison, Wisconsin
[2]Robert E. Lee & Associates, Inc., Green Bay, Wisconsin
[3]Enviroscan Corp., Rothschild, Wisconsin

[4]U.S. Oil Co., Kimberly, Wisconsin
[5]En Chem, Inc., Green Bay, Wisconsin

[6]Pace Analytical Services, Green Bay, Wisconsin
[7]Synergy , Appleton, Wisconsin
*NR 140, Wisconsin Administrative Code Established March, 1994.
According to Pace elevated chloromethane levels from samples obtained on March 6, 2006 are likely the
result of a chemical reaction with the groundwater and the preservative.

TABLE 2
Summary of Inorganic Parameters
Timmerman Farm Landfill
STS Project No. 200801623

Sample No.	Date	Dissolved Solids (mg/l)	Alkalinity (mg/l)	Fluoride (mg/l)	Nitrate/Nitrite (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	Chemical Oxygen Demand (mg/l)	pH (pH)	Conductivity (uS)	Iron (mg/l)	Hardness (mg/l)	Barium (ug/l)	Copper (ug/l)	Manganese (ug/l)	Zinc (ug/l)	Arsenic (ug/l)	Cadmium (ug/l)	Chromium (ug/l)	Lead (ug/l)	Mercury (ug/l)	Selenium (ug/l)	Silver (ug/l)
MW-1	7/18/01	850	619	0.16	0.11	56	146	25	6.95	1350	0.14	927	100	<5.2	**276**	12	<2.0	<0.09	<0.40	<0.73	<0.13	<1.0	<0.45
	11/29/01	920	575	0.046	<0.02	100	160	18 (j)	6.84	1480	**1.1**	3030	120	<20	**640**	<21	<1	0.13 (j)	1.0 (j)	<1.0	<0.2	<8.0	0.92
	8/7/02	760	579	<0.25	0.71	73	130	41	6.40	1000	0.17 (j)	413	41	<15	**140**	<9	<1.3	<0.08	1.1 (j)	<0.66	0.22	<1.0	0.64 (j)
	9/14/06	840	510	<0.96	<0.11	120	110	21	6.69	1686	<0.050	--	110	<1.1	**83**	<20	0.13	<0.14	<0.32	0.06	<0.072	<0.67	<0.034
	12/14/06	870	590	0.31	0.62	67	160	24	6.70	1600	0.11	--	100	<1.1	**83**	<20	0.49	<0.12	0.7	0.23	<0.072	1.3	<0.034
	4/2/07	870	570	0.24	1.0	61	170	42	--	1485	**0.67**	--	80	1.8	5.2	8.4	0.2	<0.12	0.62	0.16	<0.072	0.96	<0.034
	6/22/07	930	550	0.27	0.18	84	190	60	7.65	1461	0.17	--	96	1.3	14	4.7	0.35	<0.097	<0.43	0.25	<0.10	0.81	<0.11
	10/2/07	920	590	0.27	<0.096	88	180	87	6.90	1515	0.041	--	100	2.0	**82**	5.8	0.53	0.08	0.24	<0.056	<0.10	0.47	<0.020
	12/26/07	700	490	0.28	0.51	47	150	64	7.26	1197	0.14	630	120	1.9	**110**	12	3.6	0.42	4.6	5.3	<0.10	1.9	0.3
	3/31/08	682	509	0.25 (j)	1.0	49.4	173	30.8 (j)	7.08	1317	0.288	633	70.1	1.8	12.9	7.8 (j)	0.23 (j)	<0.098	0.45 (j)	0.060 (j)	<0.10	0.17 (j)	<0.11
	6/30/08	938	564	0.26 (j)	1.0	62.8	201	<10.8	7.01	300	<0.125	719	96.7	2.5	30.7	<12.5	<0.50	<0.25	1.5 (j)	<0.25	NA	<1.2	<0.50
MW-3R	7/18/01	1170	474	0.17	<0.11	130	212	86	6.44	1780	**2.2**	1330	82	<5.2	**495**	20	8.4	<0.09	<0.4	<0.73	<0.13	<1.0	<0.45
	11/29/01	1200	571	0.042	<0.02	140	200	33	6.58	1600	**0.74**	1310	71	<20	**680**	<21	<1.0	<0.08	0.80 (j)	<1.0	<0.2	<8.0	0.78
	8/7/02	1300	666	<0.25	0.24	181	240	45	6.85	1550	**11**	1210	118	<15	**1600**	11 (j)	**15**	<0.08	1.7	<0.66	0.96	<1.0	0.61 (j)
	6/22/07	1500	740	0.24	<0.096	280	230	120	7.47	2460	**9.2**	--	81	2.6	**1700**	12	4.3	<0.097	<0.43	0.32	<0.10	0.46	<0.11
	3/31/08	1150	660	0.25 (j)	<0.096	138	**261**	580	6.93	1927	**6.12**	671	54.5	0.85 (j)	**812**	13.9	2.8	<0.098	<0.43	0.070 (j)	<0.10	0.93 (j)	<0.11
	6/30/08	1990	764	0.20 (j)	<0.096	123	**753**	75.5	7.1	800	**2.4**	1280	108	3.1	**1300**	<12.5	2.2	<0.25	1.7 (j)	<0.25	NA	1.7 (j)	<0.50
MW-4	7/18/01	NA	NA	NA	NA	NA	NA	NA	7.40	990	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/29/01	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/7/02	480	316	0.38 (j)	<0.05	47	87	31	NA	NA	<0.055	413	20	<15	12 (j)	<9.0	<1.3	<0.08	1.1 (j)	<0.66	0.54	<1.0	0.54 (j)
	4/2/07	520	390	0.26	4.1	44	64	51	--	986	**0.36**	--	65	1.8	0.2	10	0.35	<0.12	0.35	0.17	<0.072	<0.67	<0.034
	3/31/08	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/30/08	528	372	0.33 (j)	2.5	70.2	60.2	13 (j)	7.02	600	<0.125	408	64.7	2.1	<1.2	<12.5	0.55 (j)	<0.25	1.2 (j)	<0.25	NA	<1.2	<0.50
MW-6	7/18/01	407	400	0.17	0.49	18	15	12	7.14	750	<0.02	548	34	<5.2	<15	10	<2.0	<0.09	<0.4	<0.73	<0.13	<1.0	<0.45
	11/29/01	430	425	0.08	0.35	19	14	9.1 (j)	7.16	810	<0.139	641	33	<20	<17	<21	<1.0	<0.08	1.3 (j)	<1.0	<0.2	<8.0	0.72 (j)
	8/7/02	400	360	<0.25	1.4	12	16 (j)	29	6.28	590	<0.055	603	32	<15	<10	<9.0	<1.3	<0.08	2.0	<0.66	0.64	<1.0	0.40 (j)
	9/14/06	370	380	0.22	0.69	12	15	37	7.00	808	<0.050	--	38	<1.1	4.3	<20	0.25	<0.14	1.0	0.1	<0.072	0.88	<0.034
	12/13/06	430	390	0.32	0.92	14	18	73	7.25	802	<0.050	--	39	<1.1	<0.36	<20	<0.13	<0.12	1.1	0.17	<0.072	<0.67	<0.034
	4/2/07	410	410	0.29	0.79	12	23	26	--	825	**0.41**	--	35	0.68	<0.12	6.0	<0.13	<0.12	0.98	0.1	<0.072	<0.067	<0.034
	6/22/07	420	390	0.27	0.74	15	19	46	7.77	717	0.11	--	36	0.67	0.31	6.2	0.17	<0.097	0.84	0.26	<0.10	0.19	<0.11
	10/2/07	390	390	0.31	0.84	18	17	75	6.90	786	0.052	--	36	0.97	6.0	6.2	<0.075	<0.0097	0.87	<0.056	<0.10	0.58	0.16
	12/26/07	370	350	0.31	0.78	22	19	100	7.51	725	<0.0069	420	98	<0.63	1.0	11	3.0	0.22	12	9.0	<0.10	0.67	<0.11
	3/31/08	400	419	0.36 (j)	0.88	13.4	22.6	28.6 (j)	7.23	806	0.202	418	40.1	1.1	2.8	18.9	0.57 (j)	<0.098	1.2	0.11 (j)	<0.10	0.65 (j)	<0.11
	6/30/08	406	390	0.37 (j)	0.63	14.8	15.4	<10.8	7.02	781	<0.125	385	34.4	0.75 (j)	1.9 (j)	<12.5	0.61 (j)	<0.25	1.8 (j)	<0.25	NA	1.2 (j)	<0.50
NR 140 ES		--	--	**4000**	**10**	**250**	**250**	--	--	--	**0.3**	--	**2000**	**1300**	**50**	**5000**	**10**	**5.0**	**100**	**15**	**2.0**	**50**	**50**
NR 140 PAL		--	--	800	2.0	125	125	--	--	--	0.15	--	400	130	25	2500	1.0	0.5	10	1.5	0.2	10	10

Notes:

5.0 Wisconsin Administrative Code Chapter NR 140 Preventive Action Limit (NR 140 PAL) exceedance

5.0 Wisconsin Administrative Code Chapter NR 140 Enforcement Standard (NR 140 ES) exceedance

NA- Not Analzed

(j) - Result between limit of detection and limit of quantification

TABLE 2
Summary of Inorganic Parameters
Timmerman Farm Landfill
STS Project No. 200801623

