



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor  
Scott Hassett, Secretary  
Gloria L. McCutcheon, Regional Director

Southeast Region Headquarters  
2300 N. Dr. Martin Luther King, Jr. Drive  
Milwaukee, Wisconsin 53212-3128  
FAX 414-263-8606  
Telephone 414-263-8500  
TTY Access via relay - 711

October 12, 2006

FID#341133320  
BRRTS#03-41-547895

Mr. Mike Pertmer  
City of West Allis,  
5300 West McGroch Avenue  
West Allis, WI 53219

SUBJECT: No Further Action, Former West Allis Incinerator Building, 5100 W. Rogers St.  
West Allis, WI

Dear Mr. Pertmer:

On August 29, 2006 the Wisconsin Department of Natural Resources received a request for a NR 708.09(c) No Further Action Request. Barbara Grundl has reviewed the document and concurs that the environment has been restored to the extent practicable as provided in ch. NR 708.09, Wis. Adm. Code. Therefore, the immediate action in response to a release has been completed and the Department of Natural Resources is requiring no further action at this time.

We appreciate your efforts to protect and restore the environment at this site. If you have any questions regarding this No Further Action determination, please contact me in the SER headquarters office in Milwaukee at 414-263-8564.

Sincerely,

Barbara Grundl  
Hydrogeologist  
Bureau for Remediation & Redevelopment

cc: Travis Peterson – Kapur & Associates, Inc  
WDNR SER case File

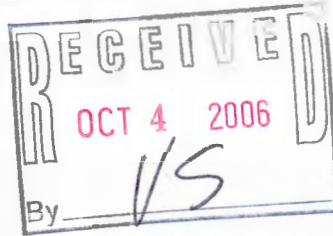
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FID# 341133320  
BRRTS# 03-41-547895

September 22, 2006

City of West Allis  
Mike Pertmer  
5300 West McGeoch Avenue  
West Allis, WI 53219

Subject: Fee Notice/Invoice for Former West Allis Incinerator Building, 5100 W. Rogers St.,  
West Allis

Dear Mr. Pertmer :

On August 29, 2006, the Wisconsin Department of Natural Resources received the following submittal, for which you requested review, or which by code requires a review and fee:

- Site Investigation Work Plan
- Site Investigation Report
- Remedial Action Options Report
- Remedial Design Report
- Construction Documentation Report
- Injection/Infiltration Request
- Landspreading
- Operation & Maintenance Report
- Long-Term Monitoring Plan
- Closure Request
- NR 720.19/ Soil Standards Report
- NR 708 (c) No Further Action Request
- Other:

This submittal requires a \$250.00 fee in order to receive review and response from the DNR. Please make the check payable to: **State of Wisconsin, Department of Natural Resources**, and send it to the Environmental Program Assistant's attention at the address shown in the above header.

We will hold your submittal until your check arrives or you notify us that the review is no longer requested. Once we receive the check, we will enter the case on our first-in-first-out (FIFO) review list; effective on the date we receive your request. If we don't hear from you after a month we will place your submittal, un-reviewed, in our case file.

**Please return this letter with your submittal.**

Thank you,

Sincerely,  
*Victoria Stovall*  
Victoria Stovall

Program Assistant, Environmental Remediation and Redevelopment

C: Travis Peterson – Kapur & Associates, Inc.  
WDNR Case File



## State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor  
Scott Hassett, Secretary  
Gloria L. McCutcheon, Regional Director

Southeast Region Headquarters  
2300 N. Dr. Martin Luther King, Jr. Drive  
Milwaukee, Wisconsin 53212-0436  
Telephone 414-263-8500  
FAX 414-263-8606  
TTY 711

September 12, 2006

FID: 341133320  
BRRTS: 03-41-547895

City of West Allis  
c/o Mike Pertmer  
6300 West McGeoch Avenue  
West Allis, WI 53219

Subject: Reported Contamination Former West Allis Incinerator Building, 5100 West Rogers Street, West Allis

Dear Mr. Pertmer:

On August 9, 2006, Travis Peterson, Kapur & Associates, Inc., on behalf of the City of West Allis notified the Department of Natural Resources (WDNR) that soil contamination had been detected at the site described above.