Sample No.	Date	Dissolved Solids (mg/l)	Alkalinity (mg/l)	Fluoride (mg/l)	Nitrate/Nitrite (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	Chemical Oxygen Demand (mg/l)	pH (pH)	Conductivity (uS)	Iron (mg/l)	Hardness (mg/l)	Barium (ug/l)	Copper (ug/l)	Manganese (ug/l)	Zinc (ug/l)	Arsenic (ug/l)	Cadmium (ug/l)	Chromium (ug/l)	Lead (ug/l)	Mercury (ug/l)	Selenium (ug/l)	Silver (ug/l)
MW-7	7/18/01	412	373	0.18	0.69	43	26	4.5	7.04	780	<0.02	403	44	<5.2	<15	21	<2.0	<0.09	0.61	<0.73	<0.13	1.1	<0.45
	11/29/01	590	389	0.095	0.39	100	35	7.0 (j)	7.04	785	<0.139	1370	43	<20	<17	<21	<1.0	<0.08	2.3 (j)	<1.0	<0.2	<8.0	0.77
	8/7/02	460	329	<0.25	0.84	75	34	24	6.35	550	<0.055	1210	46	<15	<10	<9.0	<1.3	<0.08	2.9	<0.66	0.52	<1.0	0.52 (j)
	9/14/06	470	330	0.23	0.95	78	26	44	7.11	981	<0.050	--	48	<1.1	<0.36	<20	0.5	<0.14	0.79	0.11	<0.072	0.8	<0.034
	12/13/06	500	340	0.32	0.87	96	32	22	7.24	1024	<0.050	--	54	<1.1	<0.36	<20	0.31	<0.12	1.2	0.08	<0.072	<0.67	<0.034
	4/2/07	480	350	0.29	1.4	78	31	64	--	951	**0.39**	--	46	0.63	0.41	5.6	0.26	<0.12	1.0	0.15	<0.072	<0.67	<0.034
	6/22/07	510	340	0.29	1.6	85	28	25	7.99	871	0.096	--	52	0.61	0.33	2.6	0.59	<0.097	0.94	0.26	<0.10	0.75	<0.11
	10/2/07	540	340	0.31	1.1	120	29	190	7.43	1023	0.033	--	53	0.95	8.2	3.4	0.35	<0.0097	1.2	<0.056	<0.10	0.44	<0.020
	12/26/07	480	330	0.31	1.3	120	31	140	7.81	914	<0.0069	480	94	<0.63	<0.48	32	1.7	0.19	7.6	5.0	<0.10	1.5	<0.11
	3/31/08	448	371	0.34 (j)	1.7	73.1	28.5	44.2 (j)	7.50	895	0.188	460	41.2	0.77 (j)	1.2	9.3 (j)	0.34 (j)	<0.098	1.0	<0.044	<0.10	0.59 (j)	<0.11
	6/30/08	538	383	0.35 (j)	2.9	64.7	30.3	86.6	6.99	887	0.235 (j)	502	51.9	0.74 (j)	<1.2	<12.5	0.64 (j)	<0.25	1.9 (j)	<0.25	NA	<1.2	<0.50
MW-8	7/18/01	432	341	0.17	0.5	43	24	32	6.97	810	<0.02	473	55	<5.2	<15	13	<2.0	<0.09	<0.4	<0.73	<0.13	1.1	<0.45
	11/29/01	460	392	0.098	1.1	54	32	7.0 (j)	6.48	810	<0.139	458	47	<20	<17	<21	<1.0	<0.08	0.88 (j)	2.6 (j)	<0.2	<8.0	0.69 (j)
	8/7/02	420	345	<0.25	2.7	53	28	43	6.42	570	<0.055	451	46	<15	<10	<9.0	<1.3	<0.08	1.5 (j)	<0.66	0.43	<1.0	0.47 (j)
	9/14/06	470	370	0.22	1.2	53	25	32	7.06	976	<0.050	--	56	<1.1	<0.36	<20	0.83	<0.14	<0.32	0.12	<0.072	1.5	<0.034
	12/13/06	470	370	0.34	1.4	56	29	21	7.28	957	<0.050	--	57	<1.1	<0.36	<20	0.68	<0.12	1.1	0.12	<0.072	1.0	<0.034
	4/2/07	420	370	0.28	1.2	42	28	19	--	877	**0.36**	--	48	0.65	0.53	11	0.63	<0.12	0.55	0.17	<0.072	1.2	<0.034
	6/22/07	380	320	0.29	0.54	49	26	37	8.33	745	0.18	--	55	0.87	3.7	2.5	0.81	<0.097	0.6	0.77	<0.10	1.2	<0.11
	10/2/07	410	380	0.31	0.77	46	26	46	7.33	847	0.026	--	49	0.77	0.16	<0.56	0.73	<0.0097	0.51	<0.056	<0.10	1.1	<0.020
	12/26/07	410	350	0.32	0.77	50	30	57	7.84	809	<0.0069	390	73	<0.63	1.7	<8.0	1.4	<0.097	2.3	3.6	<0.10	1.6	<0.11
	3/31/08	426	408	0.35 (j)	0.76	47.3	25.5	15.2 (j)	7.46	885	0.168	450	51.8	0.66 (j)	0.25 (j)	27.8	0.80 (j)	<0.098	0.50 (j)	0.12 (j)	<0.10	1.4	<0.11
	6/30/08	490	411	0.34 (j)	0.61	45.7	24	28.6 (j)	7.01	866	<0.125	456	56.7	0.58 (j)	<1.2	<12.5	0.94 (j)	<0.25	1.4 (j)	<0.25	NA	<1.2	<0.50
MW-9	9/14/06	840	720	0.2	0.42	21	130	92	6.66	1655	<0.050	--	170	<1.1	130	<20	0.71	<0.14	<0.32	0.06	<0.072	1.2	<0.034
	12/13/06	890	730	0.3	0.3	27	130	24	6.78	1597	<0.050	--	170	<1.1	110	<20	0.82	<0.12	0.35	0.13	<0.072	1.3	<0.034
	4/2/07	890	800	0.24	1.8	20	150	35	--	1564	**0.64**	--	160	1.2	**65**	6.2	1.0	<0.12	0.47	0.15	<0.072	0.8	<0.034
	6/22/07	880	730	0.24	2.3	22	160	33	7.55	1087	0.17	--	190	1.5	**78**	<2.1	1.5	<0.097	<0.43	0.26	<0.10	0.48	<0.11
	10/2/07	850	760	0.24	1.2	31	140	46	6.99	1475	0.028	--	160	1.5	**67**	2.2	1.2	<0.0097	0.36	<0.056	<0.10	1.0	<0.020
	12/26/07	820	700	<0.059	0.82	31	130	35	7.16	1389	<0.0069	850	200	0.64	**140**	22	2.6	0.16	10	2.4	<0.10	2.6	<0.11
	3/31/08	866	731	0.24 (j)	2.6	19.1	167	28.6 (j)	7.65	1438	0.279	842	164	1.9	**79.7**	14.3	1.4	<0.098	<0.43	0.080 (j)	<0.10	0.93 (j)	<0.11
	6/30/08	952	752	0.33 (j)	2.3	17.7	161	55.9	7.01	500	<0.125	922	190	1.6	**204**	<12.5	0.96 (j)	<0.25	1.6 (j)	<0.25	NA	<1.2	<0.50
MW-10	4/2/07	530	560	0.28	4.5	28	160	13	--	1472	**0.48**	--	95	1.0	28	6.7	0.22	<0.12	1.3	0.14	<0.072	1.0	<0.034
	6/22/07	830	600	0.28	5.8	22	170	35	8.02	1321	0.14	--	120	1.1	11	6.9	0.25	<0.097	1.8	0.17	<0.10	0.61	<0.11
	10/2/07	760	560	0.28	4.5	30	160	24	7.08	1302	0.034	--	110	1.6	5.1	<0.56	0.46	<0.0097	2.1	<0.056	<0.10	1.3	<0.020
	12/26/07	2.0	500	0.27	2.9	44	140	<11	7.42	1193	<0.0069	690	99	<0.63	2.2	13	1.2	<0.097	1.9	0.53	<0.10	1.7	<0.11
	3/31/08	772	578	0.26 (j)	5.3	26.7	178	33 (j)	7.27	1299	0.263	786	108	1.2	1.5	31.4	0.27 (j)	<0.098	1.7	0.16 (j)	<0.10	0.38 (j)	<0.11
	6/30/08	890	584	0.30 (j)	5.4	27.2	165	19.6 (j)	6.71	667	<0.125	785	113	1.3	<1.2	<12.5	0.80 (j)	<0.25	2.0 (j)	<0.25	NA	1.3 (j)	<0.50 (j)
NR 140 ES		--	--	**4000**	**10**	**250**	**250**	--	--	--	**0.3**	--	**2000**	**1300**	**50**	**5000**	**10**	**5.0**	**100**	**15**	**2.0**	**50**	**50**
NR 140 PAL		--	--	800	2.0	125	125	--	--	--	0.15	--	400	130	25	2500	1.0	0.5	10	1.5	0.2	10	10

Notes:

5.0 Wisconsin Administrative Code Chapter NR 140 Preventive Action Limit (NR 140 PAL) exceedance

5.0 Wisconsin Administrative Code Chapter NR 140 Enforcement Standard (NR 140 ES) exceedance

NA- Not Analzed

(j) - Result between limit of detection and limit of quantification

TABLE 2
Summary of Inorganic Parameters
Timmerman Farm Landfill
STS Project No. 200801623

Sample No.	*Date*	Dissolved Solids (mg/l)	Alkalinity (mg/l)	Fluoride (mg/l)	Nitrate/Nitrite (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	Chemical Oxygen Demand (mg/l)	pH (pH)	Conductivity (uS)	Iron (mg/l)	Hardness (mg/l)	Barium (ug/l)	Copper (ug/l)	Manganese (ug/l)	Zinc (ug/l)	Arsenic (ug/l)	Cadmium (ug/l)	Chromium (ug/l)	Lead (ug/l)	Mercury (ug/l)	Selenium (ug/l)	Silver (ug/l)
PZ-1	7/18/01	548	344	0.21	0.3	89	57	7.1	6.93	1420	<0.02	381	39	<5.2	**110**	14	<2.0	<0.09	<0.4	<0.73	<0.13	<1.0	<0.45
	11/29/01	560	349	0.24	0.3	110	74	24	6.91	1321	<0.139	460	39	<20	27 (j)	23 (j)	<1.0	<0.08	0.97 (j)	<1.0	<0.2	<8.0	0.89
	8/7/02	510	337	<0.25	<0.05	54	160	18	6.55	690	**0.33**	1320	97	<15	**290**	<9.0	<1.3	<0.08	1.4 (j)	<0.66	0.47	<1.0	0.76
	9/14/06	530	330	0.9	<0.11	85	57	12	7.06	1097	<0.050	--	32	<1.1	16	<20	<0.13	<0.14	<0.32	0.1	<0.072	<0.67	<0.034
	12/14/06	530	310	0.59	<0.11	86	52	<9.7	7.11	1061	**0.4**	--	26	<1.1	19	<20	0.42	<0.12	0.46	0.11	<0.072	<0.67	<0.034
	4/2/07	570	310	0.51	0.38	110	64	15	--	1070	**0.69**	--	33	0.74	9.0	6.1	0.26	<0.12	<0.32	0.11	<0.072	<0.67	<0.034
	6/22/07	560	310	0.61	<0.096	110	60	35	7.71	990	0.19	--	29	0.45	12	4.8	0.27	<0.097	<0.43	0.29	<0.10	<0.15	<0.11
	10/2/07	580	330	0.5	<0.096	120	64	15	7.34	1087	380	--	32	1.2	30	9.0	0.48	<0.0097	0.23	0.22	<0.10	<0.077	<0.020
	12/26/07	480	300	0.63	<0.096	100	59	22	7.61	948	**0.53**	420	26	<0.63	16	14	1.1	<0.097	<0.43	0.46	<0.10	0.63	<0.11
	3/31/08	494	317	0.55	0.14 (j)	103	57.4	44.2 (j)	7.55	954	0.203	401	27.8	0.73 (j)	4.1	10.8	0.45 (j)	0.12 (j)	<0.43	0.11 (j)	<0.10	0.67 (j)	<0.11
	6/30/08	598	350	0.42 (j)	0.22 (j)	89.3	57.8	<10.8	7.1	156	**0.302**	409	34.7	1.5	41.2	<12.5	<0.50	<0.25	1.4 (j)	0.35 (j)	NA	<1.2	<0.50
PZ-4	7/18/01	488	336	0.5	<0.11	50	83	5.1	7.19	800	<0.02	364	25	<5.2	<15	15	<2.0	<0.09	<0.4	1.1	<0.13	<1.0	<0.45
	11/29/01	510	381	0.29	0.77	58	80	13 (j)	7.11	826	<0.139	405	26	<20	**49**	<21	<1.0	<0.08	1.7 (j)	3.6	<0.2	<8.0	0.82
	8/7/02	NA	NA	NA	NA	NA	NA	NA	6.32	590	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/14/06	460	350	0.85	<0.11	54	74	<9.7	7.2	1028	<0.050	--	27	<1.1	46	<20	<0.13	<0.14	<0.32	0.24	<0.072	<0.67	<0.034
	12/13/06	470	340	0.51	0.2	41	77	<9.7	7.46	945	<0.050	--	26	<1.1	59	<20	0.19	<0.12	0.47	0.1	<0.072	<0.67	<0.034
	4/2/07	470	360	0.49	1.6	27	78	<11	--	885	**0.34**	--	24	0.59	22	6.1	<0.13	<0.12	<0.32	0.14	<0.072	<0.67	<0.034
	6/22/07	470	340	0.47	0.87	38	84	20	7.92	836	0.079	--	22	1.1	1.2	<2.1	0.16	<0.097	1.1	0.21	<0.10	0.28	<0.11
	10/2/07	470	360	0.46	<0.096	37	80	15	7.35	896	0.032	--	26	0.69	43	1.9	<0.075	0.056	0.24	<0.056	<0.10	0.3	<0.020
	12/26/07	450	340	0.47	0.69	38	73	<11	7.66	859	<0.0069	380	23	<0.63	<0.48	26	0.15	0.10	<0.43	1.0	<0.10	0.19	<0.11
	3/31/08	440	356	0.49 (j)	0.17 (j)	41.7	81.3	24.1 (j)	7.75	870	0.156	377	24.2	0.70 (j)	7.9	9.9 (j)	0.12 (j)	<0.098	<0.43	0.080 (j)	<0.10	0.38 (j)	<0.11
	6/30/08	400	320	0.41 (j)	0.93	62.8	69.6	13 (j)	7.13	696	<0.125	358	23.4	1.1	32.5	<12.5	<0.50	<0.25	1.3 (j)	<0.25	NA	<1.2	<0.50
PZ-5	7/18/01	306	327	0.7	<0.11	4.1	17	4.5	7.12	560	<0.02	278	14	<5.2	<15	25	<2.0	<0.09	<0.40	2.8	<0.13	<1.0	0.66
	11/29/01	280	340	0.58	<0.02	5.3	22	33	7.30	600	<0.139	318	14 (j)	<20	<17	42 (j)	<2.0	0.25 (j)	1.4 (j)	<1.0	<0.2	<8.0	<0.46
	8/7/02	260	297	0.54	<0.05	3.8 (j)	21 (j)	35	6.82	445	<0.055	401	11	<15	<10	<9.0	<1.3	<0.08	1.5 (j)	<0.66	0.88	<1.0	0.30 (j)
	9/15/06	280	310	0.71	<0.11	5.3	20	15	7.38	674	<0.050	--	15	4.2	2.9	36	0.13	<0.14	0.92	1.2	<0.072	<0.67	<0.034
	12/18/06	290	310	0.98	0.2	8.4	18	12	7.6	--	<0.050	--	16	2.5	1.2	30	0.27	<0.12	1.2	0.56	<0.072	<0.67	<0.034
	4/2/07	300	310	0.81	0.18	4.9	17	57	--	995	0.26	--	11	1.4	<0.12	10	0.41	<0.12	0.37	0.27	<0.072	<0.67	<0.034
	6/22/07	300	310	0.79	0.17	5.4	17	31	8.89	561	0.081	--	11	1.8	0.21	8.3	0.46	<0.097	0.84	2.3	<0.10	<0.15	<0.11
	10/3/07	290	310	0.84	0.19	5.3	17	<11	7.67	609	0.038	--	10	1.6	0.24	6.2	0.46	0.044	0.55	0.38	**5.4**	<0.077	<0.020
	12/26/07	290	310	0.78	0.21	5.4	20	15	7.25	584	<0.0069	270	10	1.4	<0.48	19	0.77	0.12	<0.43	0.29	<0.10	0.67	0.14
	3/31/08	286	323	0.76	0.16 (j)	5.0	19.2	21.9 (j)	7.79	598	0.134	308	13.7	1.4	2.5	11.6	0.71 (j)	<0.098	<0.43	0.19 (j)	<0.10	0.42 (j)	<0.11
	6/30/08	NA	325	0.75	<0.096	4.9 (j)	15.1	<10.8	6.73	169	<0.125	275	17.4	2.4	1.5 (j)	<12.5	0.53 (j)	<0.25	<1.2	<0.25	NA	<1.2	<0.50
NR 140 ES		--	--	**4000**	**10**	**250**	**250**	--	--	--	**0.3**	--	**2000**	**1300**	**50**	**5000**	**10**	**5.0**	**100**	**15**	**2.0**	**50**	**50**
NR 140 PAL		--	--	800	2.0	125	125	--	--	--	0.15	--	400	130	25	2500	1.0	0.5	10	1.5	0.2	10	10

Notes:

5.0 Wisconsin Administrative Code Chapter NR 140 Preventive Action Limit (NR 140 PAL) exceedance

5.0 Wisconsin Administrative Code Chapter NR 140 Enforcement Standard (NR 140 ES) exceedance

NA- Not Analzed

(j) - Result between limit of detection and limit of quantification

TABLE 2
Summary of Inorganic Parameters
Timmerman Farm Landfill
STS Project No. 200801623