Based on the information submitted to the WDNR, we believe the City of West Allis is responsible for investigating and restoring the environment at the referenced site under Section 292, Wisconsin Stats., known as the hazardous substances spills law.

This letter describes your legal responsibilities as a person who is responsible under section 292.11, explains what you need to do to investigate, and clean up the contamination; provides you with information about cleanups, environmental consultants, and possible financial assistance; and working cooperatively with the Department of Natural Resources and Department of Commerce ("Commerce").

### Legal Responsibilities:

Your legal responsibilities are defined both in statute and in administrative codes. The hazardous substances spill law, Section 292.11 (3) Wisconsin Statutes, states:

- **RESPONSIBILITY.** A person who possesses or controls a hazardous substance which is discharged or who causes the discharge of hazardous substance shall take the actions necessary to restore the environment to the extent practicable and minimize the harmful effects from the discharge to the air, lands, or waters of the state.

Wisconsin Administrative Code chapters NR 700 through NR 749 establish requirements for emergency and interim actions, public information, site investigations, design and operation of remedial action systems, and case closure. Chapter NR 708 includes provisions for immediate actions in response to limited contamination. Wisconsin Administrative Code chapter NR 140 establishes groundwater standards for contaminants that reach groundwater.

### Steps to Take:

The longer contamination is left in the environment the farther it can spread and the more it may cost to clean up. Quick action may lessen damage to your property and neighboring properties and reduce your costs in investigating and cleaning up the contamination. To ensure that your cleanup complies with Wisconsin's laws and administrative codes, you should hire a professional environmental consultant who understands what needs to be done. These are the first three steps to take:

1. Within the next **30 days**, you should submit written verification (such as a letter from the consultant) that you have hired an environmental consultant. If you do not take action within this time frame, the WDNR may initiate enforcement action against you.
2. Within the next **60 days**, your consultant should submit a work plan and schedule for the investigation. The consultant must comply with the requirements in the NR 700 rule series and should refer to WDNR technical guidance documents. To facilitate prompt agency review of your reports, your consultant should use the site investigation and closure formats which are available online at [www.dnr.state.wi.us](http://www.dnr.state.wi.us).

Once an investigation has established the degree and extent of contamination involved at your site, your consultant will be able to determine whether Commerce or the Department of Natural Resources has authority over the case.

3. Within 30 days of completion of the site investigation, you or your consultant must provide a site investigation report per s. NR 716.15. As the remedial activities proceed, you or your consultant should also provide a brief progress report at least every 90 days as required by s. NR 724.13(3), Wis. Adm. Code. Quarterly reports need only include one or two pages of text, plus any relevant maps and tables. Should conditions at your site warrant, we may require more frequent contacts.
4. Sites where discharges to the environment have been reported are entered into the Bureau for Remediation and Redevelopment Tracking System ("BRRTS"), a version of which appears on the Department's Internet site. You may view the information related to your site at any time (<http://www.dnr.state.wi.us/org/aw/rr/brrts>) and use the feedback system to alert us to any errors in the data.

If you want a formal response from the Department on a specific submittal, please be aware that a review fee is required in accordance with ch. NR 749, Wis. Adm. Code. If a fee is not submitted with your reports, you should proceed under the advice of your consultant to complete the site investigation to maintain your compliance with the spills law and chs. NR 700 through NR 749. **Do not delay the investigation of your site by waiting for a Department response.** We have provided detailed technical guidance to environmental consultants. Your consultant is expected to know our technical procedures and administrative codes and should be able to answer your questions on meeting cleanup requirements.

All correspondence regarding this site should be sent to:

Victoria Stovall, Environmental Program Associate  
Remediation and Redevelopment Program  
Wisconsin Department of Natural Resources  
2300 North Martin Luther King Drive  
Milwaukee, WI 53212

Unless otherwise requested, please send only one copy of plans and reports. To speed processing, correspondence should reference the BRRTS and FID numbers (if assigned) shown at the top of this letter.

**Additional Information for Site Owners:**

Information to help you select a consultant, and materials on controlling costs, understanding the cleanup process, and choosing a site cleanup method are enclosed. In addition, *Fact Sheet 2, Voluntary Party Remediation and Exemption from Liability* provides information on obtaining the protection of limited liability under s. 292.15, Stats.