Sample No.	Date	Dissolved Solids (mg/l)	Alkalinity (mg/l)	Fluoride (mg/l)	Nitrate/Nitrite (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	Chemical Oxygen Demand (mg/l)	pH (pH)	Conductivity (uS)	Iron (mg/l)	Hardness (mg/l)	Barium (ug/l)	Copper (ug/l)	Manganese (ug/l)	Zinc (ug/l)	Arsenic (ug/l)	Cadmium (ug/l)	Chromium (ug/l)	Lead (ug/l)	Mercury (ug/l)	Selenium (ug/l)	Silver (ug/l)
PZ-7	7/18/01	548	369	0.15	0.37	84	57	7.8	7.01	930	0.097	403	44	<5.2	**130**	21	<2.0	<0.1	<0.44	<0.81	<0.13	<1.0	<0.5
	11/29/01	560	425	0.053	0.58	83	130	18 (j)	7.15	785	**0.88**	500	47	<20	**280**	26 (j)	<1.0	0.13 (j)	0.83 (j)	<1.0	<0.2	<8.0	0.92
	8/7/02	500	355	<0.25	0.77	60	67	20	6.43	571	0.079 (j)	448	44	<15	**160**	<9.0	<1.3	<0.08	0.89 (j)	<0.66	<0.046	<1.0	0.58 (j)
	9/14/06	570	370	0.22	0.46	88	72	<9.7	6.9	1176	**0.42**	--	52	<1.1	**100**	<20	0.33	<0.14	<0.32	0.29	<0.072	<0.67	<0.034
	12/13/06	650	330	0.3	0.36	130	89	12	6.94	1286	**1.3**	--	72	<1.1	**250**	<20	0.21	<0.12	<0.32	0.13	<0.072	<0.67	<0.034
	4/2/07	620	330	0.26	1.8	130	82	66	--	1191	**0.45**	--	53	2.1	4.4	10	<0.13	<0.12	0.36	0.31	<0.072	<0.67	<0.034
	6/22/07	600	300	0.27	1.8	120	77	26	8.01	1034	0.086	--	43	1.7	0.18	<2.1	0.32	<0.097	<0.43	0.17	<0.10	0.34	<0.11
	10/2/07	630	350	0.28	0.11	140	80	35	7.09	1207	0.29	--	56	2.0	**360**	9.6	0.32	<0.0097	0.32	<0.056	<0.10	0.3	<0.020
	12/26/07	550	340	0.28	<0.096	100	68	26	7.21	1075	<0.0069	420	57	1.8	**490**	40	1.3	<0.097	0.49	1.3	<0.10	0.83	<0.11
	3/31/08	548	326	0.31 (j)	1.9	120	65.3	33 (j)	7.35	1039	0.162	379	38.1	1.7	2.3	11.4	0.26 (j)	<0.098	<0.43	0.050 (j)	<0.10	0.21 (j)	<0.11
	6/30/08	610	386	0.32 (j)	1.0	87.7	78.9	17.4 (j)	6.71	181	<0.125	435	48.3	2.0	**116**	<12.5	0.68 (j)	<0.25	1.2 (j)	<0.25	NA	<1.2	<0.50
PZ-7D	4/2/07	280	230	0.68	<0.066	20	47	<11	--	590	0.24	--	34	<0.59	43	4.8	0.6	<0.12	<0.32	0.16	<0.072	<0.67	<0.034
	6/22/07	310	220	0.65	<0.096	22	51	24	7.94	541	0.056	--	36	0.35	11	3.5	0.55	<0.097	<0.43	0.22	<0.10	<0.15	<0.11
	10/2/07	330	230	0.64	<0.096	23	47	15	7.61	579	0.091	--	33	0.93	23	5.4	0.39	<0.0097	0.52	<0.056	<0.10	0.29	<0.020
	12/26/07	270	210	0.63	<0.096	22	48	26	7.90	561	<0.0069	260	37	<0.63	17	19	0.45	<0.097	0.65	0.29	<0.10	0.74	<0.11
	3/31/08	278	223	0.64	<0.096	27.4	49	15.2 (j)	7.35	580	0.131	258	34.3	0.38 (j)	12	12.9	0.40 (j)	<0.098	<0.43	0.050 (j)	<0.10	<0.15	<0.11
	6/30/08	366	237	0.62	<0.096	29	46	24.1 (j)	7.61	900	0.155 (j)	297	41.4	<0.50	19.7	<12.5	0.79 (j)	<0.25	<1.2	<0.25	NA	<1.2	<0.50
PZ-8	7/18/01	540	371	0.14	<0.11	87	52	15	6.45	638	**2.4**	438	61	<5.8	**162**	28	3.6	<0.09	<0.40	<0.73	<0.13	<1.0	<0.45
	11/29/01	650	449	0.041	<0.02	100	140	22	6.99	990	**3.3**	559	84	<20	**440**	<21	2.4 (j)	<0.08	0.88 (j)	<1.0	<0.2	<8.0	0.89
	8/7/02	510	363	<0.25	<0.05	80	56	14 (j)	6.21	690	**2.6**	444	71	<15	**210**	<9.0	3.1 (j)	<0.08	1.1 (j)	<0.66	2.1	<1.0	0.58 (j)
	9/14/06	500	420	0.21	<0.11	40	36	18	7.13	1016	**1.6**	--	120	<1.1	**250**	<20	1.5	<0.14	<0.32	0.13	<0.072	<0.67	<0.034
	12/13/06	480	420	0.3	<0.11	43	32	<9.7	7.26	1011	**0.9**	--	140	<1.1	**200**	24	0.63	<0.12	<0.32	0.15	<0.072	<0.67	<0.034
	4/2/07	490	430	0.28	<0.066	48	33	<11	--	995	**0.53**	--	120	<0.59	27	5.8	0.26	<0.12	<0.32	0.11	<0.072	<0.67	<0.034
	6/22/07	480	420	0.28	<0.096	48	31	19	7.74	902	0.12	--	140	0.5	35	<2.1	0.26	<0.097	<0.43	0.26	<0.10	<0.15	<0.11
	10/2/07	480	440	0.29	<0.096	48	30	13	7.3	943	0.75	--	120	0.36	**290**	1.9	0.77	<0.0097	0.23	<0.056	<0.10	0.29	<0.020
	12/26/07	440	410	0.29	<0.096	46	31	23	7.51	904	**0.97**	450	130	<0.63	**250**	22	1.8	<0.097	<0.43	0.09	<0.10	0.92	<0.11
	3/31/08	456	429	0.33 (j)	<0.096	48.4	28.8	24.1 (j)	7.49	902	0.177	457	125	0.35 (j)	3.5	5.8 (j)	0.22 (j)	<0.098	<0.43	<0.044	<0.10	<0.15	<0.11
	6/30/08	592	382	0.32 (j)	<0.096	95.6	53.8	15.2 (j)	6.99	900	**2.22**	435	70.3	<0.50	**229**	<12.5	2.4	<0.25	1.5 (j)	<0.25	NA	<1.2	<0.50
PZ-9	9/14/06	410	330	0.21	4.3	27	59	12	6.98	906	<0.050	--	47	<1.1	13	<20	0.47	<0.14	<0.32	0.29	<0.072	1.3	<0.034
	12/13/06	570	340	0.3	1.2	97	76	<9.7	6.99	1012	<0.050	--	53	<1.1	**160**	<20	0.19	0.5	0.58	0.42	<0.072	<0.67	<0.034
	4/2/07	750	350	0.26	3.5	62	71	<11	--	1033	**0.36**	--	47	1.8	**64**	9.4	0.26	<0.12	<0.32	0.19	<0.072	<0.67	<0.034
	6/22/07	490	320	0.27	2.9	63	73	22	7.7	868	0.093	--	54	1.4	0.22	6.8	0.34	<0.097	<0.43	0.33	<0.10	0.69	<0.11
	10/2/07	440	340	0.26	4.3	35	61	13	7.3	847	0.029	--	44	1.2	<0.096	2.4	0.37	<0.0097	0.27	<0.056	<0.10	0.92	<0.020
	12/26/07	390	310	0.29	4.7	27	57	<11	7.56	762	<0.0069	370	45	0.67	<0.48	34	0.48	<0.097	<0.43	0.16	<0.10	2.2	<0.11
	3/31/08	452	304	0.28 (j)	2.1	88.4	47.8	17.4 (j)	7.68	885	0.132	327	43.8	1.9	0.95 (j)	35.6	0.24 (j)	<0.098	0.78 (j)	0.19 (j)	<0.10	<0.15	<0.11
	6/30/08	552	401	0.33 (j)	1.5	58.2	70.7	15.2 (j)	6.97	403	<0.125	426	57.3	2.6	56.5	<12.5	0.63 (j)	<0.25	1.6 (j)	<0.25	NA	<1.2	<0.50
NR 140 ES		--	--	**4000**	**10**	**250**	**250**	--	--	--	**0.3**	--	**2000**	**1300**	**50**	**5000**	**10**	**5.0**	**100**	**15**	**2.0**	**50**	**50**
NR 140 PAL		--	--	800	2.0	125	125	--	--	--	0.15	--	400	130	25	2500	1.0	0.5	10	1.5	0.2	10	10

Notes:

5.0 Wisconsin Administrative Code Chapter NR 140 Preventive Action Limit (NR 140 PAL) exceedance

5.0 Wisconsin Administrative Code Chapter NR 140 Enforcement Standard (NR 140 ES) exceedance

NA- Not Analzed

(j) - Result between limit of detection and limit of quantification

TABLE 2
Summary of Inorganic Parameters
Timmerman Farm Landfill
STS Project No. 200801623