**Financial Assistance:**

Reimbursement from the Petroleum Environmental Cleanup Fund (PECFA) may be available for some of the costs of cleaning up contamination from eligible petroleum storage tanks. Please refer to the enclosed information sheet entitled "*Information about PECFA*" for more information on eligibility and regulations for this program. For more information on the PECFA program, please call the Department of Commerce at 608-266-2424 or visit their web site at:

<http://www.commerce.state.wi.us/COM/Com-Petroleum.html>. Funding is also available for cleanup at some drycleaning sites.

Call the DNR Victoria Stovall, Program Associate at (414) 263-8688 for more information on eligibility or visit the RR web site. <http://www.dnr.state.wi.us/org/aw/rr>. You may also contact this person for all other questions regarding this letter.

Thank you for your cooperation.

Sincerely,



Victoria Stovall  
Environmental Program Associate  
Remediation & Redevelopment Program  
Southeast Region

- Enclosures:
1. Selecting a consultant
  2. Fact Sheet 2, VPLE
  3. Env. Services Contractors List
  4. Inf. About PECFA Fact Sheet

cc: Travis Peterson – Kapur & Associates, Inc.

→ WDNR SER Files



7711 North Port Washington Road  
 Milwaukee, WI 53217  
 Phone (414) 351-6668  
 Fax (414) 351-4117

AUG 15 2006

# Letter of Transmittal

**TO:** WDNR – Southeast Region Headquarters  
 Remediation and Redevelopment Program  
 2300 N. Martin Luther King Drive  
 Milwaukee, WI 53212

Date: 08/09/06	Job No.
Attention: Victoria Stovall	
RE: West Allis Incinerator Building	
v/s 5100 West Rogers Street	
West Allis, WI 53219	

**WE ARE SENDING YOU**

- Shop Drawings   
  Prints   
  Plans   
  Samples   
  Specifications  
 Copy of Letter   
  Change Order   
 Other

Under separate cover via \_\_\_\_\_ the following items:

COPIES	DATE	NO.	DESCRIPTION
1	08/09/06		UST System Site Assessment & Soil Excavation Report – West Allis Incinerator Building, v/s 5100 West Rogers Street, West Allis, Wisconsin 53219

**THESE ARE TRANSMITTED as checked below:**

- For approval   
  Approved as submitted   
  Resubmit \_\_\_ copies for approval  
 For your use   
  Approved as noted   
  Submit \_\_\_ copies for distribution  
 As requested   
  Returned for corrections   
  Return \_\_\_ corrected prints  
 For review and comment  
 FOR BIDS DUE:   
 PRINTS RETURNED AFTER LOAN TO US

**REMARKS:**

COPY TO:

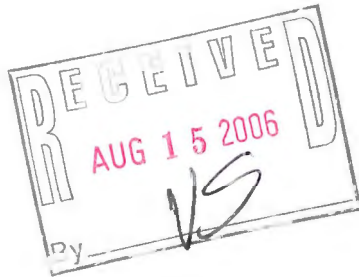
SIGNED:

*Lynnda J. Jellenny*

# UNDERGROUND STORAGE TANK SITE ASSESSMENT & SOIL EXCAVATION REPORT

WEST ALLIS INCINERATOR  
BUILDING

<sup>VS</sup> 5300 WEST ROGERS STREET  
WEST ALLIS, WISCONSIN



Prepared for:

City of West Allis – DPW  
6300 McGeoch Avenue  
West Allis, WI 53219

Prepared by:

Kapur & Associates, Inc.  
7711 N. Port Washington Road  
Milwaukee, Wisconsin 53217

August 9, 2006



August 9, 2006

Program Assistant  
Remediation and Redevelopment Program  
Wisconsin Department of Natural Resources  
P. O. Box 12436  
2300 N. Martin Luther King Drive  
Milwaukee, Wisconsin 53212

RE: **Underground Storage Tank (UST) System Site Assessment &  
Soil Excavation Report**

Site: West Allis Incinerator Building  
5100 West Rogers Street, West Allis, Wisconsin

Dear Sir or Madam:

Kapur & Associates, Inc., (Kapur) has performed an Underground Storage Tank (UST) System Site Assessment (SA) and Soil Excavation activities at the above referenced site. The SA and Soil Excavation activities were completed in conjunction with the permanent removal of one 10,000-gallon fuel oil UST and associated piping. This report has been prepared to document the tank closure and site assessment activities per Wisconsin Administrative Code COMM 10 requirements and Wisconsin Department of Natural Resources (WDNR) UST Site Assessment Guidelines. A submittal certification is included in Attachment A and site maps and figures are included in Attachment B.