Sample No.	Date	Dissolved Solids (mg/l)	Alkalinity (mg/l)	Fluoride (mg/l)	Nitrate/Nitrite (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	Chemical Oxygen Demand (mg/l)	pH (pH)	Conductivity (uS)	Iron (mg/l)	Hardness (mg/l)	Barium (ug/l)	Copper (ug/l)	Manganese (ug/l)	Zinc (ug/l)	Arsenic (ug/l)	Cadmium (ug/l)	Chromium (ug/l)	Lead (ug/l)	Mercury (ug/l)	Selenium (ug/l)	Silver (ug/l)
PZ-10	4/2/07	640	320	0.26	0.64	140	79	<11	--	1244	**0.39**	--	78	2.0	**720**	26	<0.13	0.2	0.48	0.3	<0.072	<0.67	<0.034
	6/22/07	600	310	0.28	0.95	130	79	26	7.69	1071	0.095	--	76	1.5	0.56	<2.1	0.32	<0.097	<0.43	0.18	<0.10	<0.15	<0.11
	10/2/07	600	330	0.28	0.64	120	76	20	7.33	1105	0.037	--	68	1.6	47	4.9	0.35	<0.0097	0.46	0.5	<0.10	0.45	<0.020
	12/26/07	540	350	0.28	0.33	92	69	<11	7.66	1017	<0.0069	410	68	1.0	**640**	30	4.8	<0.097	<0.43	1.9	<0.10	0.32	<0.11
	3/31/08	560	315	0.27 (j)	1.7	133	60.3	26.4 (j)	7.42	1067	0.141	364	71	1.8	**673**	21.3	0.30 (j)	<0.098	<0.43	0.10 (j)	<0.10	0.53 (j)	<0.11
	6/30/08	640	422	0.31 (j)	0.71	77.6	95	15.2 (j)	6.92	887	<0.125	504	97.2	2.2	**641**	13.2 (j)	1.2	<0.25	<1.2	<0.25	NA	<1.2	<0.50
LW-3	7/18/01	1450	722	0.17	<0.11	91	**467**	158	6.59	2410	**0.74**	1100	73	<5.8	**442**	21	**4.0**	<0.18	<0.8	<1.5	<0.13	<1.0	<0.9
	11/29/01	NA	NA	NA	NA	NA	NA	NA	6.41	2515	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/7/02	NA	NA	NA	NA	NA	NA	NA	5.75	1466	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/11/06	1700	620	<0.96	1.4	120	**720**	310	6.7	--	**1.2**	--	110	<1.1	**270**	<20	**1.1**	<0.14	1.3	0.56	<0.072	1.1	<0.034
	3/31/08	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD MW-1	7/18/01	528	368	0.15	<0.11	NA	NA	69	7.20	930	**0.58**	2050	134	<5.2	**196**	21	**4.0**	<0.09	<0.4	<0.73	<0.13	<1.0	<0.45
	11/29/01	190	415	0.067	<0.02	100	57	16 (j)	6.74	2515	**1.1**	791	120	<20	**230**	<21	2.2 (j)	<0.08	<0.7	<1.0	<0.2	<8.0	0.78
	8/7/02	550	348	<0.25	0.59	105	52	39	6.20	1780	**0.92**	604	128	<15	**280**	<9.0	3.4 (j)	<0.08	1.1 (j)	<0.66	0.69	1.4 (j)	0.54 (j)
	9/15/06	550	360	0.21	<0.11	110	44	34	7.03	1199	**0.61**	--	92	<1.1	**200**	<20	0.77	<0.14	<0.32	0.16	<0.072	<0.67	<0.034
	12/13/06	580	380	0.31	<0.11	110	52	34	7.10	1261	**2.9**	--	140	<1.1	**190**	<20	5.6	<0.12	0.64	0.12	<0.072	<0.67	<0.034
	4/2/07	570	380	0.28	0.11	110	61	37	--	1184	**2.3**	--	140	<0.59	**140**	5.2	5.4	<0.12	<0.32	0.06	<0.072	<0.67	<0.034
	6/22/07	590	360	0.29	<0.096	120	64	62	7.91	1079	**1.5**	--	130	0.59	**170**	<2.1	5.6	<0.097	<0.43	0.21	<0.10	0.16	<0.11
	10/2/07	570	410	0.30	<0.096	110	61	66	7.22	1175	**1.9**	--	130	0.69	**210**	4.5	5.1	<0.0097	0.58	<0.056	<0.10	0.34	<0.020
	12/26/07	520	360	0.29	<0.096	110	49	82	7.73	1081	**1.8**	500	320	<0.63	**210**	25	7.8	0.23	6.2	8.6	<0.10	0.96	<0.11
	3/31/08	534	370	0.27 (j)	0.20 (j)	116	50.1	24.1 (j)	7.52	1053	0.211	459	94.2	1.4	1.8	14.7	0.61 (j)	<0.098	0.46 (j)	0.050 (j)	<0.10	0.66 (j)	<0.11
	6/30/08	680	387	0.32 (j)	<0.096	107	64.9	42 (j)	6.31	561	1.89	499	134	<0.50	**184**	<12.5	6.6	<0.25	<1.2	<0.25	NA	<1.2	<0.50
NR 140 ES		--	--	**4000**	**10**	**250**	**250**	--	--	--	**0.3**	--	**2000**	**1300**	**50**	**5000**	**10**	**5.0**	**100**	**15**	**2.0**	**50**	**50**
NR 140 PAL		--	--	800	2.0	125	125	--	--	--	0.15	--	400	130	25	2500	1.0	0.5	10	1.5	0.2	10	10

Notes:

5.0 Wisconsin Administrative Code Chapter NR 140 Preventive Action Limit (NR 140 PAL) exceedance

5.0 Wisconsin Administrative Code Chapter NR 140 Enforcement Standard (NR 140 ES) exceedance

NA- Not Analzed

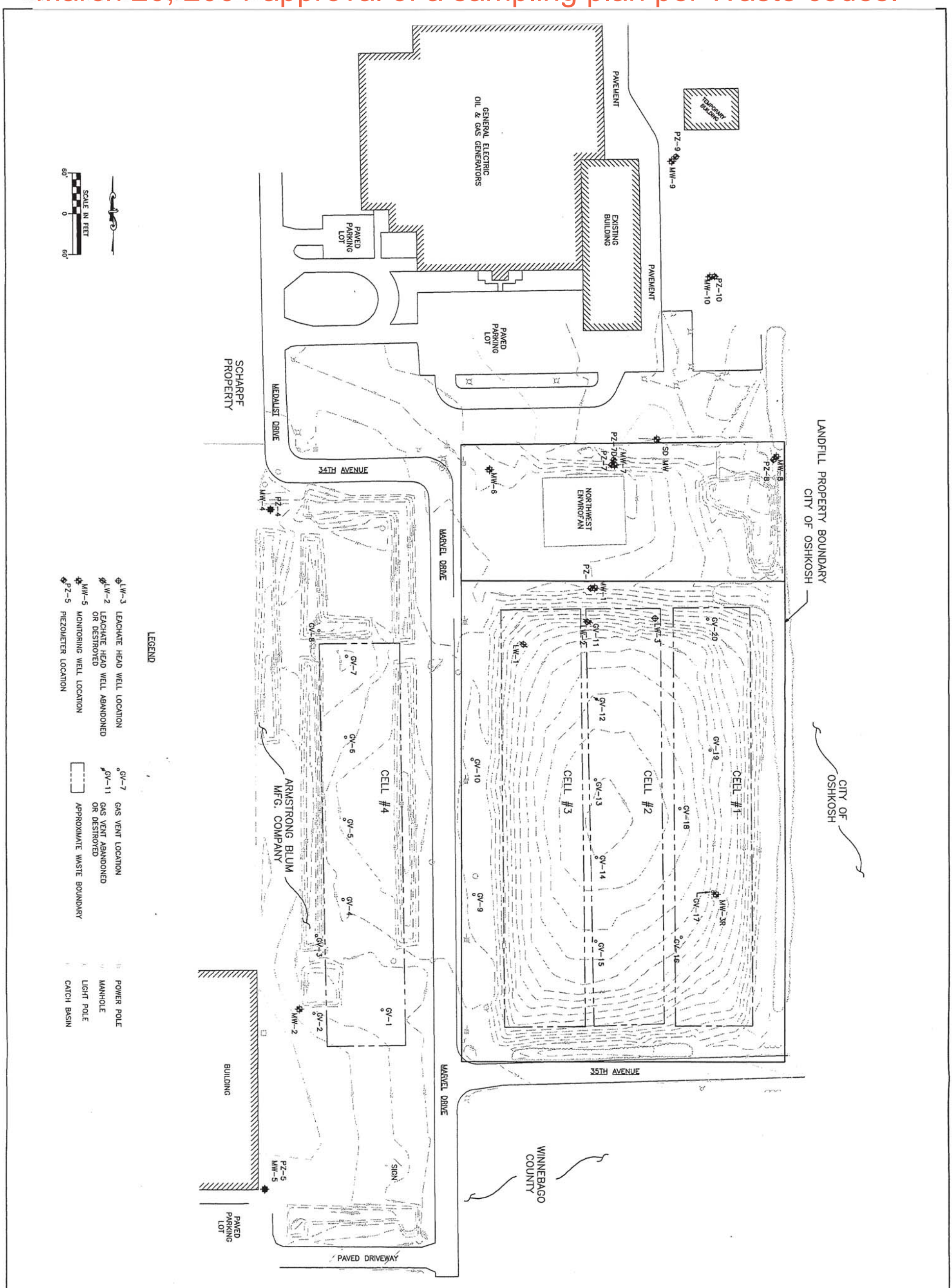
(j) - Result between limit of detection and limit of quantification

Table 3
Summary of Groundwater Elevations
Timmerman Farm Landfill
STS Project No. 200801623

Monitoring Wells	MW-1	PZ-1	MW-2	MW-3	MW-3R	MW-4	PZ-4	MW-5	PZ-5	MW-6	MW-7	PZ-7	PZ-7D	MW-8	PZ-8	MW-9	PZ-9	MW-10	PZ-10	SD-MW	LW-1	LW-2	LW-3
Depth of Well (ft)	25.8	33.5	20.5	27.5	32.1	22.1	32.8	22.1	32.9	26.4	27.3	35.2	62	26.5	36.1	30.4	40.3	18	38	31.1	11.5	12.5	14
Soil Conditions at Screen	Silt, Sand	Dolomite	Clay, Sand	Clay, Sand	Clay, Sand	Dolomite	Dolomite	Dolomite	Dolomite	Clay, Sand	Sand, Silt	Dolomite	Dolomite	Clay, Silt	Dolomite	Clay, silt	Clay, Silt	Clay, Silt	Dolomite	Dolomite	Sandy clay	Clay, Silt	Clay
Screen Length (ft)	15	2	3.5	15	15	5	2	5	2	10	10	2	2	10	2	10	2	10	2	5	5	5	5
Screen Length Interval	759.01-774.01	751.5-753.5	767.9-771.4	757.03-772.03	761.5-776.5	764.4-769.4	754.4-756.4	768.26-773.26	757.46-759.46	757.69-767.69	756.3-766.3	746.5-748.5	719.01 - 721.01	755.4-765.4	743.85-745.85	753.5-763.5	743.38-745.38	755.32 - 765.32	735.21 - 737.21	749.86-754.86	773.7-778.7	772.5-777.5	778.8-783.8
Top of PVC Elevation	784.82	784.99	788.69	784.53	793.63	787.17	787.206	790.36	790.36	784.09	781.718	781.66	783.05	779.66	779.95	783.90	783.69	775.22	775.53	780.97	787.18	786.98	789.52
Installation Date	12/23/93	12/23/93	12/22/93	12/23/93	6/28/01	3/23/94	3/23/94	3/22/94	3/22/94	2/2/95	2/3/95	2/3/95	3/19/07	6/27/01	6/27/01	4/20/05	4/19/05	3/19/07	3/19/07	2/21/00	1/9/96	1/9/96	1/6/96
Abandoment Date	--	--	12/14/06	6/28/01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5/17/05	5/17/05	--

Monitoring Wells	MW-1	PZ-1	MW-2	MW-3	MW-3R	MW-4	PZ-4	MW-5	PZ-5	MW-6	MW-7	PZ-7	PZ-7D	MW-8	PZ-8	MW-9	PZ-9	MW-10	PZ-10	SD-MW	LW-1	LW-2	LW-3
Date	Groundwater Elevation (ft., MSL)	Groundwater Elevation (ft., MSL)	Groundwater Elevation (ft., MSL)	Groundwater Elevation (ft., MSL)	Groundwater Elevation (ft., MSL)	Groundwater Elevation (ft., MSL)	Groundwater Elevation (ft., MSL)	Groundwater Elevation (ft., MSL)	Groundwater Elevation (ft., MSL)	Groundwater Elevation (ft., MSL)	Groundwater Elevation (ft., MSL)	Groundwater Elevation (ft., MSL)	Groundwater Elevation (ft., MSL)	Groundwater Elevation (ft., MSL)	Groundwater Elevation (ft., MSL)	Groundwater Elevation (ft., MSL)	Groundwater Elevation (ft., MSL)	Groundwater Elevation (ft., MSL)	Groundwater Elevation (ft., MSL)	Groundwater Elevation (ft., MSL)	Groundwater Elevation (ft., MSL)	Groundwater Elevation (ft., MSL)	Groundwater Elevation (ft., MSL)
1/25/1994	761.71	761.59	Dry	762.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/2/1994	762.62	763.12	Dry	764.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/4/1994	765.67	--	Dry	769.71	--	766.29	765.50	Dry	768.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2/15/1995	760.22	760.12	768.54	760.35	--	764.59	760.45	Dry	766.38	759.68	760.46	755.35	--	763.12	--	--	--	--	--	--	--	--	--
6/2/1995	765.60	766.16	768.44	768.95	--	766.05	763.38	Dry	770.25	765.86	769.24	765.93	--	771.90	--	--	--	--	--	--	--	--	--
1/18/1996	763.84	763.69	768.91	767.23	--	765.05	763.96	768.46	769.73	763.66	764.07	763.88	--	770.63	--	--	--	--	--	--	774.68	776.95	778.58
10/28/1996	762.52	762.19	--	--	--	764.88	762.43	768.5	767.99	762.31	762.79	762.59	--		--	--	--	--	--	--	775.32	776.13	781.30
1/21/1997	763.05	762.89	768.34	--	--	764.92	762.76	768.46	768.32	762.84	763.46	763.08	--	768.92	--	--	--	--	--	--	771.51	770.80	776.77
4/13/1997	768.35	767.99	769.62	--	--	768.63	768.17	770.06	771.85	768.29	768.22	768.16	--	774.31	--	--	--	--	--	--	771.39	771.26	777.05
7/24/1997	765.82	765.50	766.77	--	--	766.10	765.65	768.46	770.95	765.67	766.17	765.67	--	771.66	--	--	--	--	--	--	771.28	770.90	776.97
11/4/1997	761.90	762.71	768.64	--	--	764.97	--	768.39	--	762.76	763.10	762.96	--	767.62	--	--	--	--	--	--	771.67	773.46	776.87
2/22/1998	766.04	765.74	--	--	--	765.87	--	--	--	765.81	766.20	--	--	773.76	--	--	--	--	--	--	771.78	775.68	777.49
8/10/1998	763.98	763.79	768.49	--	--	764.97	763.81	768.39	767.71	763.79	764.20	764.01	--	766.71	--	--	--	--	--	--	--	--	--
2/15/1999	766.24	765.97	--	--	--	766.25	766.11	--	768.65	--	766.32	766.15	--	--	--	--	--	--	--	--	--	--	--
5/10/1999	766.16	765.89	788.69	--	--	765.96	766.27	--	770.06	765.99	766.32	766.06	--	773.24	--	--	--	--	--	--	772.17	--	777.47
8/30/1999	765.72	765.49	768.47	--	--	766.04	765.62	Dry	770.86	765.64	765.85	765.71	--	771.56	--	--	--	--	--	--	772.28	774.38	777.07
7/18/2001	766.21	765.30	Dry	--	767.38	766.42	766.14	Dry	771.96	766.09	766.32	766.26	--	771.91	766.05	--	--	--	--	765.53	772.68	Dry	778.22
11/29/2001	765.23	763.15	768.52	--	763.85	766.36	766.03	Dry	767.75	762.95	763.37	763.26	--	765.61	763.13	--	--	--	--	762.99	Dry	Dry	776.57
8/5/2002	764.27	764.19	768.68	--	764.93	765.03	764.24	Dry	768.91	764.14	764.44	764.36	--	768.64	764.23	--	--	--	--	764.09	Dry	Dry	776.87
4/28/2003	765.73	765.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
6/17/2005	762.94	762.87	Dry	--	763.59	Dry	762.95	Dry	767.91	762.83	763.17	763.09	--	768.55	762.90	766.93	762.97	--	--	762.75	--	--	777.12
11/4/2005	761.25	761.20	Dry	--	Dry	Dry	761.31	Dry	767.01	761.13	761.47	761.46	--	766.26	761.25	763.45	761.59	--	--	761.17	--	--	776.27
3/6/2006	764.70	764.58	768.68	--	765.06	Dry	764.61	Dry	769.38	764.54	764.86	764.81	--	771.39	764.59	768.05	764.59	--	--	764.49	--	--	777.37
6/19/2006	766.75	766.13	768.81	--	767.44	766.38	766.14	Dry	771	766.07	766.31	766.25	--	772.43	766.06	770.46	766.04	--	--	765.94	--	--	777.57
9/14/2006	762.26	762.14	Dry	--	Dry	Dry	762.24	Dry	763.96	762.13	762.47	762.42	--	768.83	762.23	766.19	762.29	--	--	762.16	--	--	776.62
12/12/2006	763.46	763.38	Dry	--	Dry	Dry	763.43	Dry	767.69	763.36	763.64	763.56	--	770.87	763.38	767.05	762.36	--	--	763.29	--	--	Dry
4/2/2007	769.57	769.43	--	--	Dry	769.37	769.51	Dry	768.83	769.49	769.65	769.61	760.65	775.20	769.40	772.85	769.32	766.11	760.62	769.32	--	--	Dry
6/19/2007	765.01	764.90	--	--	775.90	Dry	765.00	Dry	768.83	764.9	765.18	765.14	757.10	771.68	764.94	769.18	764.96	762.51	756.26	764.86	--	--	Dry
10/1/2007	764.15	764.08	--	--	Dry	Dry	764.11	Dry	768.56	764	764.34	764.27	757.26	771.12	764.10	768.56	764.12	761.80	755.40	764.02	--	--	Dry
12/26/2007	763.11	762.14	--	--	Dry	Dry	763.23	Dry	768.16	762.19	762.41	763.37	757.27	771.37	763.19	766.96	763.19	761.41	763.48	762.99	--	--	Dry
3/31/2008	771.49	771.34	--	--	774.61	771.68	771.45	773.33	771.39	771.03	771.52	771.47	762.45	775.85	771.55	771.31	773.96	767.27	762.39	771.13	--	--	Dry
6/30/2008	769.17	768.99	Dry	--	771.22	769.36	769.20	773.33	772.95	769.18	752.51	769.31	761.26	774.55	768.96	772.99	769.08	766.01	760.32	763.54	--	--	Dry

All wells/piezometers have been left in place for compliance w/ March 20, 2001 approval of a sampling plan per Waste codes.



STS | AECOM

558 North Main Street
Oshkosh, Wisconsin
920.235.0270
www.stsconsultants.com

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By: STS Consultants, Ltd.

SITE TOPOGRAPHY
TIMMERMAN FARM LANDFILL
CITY OF OSHKOSH
OSHKOSH, WISCONSIN

Issued

Rev	Date	Description

Designed: HWM 8/26/2008
Drawn: MAS 8/26/2008
Checked: HWM 8/26/2008
Approved:

PROJECT NUMBER
200801623
SHEET REFERENCE NUMBER

FIGURE 2

All well construction logs are located in the Timmerman Farm Landfill file, now located in Green Bay files under Waste & Material Management Program.

State of Wisconsin
Department of Natural Resources
http://dnr.wi.gov

Impacted Off-Source Property Information

Form 4400-246 (R 3/08)

This fillable form is intended to provide a list of information that must be submitted for evaluation for case closure. It is to be used in conjunction with Form 4400-202, Case Closure Request (Section H). The closure of a case means that the Department has determined that no further response is required at that time based on the information that has been submitted to the Department.