### **INTRODUCTION**

The UST site is located at 5100 West Rogers Street in the City of West Allis, Wisconsin. The property is described as being a part of the NW quarter of the SE quarter of Section 2, in Township 6 North, Range 21 East, in the City of West Allis, Milwaukee County, Wisconsin (Figure 1, Appendix B). The site currently operates as a solid waste refuse transfer station. The UST was located at the southwest corner of the former building (Figure 3, Appendix B).



## **SITE BACKGROUND INFORMATION**

The UST system has been out of service for several years prior to removal activities. The subject property is not listed on the Wisconsin Department of Natural Resources (WDNR) Bureau of Redevelopment and Remediation Tracking Site (BRRTS) list. The City of West Allis now owns, but had never operated, the UST system. The following is the site-specific information.

UST Site: West Allis Incinerator Building  
Site Location: NW ¼ of SE ¼, Section 2, T 6N, R 21E  
Site Address: 5100 West Rodgers Street  
West Allis, WI 53219

Site Owner/Responsible Party: City of West Allis – Dept. of Public Works  
Mailing Address: 6300 McGeoch Avenue  
West Allis, WI 53219

Contact: Mr. Mike Pertmer  
Phone: (414) 302-8888

Substance: Fuel Oil  
Tank Capacity: 10,000 gallons  
Tank material: Bare Steel  
Tank Remover: Petroleum Equipment Inc.  
3950 W. Douglas Avenue  
Milwaukee, Wisconsin 53209  
Phone: (414) 466-3000

Fire Inspector: Mr. Dan Machowski  
City of West Allis Fire Department  
Phone: (414) 302-8911

Environmental Consultant: Kapur & Associates, Inc.  
7711 N. Port Washington Road  
Milwaukee, Wisconsin 53217  
Phone: (414) 351-6668

Contact: Travis Peterson, Project Scientist  
Linda Fellenz, Project Manager / Senior Hydrogeologist

Native Soils: Silty sandy clay

## **UST REMOVAL ACTIVITIES**

Kapur was contracted by the City of West Allis to supervise the removal activities and perform a site assessment of the UST system. Kapur subcontracted with Petroleum Equipment Inc. (PEI), of Milwaukee, Wisconsin to pump/dispose of the free product, dispose of tank sludge, and perform a closure by removal of the UST system. On June 26, 2005 PEI, (Remover Certification # 41197) completed the UST and associated piping removal. Kapur observed the UST removal activities including the visual inspection of the UST system and excavation. Based on visual inspection, the tank appeared to be in good condition with no apparent cracking or holes.

PEI uncovered (by excavation) the tank and cut an opening in the tank ends to allow entry for cleaning. The tank was inerted of potential petroleum vapors, prior to entry, and cleaned while in place (in ground). Six (6) 55-gallon drums of free product and liquid sludge were removed during tank cleaning activities by OSI Environmental, Inc. (OSI) of Butler, Wisconsin.

A copy of the non-hazardous waste manifest is included in Attachment D. PEI transported and disposed of the USTs at H&R Scrap Metal in Milwaukee, Wisconsin. Photographs of the UST removal activities are included in Attachment C. The Underground Petroleum Product Tank Inventory (Form SBD-7437) and Checklist for Underground Tank Closure (Form SBD-8951) are presented in Appendix D. Tank disposal documentation and free product / tank sludge disposal forms are also included in Attachment D.