NOTICE: Completion of this form is mandatory for applications for case closure pursuant to ch. 292, Wis. Stats. and ch. NR 726, Wis. Adm. Code, including cases closed under ch. NR 746 and ch. NR 726. The Department will not consider, or act upon your application, unless all applicable sections are completed on this form and the closure fee and any other applicable fees, required under ch. NR 749, Wis. Adm. Code, Table 1 are included. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than reviewing closure requests and determining the need for additional response action. The Department may provide this information to requesters as required by Wisconsin's Open Records law [ss. 19.31 - 19.39, Wis. Stats.].

BRRTS #: 02-71-118308

ACTIVITY NAME: Timmerman Farm LF

ID	Off-Source Property Address	Parcel Number	WTM X	WTM Y
A	Envirofan, 3420 Marvel Dr, Oshkosh, WI 54902	91413620106	636385	390192
B	GE, 3300 Medalist Drive, Oshkosh, WI 54902	91413650000	636423	390254
C	3501 Marvel Dr, Oshkosh, WI 54902 (Monitoring Wells Left in Place)	91413620000	636243	389898
D				
E				
F				
G				
H				
I				

Is your RETURN ADDRESS completed on the reverse side?

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write *"Return Receipt Requested"* on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
Douglas M. Thurber
General Electric Oil & Gas
3300 Medalist Dr.
Oshkosh, WI 54902

4a. Article Number
7002 2030 0006 4550 6723

4b. Service Type
☐ Registered ☒ Certified
☐ Express Mail ☐ Insured
☒ Return Receipt for Merchandise ☐ COD

7. Date of Delivery
1-23-09

5. Received By: *(Print Name)*
Gina Pittarelli

6. Signature: *(Addressee or Agent)*
X Gina Pittarelli

8. Addressee's Address *(Only if requested and fee is paid)*

PS Form **3811**, December 1994 102595-98-B-0229 Domestic Return Receipt

Is your RETURN ADDRESS completed on the reverse side?

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write *"Return Receipt Requested"* on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
Smet Investments LLC
800 O'Keefe Rd, Ste C
De Pere, WI 54115

4a. Article Number
7002 2030 0006 4550 6853

4b. Service Type
☐ Registered ☒ Certified
☐ Express Mail ☐ Insured
☒ Return Receipt for Merchandise ☐ COD

7. Date of Delivery
1-28-09

5. Received By: *(Print Name)*
Chad Smet

6. Signature: *(Addressee or Agent)*
X

8. Addressee's Address *(Only if requested and fee is paid)*

PS Form **3811**, December 1994 102595-98-B-0229 Domestic Return Receipt

Is your RETURN ADDRESS completed on the reverse side?

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write *"Return Receipt Requested"* on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
Janet F. Dahl
Northwest Envirofan
P.O. Box 2944
Oshkosh, WI 54903

4a. Article Number
7002 2030 0006 4550 6730

4b. Service Type
☐ Registered ☒ Certified
☐ Express Mail ☐ Insured
☒ Return Receipt for Merchandise ☐ COD

7. Date of Delivery

5. Received By: *(Print Name)*
Brenda Gelhar

6. Signature: *(Addressee or Agent)*
X

8. Addressee's Address *(Only if requested and fee is paid)*

PS Form **3811**, December 1994 102595-98-B-0229 Domestic Return Receipt

CITY HALL
215 Church Avenue
P.O. Box 1130
Oshkosh, Wisconsin
54903-1130

City of Oshkosh

OFF-SOURCE
A
PROPERTY

OSHKOSH

January 19, 2009

Ms. Janet F. Dahl
Northwest Envirofan
P.O. Box 2944
Oshkosh, WI 54903

RE: Site Closure Request, 470 West 35th Avenue, Timmerman Farm Landfill, Oshkosh, Wisconsin – STS Project No. 200801623

Dear Ms. Dahl:

Groundwater contamination from the vicinity of the property located at 470 West 35th Avenue appears to be migrating onto your property at 3420 Marvel Drive. The levels of vinyl chloride and manganese contamination in the groundwater detected on your property are above the State groundwater enforcement standards (ES) found in Chapter NR 140, Wisconsin Administrative Code (WAC). However, the environmental consultants who have investigated this contamination have informed us that this groundwater contaminant plume is stable or receding and will naturally degrade over time. We believe that allowing natural attenuation to complete the clean-up at this site will meet the requirements for case closure found in Chapter NR 726, WAC, and we will be requesting that the Wisconsin Department of Natural Resources (WDNR) accept natural attenuation as the final remedy for this site and grant case closure. Closure means that the WDNR will not require any further investigation or clean-up action to be taken, other than the reliance on natural attenuation.

Since the source of the groundwater contamination is apparently not on your property, based on current information, neither you nor any subsequent owner of your property will be held responsible for investigation or clean-up of this groundwater contamination, as long as you and any subsequent owners comply with the requirements of Section 292.13, Wisconsin Statutes, including allowing access to your property for environmental investigation or clean-up if access is required. To obtain a copy of WDNR Publication #RR-589, Fact Sheet 10: Guidance for Dealing with Properties Affected by Off-Site Contamination," you may visit:

http://www.dnr.wi.gov/org/aw/rr/archives/pubs/RR589.pdf

OFF-SOURCE
A
PROPERTY

Although we are asking for closure of the site under NR 726, monitoring of groundwater quality will continue using the existing monitoring well network. This will continue as required under NR 507, which details the requirements for environmental monitoring for landfills.

The WDNR will not review our closure request for at least 30 days after the date of this letter. As a potentially affected property owner, you have a right to contact the WDNR to provide any technical information you might have that indicates that closure should not be granted for this site. If you would like to submit any information to the WDNR relevant to this closure request, you should mail that information to:

Ms. Kathy Sylvester
Remediation and Redevelopment Program
WDNR
625 East County Road V
Oshkosh, Wisconsin 54901-9731

A copy should also be mailed to:

Mr. David Patek, P.E.
Director of Public Works
City of Oshkosh
215 Church Avenue
Oshkosh, Wisconsin 54903-1130

If this case is closed, all properties within the site boundaries where groundwater contamination exceeds Chapter 140 groundwater ES will be listed on the WDNR Geographic Information System (GIS) Registry of Closed Remediation Sites. The information on the GIS Registry includes maps showing the location of properties in Wisconsin where groundwater contamination above Chapter NR 140 was found at the time that the case was closed. This GIS Registry will be available to the general public on the WDNR internet web site. Please review the attached legal description of your property, and notify us within the next 30 days if the legal description is incorrect.

Once the WDNR makes a decision on our closure request, it will be documented in a letter. If the WDNR grants closure, you may obtain a copy of this letter by requesting a copy from me; by writing to the agency address given above; or by accessing the WDNR GIS Registry of Closed Remediation Sites on the internet at:

http://www.dnr.wi.gov/org/aw/rr/gis/index.htm

If you or any subsequent property owner wish to construct or reconstruct a well on your property, special well construction standards may be necessary to protect the well from the residual groundwater contamination. Any well driller who proposes to construct a well on your property in the future will first need to obtain approval from a

OFF-SOURCE
A
PROPERTY

regional water supply specialist in the WDNR's Drinking Water and Groundwater Program. The well construction application, Form 3300-254, is on the internet at:

http://www.dnr.wi.gov/org/water/dwg/3300254.pdf

or may be accessed through the GIS Registry web address in the preceding paragraph.

If you need more information, you may contact me at the address above, or by phone at (920.236.5065). Alternatively, you may contact Ms. Kathy Sylvester, WDNR, at (920.424.0399).

Sincerely,

David C. Patek

David C. Patek, P.E.
Director of Public Works
City of Oshkosh

Attachment:
Legal Description – Lot 1 of Certified Survey Map No. 5690

UAC

OFF-SOURCE
A
PROPERTY

Document Number

State Bar of Wisconsin Form 1-2003
WARRANTY DEED

Document Name

1421338

REGISTER'S OFFICE
WINNEBAGO COUNTY, WI
RECORDED ON

12/28/2006 12:13PM

JULIE PAGEL
REGISTER OF DEEDS

RECORDING FEE 11.00
TRANSFER FEE 57.60
OF PAGES 1

Recording Area

Name and Return Address
Assurance Co
Dahl Properties, LLC
3240 Medalist Drive
Oshkosh WI 54902

THIS DEED, made between **CHAMCO, INC.**
("Grantor," whether one or more),
and **DAHL PROPERTIES, LLC**
("Grantee," whether one or more).

Grantor, for a valuable consideration, conveys to Grantee the following described real estate, together with the rents, profits, fixtures and other appurtenant interests, in **Winnebago** County, State of Wisconsin ("Property") (if more space is needed, please attach addendum):

Lot One (1) according to CERTIFIED SURVEY MAP NO. 5690, as filed in Volume 1 of Survey Maps on Page 5690, as Document No. 1347828; being part of a redivision of Certified Survey Map No. 878, which is part of the Southwest Quarter of the Northeast Quarter of Section Two (2), Township Seventeen (17) North, Range Sixteen (16) East, Fourteenth Ward, City of Oshkosh, Winnebago County, Wisconsin.

91413620106
Parcel Identification Number (PIN)

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

Grantor warrants that the title to the Property is good, indefeasible in fee simple and free and clear of encumbrances except: **All easements and restrictions, municipal zoning ordinances of record and covenants of the Aviation Industrial Park as recorded in the Winnebago County, Wisconsin Registry.**

Dated **April 28, 2005**.

CHAMCO, INC.

_____(SEAL) By Douglas C. Pearson (SEAL)
* *Douglas C. Pearson

_____(SEAL) _____(SEAL)
* *

AUTHENTICATION

Signature(s) _____
authenticated on _____.

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

THIS INSTRUMENT DRAFTED BY:

Attorney Brian D. Hamill
P O Box 886, Oshkosh WI 54903-0886

ACKNOWLEDGMENT

STATE OF WISCONSIN)
) ss.
WINNEBAGO COUNTY)

Personally came before me on **April 28, 2005**,
the above-named **Douglas C. Pearson**
to me known to be the person(s) who executed the foregoing instrument and acknowledged the same.

* **Brian D. Hamill**
Notary Public, State of Wisconsin
My Commission (is permanent) ~~(expires:~~ _____)

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

NOTE: THIS IS A STANDARD FORM. ANY MODIFICATIONS TO THIS FORM SHOULD BE CLEARLY IDENTIFIED.

* Type name below signatures.

INFO-PRO™ Legal Forms 800-655-2021 www.infoproforms.com

CITY HALL
215 Church Avenue
P.O. Box 1130
Oshkosh, Wisconsin
54903-1130

City of Oshkosh

OFF-SOURCE
B
PROPERTY

OSHKOSH

January 19, 2009

Mr. Douglas M. Thurber
General Electric Oil & Gas
3300 Medalist Drive
Oshkosh, WI 54902

RE: Site Closure Request, 470 West 35th Avenue, Timmerman Farm Landfill, Oshkosh, Wisconsin – STS Project No. 200801623

Dear Mr. Thurber:

Groundwater contamination from the vicinity of the property located at 470 West 35th Avenue appears to be migrating onto your property at 3300 Medalist Drive. The levels of vinyl chloride and manganese contamination in the groundwater detected on your property are above the State groundwater enforcement standards (ES) found in Chapter NR 140, Wisconsin Administrative Code (WAC). However, the environmental consultants who have investigated this contamination have informed us that this groundwater contaminant plume is stable or receding and will naturally degrade over time. We believe that allowing natural attenuation to complete the clean-up at this site will meet the requirements for case closure found in Chapter NR 726, WAC, and we will be requesting that the Wisconsin Department of Natural Resources (WDNR) accept natural attenuation as the final remedy for this site and grant case closure. Closure means that the WDNR will not require any further investigation or clean-up action to be taken, other than the reliance on natural attenuation.

Since the source of the groundwater contamination is apparently not on your property, based on current information, neither you nor any subsequent owner of your property will be held responsible for investigation or clean-up of this groundwater contamination, as long as you and any subsequent owners comply with the requirements of Section 292.13, Wisconsin Statutes, including allowing access to your property for environmental investigation or clean-up if access is required. To obtain a copy of WDNR Publication #RR-589, Fact Sheet 10: Guidance for Dealing with Properties Affected by Off-Site Contamination," you may visit:

http://www.dnr.wi.gov/org/aw/rr/archives/pubs/RR589.pdf

OFF-SOURCE
B
PROPERTY

Although we are asking for closure of the site under NR 726, monitoring of groundwater quality will continue using the existing monitoring well network. This will continue as required under NR 507, which details the requirements for environmental monitoring for landfills.

The WDNR will not review our closure request for at least 30 days after the date of this letter. As a potentially affected property owner, you have a right to contact the WDNR to provide any technical information you might have that indicates that closure should not be granted for this site. If you would like to submit any information to the WDNR relevant to this closure request, you should mail that information to:

Ms. Kathy Sylvester
Remediation and Redevelopment Program
WDNR
625 East County Road V
Oshkosh, Wisconsin 54901-9731

A copy should also be mailed to:

Mr. David Patek, P.E.
Director of Public Works
City of Oshkosh
215 Church Avenue
Oshkosh, Wisconsin 54903-1130

If this case is closed, all properties within the site boundaries where groundwater contamination exceeds Chapter 140 groundwater ES will be listed on the WDNR Geographic Information System (GIS) Registry of Closed Remediation Sites. The information on the GIS Registry includes maps showing the location of properties in Wisconsin where groundwater contamination above Chapter NR 140 was found at the time that the case was closed. This GIS Registry will be available to the general public on the WDNR internet web site. Please review the attached legal description of your property, and notify us within the next 30 days if the legal description is incorrect.

Once the WDNR makes a decision on our closure request, it will be documented in a letter. If the WDNR grants closure, you may obtain a copy of this letter by requesting a copy from me; by writing to the agency address given above; or by accessing the WDNR GIS Registry of Closed Remediation Sites on the internet at:

http://www.dnr.wi.gov/org/aw/rr/gis/index.htm

If you or any subsequent property owner wish to construct or reconstruct a well on your property, special well construction standards may be necessary to protect the well from the residual groundwater contamination. Any well driller who proposes to construct a well on your property in the future will first need to obtain approval from a

OFF-SOURCE
B
PROPERTY

regional water supply specialist in the WDNR's Drinking Water and Groundwater Program. The well construction application, Form 3300-254, is on the internet at:

http://www.dnr.wi.gov/org/water/dwg/3300254.pdf

or may be accessed through the GIS Registry web address in the preceding paragraph.

If you need more information, you may contact me at the address above, or by phone at (920.236.5065). Alternatively, you may contact Ms. Kathy Sylvester, WDNR, at (920.424.0399).

Sincerely,

David C. Patek

David C. Patek, P.E.
Director of Public Works
City of Oshkosh

Attachment:
Legal Description – Lot 1 of Certified Survey Map No. 5791

cc: Smet Investments, LLC

OFF-SOURCE
B
PROPERTY

Document Number

STATE BAR OF WISCONSIN FORM 1 - 1999
WARRANTY DEED

1170961

REGISTER'S OFFICE
WINNEBAGO COUNTY, WI
RECORDED ON
02-25-2002 02:05 PM
SUSAN WINNINGHOFF
REGISTER OF DEEDS
RECORDING FEE 13.00
TRANSFER FEE 5100.00
OF PAGES 2

This Deed, made between **SQUARE D COMPANY**

Grantor, and **SMET INVESTMENTS, LLC**

Grantee.

Grantor, for a valuable consideration, conveys and warrants to Grantee the following described real estate in **Winnebago** County, State of Wisconsin (if more space is needed, please attach addendum):

See Attached

Recording Area

Name and Return Address
Smet Investments
985 Centennial Unit 1B
Green Bay, WI 54304

~~PART OF~~ 914-1365 & 914-1365-02
Parcel Identification Number (PIN)

This ____ **is not** homestead property.
(is) (is not)

Together with all appurtenant rights, title and interests.

Grantor warrants that the title to the Property is good, indefeasible in fee simple and free and clear of encumbrances except easements and restrictions of record, if any.

Dated this **19th** day of **February**, **2002**

* **W.W. KURCZEWSKI FOR SQUARE D COMPANY**
V.P., GENERAL COUNSEL & SECRETARY

AUTHENTICATION

Signature(s)

authenticated this ____ day of ____

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

THIS INSTRUMENT WAS DRAFTED BY
HENRY C. MATHEWSON
ATTORNEY AT LAW
(Signatures may be authenticated or acknowledged. Both are not necessary.)

ACKNOWLEDGMENT

STATE OF ~~WISCONSIN~~ **ILLINOIS**)
) ss.
Cook County)

Personally came before me this **19th** day of **February**, **2002** the above named
W.W. KURCZEWSKI FOR SQUARE D COMPANY
V.P., GENERAL COUNSEL & SECRETARY
to me known to be the person(s) who executed the foregoing instrument and acknowledged the same.

MUGE PARMAKSIZ

Notary Public, State of ~~Wisconsin~~ Illinois
My Commission is permanent. (If not, state expiration date: **JULY 18, 2005**)

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

STATE BAR OF WISCONSIN

"OFFICIAL SEAL"
MUGE PARMAKSIZ
NOTARY PUBLIC, STATE OF ILLINOIS
MY COMMISSION EXPIRES 7/18/2005

Information Professionals Company, Fond du Lac, WI 800-655-2021

OFF-SOURCE
B
PROPERTY

Being a part of the NE 1/4 of Section 2, T17N, R16E, 14th Ward, City of Oshkosh, Winnebago County, Wisconsin, and being described by:

Commencing at the N1/4 corner of said Section 2; thence north 89 degrees 57 minutes 33 seconds east, 599.66 feet, along the North line of the NE 1/4 of said Section 2; thence south 00 degrees 41 minutes 53 seconds west, 1199.36 feet, to a 2" iron pipe at the Southeast corner of W. 33rd Avenue and Medalist Drive and being the point of beginning; thence south 89 degrees 58 minutes 34 seconds east, 1062.59 feet, along the South line of said W. 33rd Avenue and the extension of said W. 33rd Avenue, to a 1" iron pipe at the Northeast corner of Lot 2 of Certified Survey Map No. 4418, recorded as Doc. No. 1080491 in the Winnebago County Register's Office; thence south 00 degrees 38 minutes 30 seconds west, 699.58 feet (recorded as south 00 degrees 41 minutes 53 seconds west 699.60 feet), along the East line of said Lot 2, to a 1" iron pipe; thence south 89 degrees 59 minutes 28 seconds west, 1063.29 feet (recorded as south 89 degrees 59 minutes 28 seconds west 1063.20 feet), to the East line of said Medalist Drive, to a 1" iron pipe; thence north 00 degrees 41 minutes 53 seconds east, 700.20 feet, along the East line of said Medalist Drive, to the true point of beginning.

Said lands being contained wholly within Documents 476581, 455883, 505210, and Lot 2 of Certified Survey Map 4418 Doc.#1080491.