## **SUBSURFACE CONDITIONS**

Based on visual observation of soils exposed during excavation for the UST system removal, soils at the site consisted of fill material over silty sandy clay to the maximum depth of 15 feet below ground surface (bgs). No groundwater was encountered during the excavation activities. Obvious impacts to the subsurface soils (resulting from a spill or release from the former fuel oil UST) were observed during UST removal activities. As a result, Kapur recommended and supervised a soil excavation of the impacted ('hot-spot') soils. A description of soil excavation activities and a summary of the soil investigation follow.

## **SOIL EXCAVATION ACTIVITIES**

Kapur administered a contract with Onyx on behalf of the owner for off-site remediation of the impacted soils at their Emerald Park RDF and BioSite in Muskego, Wisconsin. On July 26, Kapur supervised the excavation and removal of approximately 200 tons of “hot-spot” contaminated soils from around and underneath the former UST areas. The extent of excavation was reached when, based on visual observations and field analysis, un-impacted soils were reached or on-site structures (concrete foundation) limited further excavation. Kapur monitored the excavated soils using a photo-ionization detector (PID). Approximately 200 tons of impacted soils were removed. PEI subcontracted Batzler and I-Key Trucking to haul the impacted soils to the Emerald Park RDF.

At the conclusion of the excavation activities, the excavation was rectangular in shape with an approximate length (north/south) of 25 feet, width (east/west) of 14 feet, and depths ranging from 10 to 15 feet bgs (Figure 4, Appendix A). A Landfill Service Agreement for bioremediation and Disposal Manifest Summary are presented in Appendix D.

Based on visual observation during soil excavation, the soils surrounding the former USTs included gray to black, soft to stiff silty/sandy clays. Groundwater was not observed at any time during the excavation (Photograph Nos. 4 and 5, Appendix C).

## **SOIL SAMPLING AND FIELD SCREENING**

Kapur examined the in place and excavated soils for presence of potential petroleum contamination. Soil samples were collected in the excavation from the north, south, east and west sidewalls (CS-4, CS-6, CS-5 and CS-3) and from beneath the former UST at the north and south ends of the tank (CS-2 and CS-1).

Soil samples were collected and submitted for laboratory analysis of Diesel Range Organics (DRO), Polycyclic Aromatic Hydrocarbons (PAHs), Volatile Organic Compounds (VOCs), and lead in accordance with the WDNR Site Assessment Guidelines, to APL, Inc., located in Milwaukee, Wisconsin (WDNR Certification Number: 241340550) under chain-of-custody procedures. Travis Peterson (Site Assessor # 264264) of Kapur collected the samples.

Figure 4, in Appendix B shows the former UST and soil sample locations. Table 1 presents the closure soil sample analytical results. The complete laboratory report and chain of custody are presented in Appendix E.

**Table 1**  
**Soil Excavation Closure Sample Analytical Results**  
**West Allis Incinerator Building**  
**5100 West Rogers Street**  
**West Allis, Wisconsin**

	CS-1	CS-2	CS-3	CS-4	CS-5	CS-6	NR 720 Standards
Sample Location	S. End	N. End	W. Wall	N. Wall	E. Wall	S. Wall	
Sample Depth <sup>1</sup> (ft)	12-15'	12-15'	8-10'	8-10'	8-10'	8-10'	
<b>DRO (ppm)</b>	1.649	1.775	<1.15	<1.15	<1.15	181	250
<b>VOCs (ppb)</b>	ND	ND	ND	ND	ND	ND	
<b>PAHs (ppb)</b>							
1-Methylnaphthalene	<55	<55	<55	<55	<55	735	70,000,000
2-Methylnaphthalene	<56	<55	<56	<56	<56	994	40,000,000
Naphthalene	<56	<55	<56	<56	<56	327	110,000
Phenanthrene	<23	<23	<23	<23	<23	52	390,000
<b>Lead (ppm)</b>	9.1	8.01	7.72	8.75	9.41	18	500

Notes:

DRO= Diesel Range Organics; VOC= Volatile Organic Compound; PAH= Polycyclic Aromatic Hydrocarbons; ppm=parts per million; ppb=parts per billion; ND=no detection; 1=Relative to surface grade; **Bold** samples exceed NR 720 RCL standards; *Italicized* samples exceed NR 746 standards

Material removed from the top 4 feet of the excavation was used to backfill the remainder of the excavation. The backfilling operation was completed following the sampling activities.

### ANALYTICAL RESULTS

DRO was detected in soil samples CS-1, CS-2 and CS-6 at concentrations of 1.649 ppm, 1.775 ppm and 181 ppm, respectively, but did not exceed the NR 720.09 Residual Contaminant Level (RCL) of 250 ppm based upon site soil types. Of the PAHs: concentrations of 1-methylnaphthalene, 2-methylnaphthalene, naphthalene and phenanthrene detected in soil sample CS-6 did not exceed the NR 720.09 RCLs. Lead concentrations ranged from 8.01 ppm in sample CS-2 to 18 ppm in sample CS-6, however the concentrations did not exceed the NR 720.09 RCL of 500 ppm. No VOCs were detected throughout the soil samples collected.

## **FUTURE LAND USE**

The City of West Allis is currently redeveloping the site for continued use as a solid waste transfer station. The residual soil contamination will be located under concrete/asphalt roadway and driveway.

## **CONCLUSIONS**

Based on the field observations and laboratory analytical results, Kapur makes the following conclusions:

- No groundwater was encountered during UST removal.
- Approximately 200 tons of petroleum impacted soils were removed and disposed at a State Licensed Landfill for Bioremediation.
- No contaminant was detected above the applicable NR 720 RCL throughout the closure samples.
- Residual impacted soils remain at a depth of 8-10 feet bgs.
- A concrete/asphalt surface cap will cover the residual impacted soil preventing surface water infiltration and eliminating any direct contact risk.
- Future Land use will remain the same as a solid waste transfer station.
- No public utility well is located within 1,200 feet and no private well is located within 200 feet of the former UST location.

## **RECOMMENDATIONS**

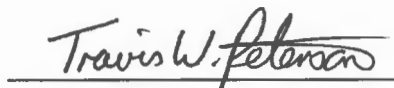
Based on the above conclusions, Kapur makes the following recommendation:

- With the removal of the source and impacted soils, closure samples indicating no contamination remaining above applicable standards, no groundwater encountered during excavation activities, and future land use to remain unchanged, no additional site investigation activities are considered necessary and the site be tracked as 'No Further Action'.

We hope the above information meets the department's request for unrestricted case closure. If you have any questions or comments, which require further clarification, please feel free to contact us at (414) 351-6668.

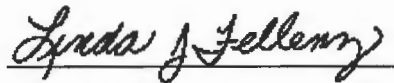
Sincerely,

KAPUR & ASSOCIATES, INC.



Travis W. Peterson, Project Scientist

Site Assessment Certification # 264264



Linda Fellenz

Project Manager / Senior Hydrogeologist

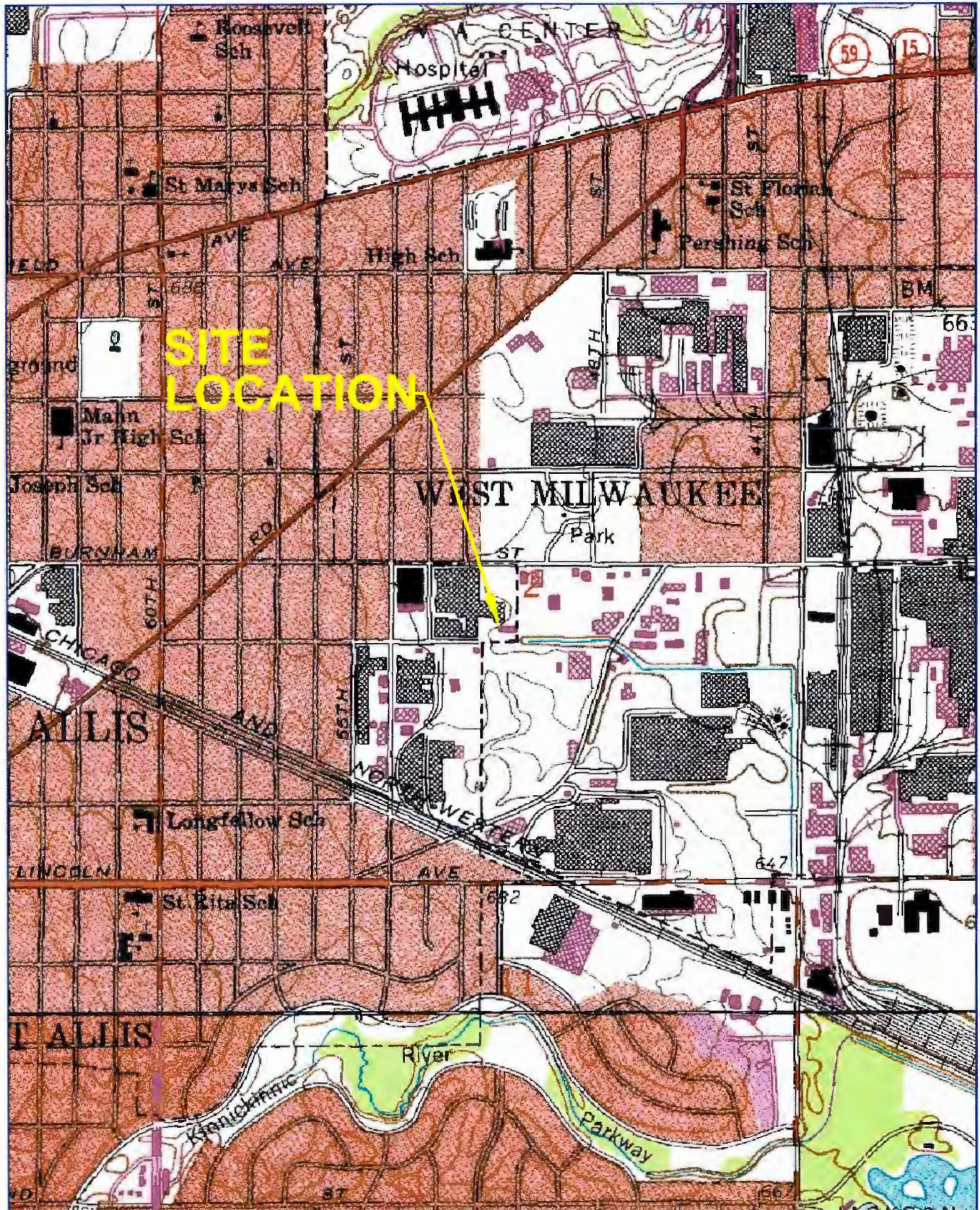
cc: Mr. Mike Pertmer, Director of Public Works  
City of West Allis 6300 West McGeoch Avenue, West Allis, WI 53219

*Appendices:*

- Appendix A: Submittal Certification
- Appendix B: Site Maps & Figures
- Appendix C: Photographs
- Appendix D: Tank Inventory Form, Closure Checklist & OSI Disposal Manifest
- Appendix E: Analytical Report & Chain of Custody

*The results of this study are based upon the professional interpretation of the information available to Kapur at this time. Kapur does not warrant that this report represents an exhaustive study of all possible environmental impacts present at the site. The report is considered adequate to address the UST system assessment for the referenced facility.*

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3-D TopoQuads Copyright © 1999 DeLorme Yarmouth, ME 04096 Source Data: USGS 350 ft Scale: 1:12,000 Detail: 1:40 Datum: WGS84



**KAPUR & ASSOCIATES, INC.**  
 CONSULTING ENGINEERS  
 MILWAUKEE, WISCONSIN  
 414.351.6668

## SITE LOCATION MAP

FIGURE  
**1**

SOURCE: USGS (1958 MILWAUKEE QUADRANGLE)

REFERENCE: U.S.G.S. 7.5 MINUTE SERIES, PHOTO REVISED 1971 & 1978

**WEST ALLIS INCINERATOR BUILDING**  
 5100 WEST ROGERS STREET, WEST ALLIS, WISCONSIN

TWP

DRM

LIF

04015.421

07/13/05



SOURCE: TERRA SERVER. COM

 **KAPUR & ASSOCIATES, INC.**  
CONSULTING ENGINEERS  
MILWAUKEE, WISCONSIN  
414.351.6668

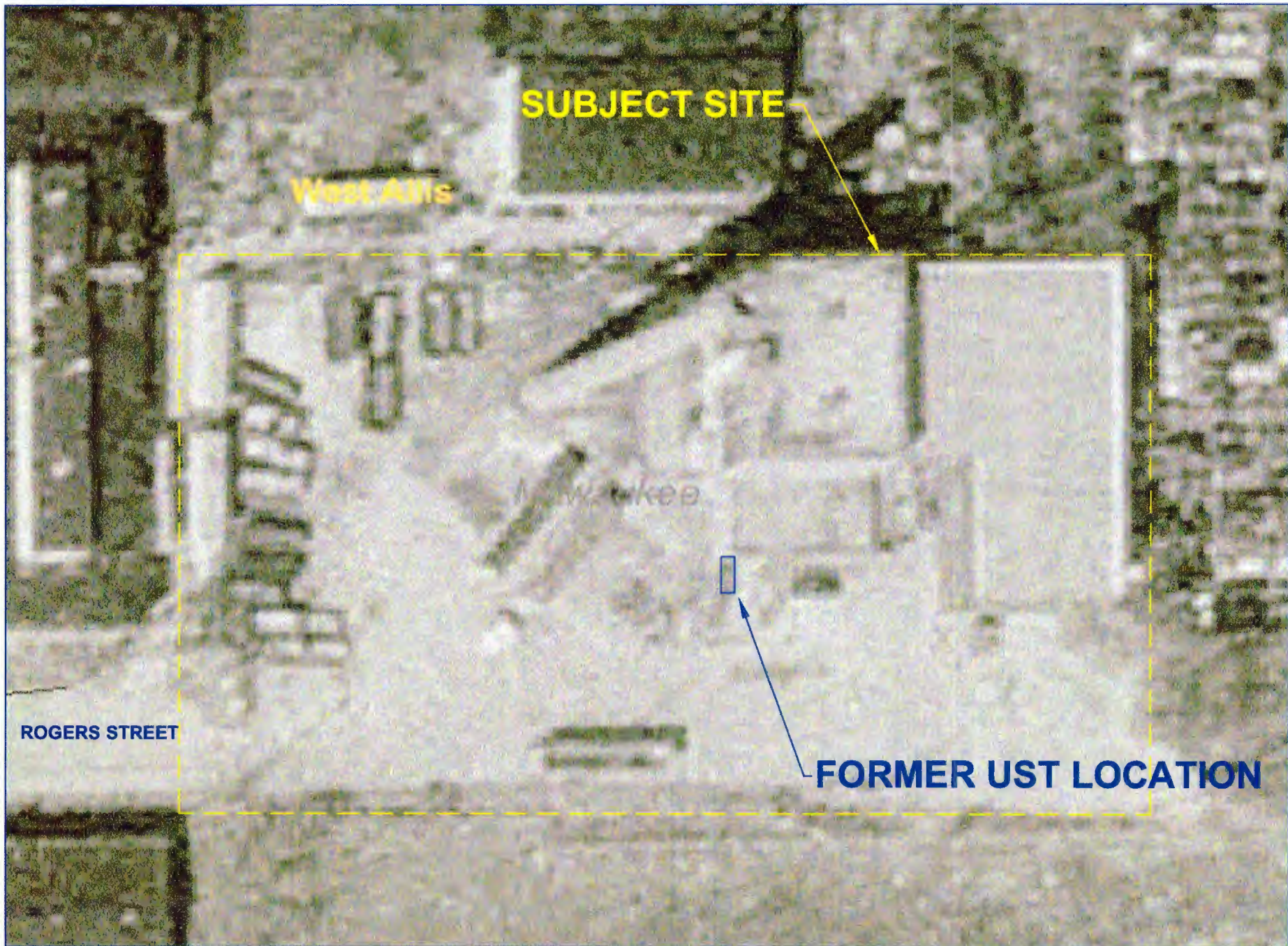
**AERIAL PHOTOGRAPH**

**WEST ALLIS INCINERATOR BUILDING**  
5100 WEST ROGERS STREET, WEST ALLIS, WISCONSIN

FIGURE  
**2**

DESIGNED BY TWP	DRAWN BY DRM	APPROVED BY LF	PROJECT NUMBER 04015.421	DATE 7/13/05	REVISED DATE
--------------------	-----------------	-------------------	-----------------------------	-----------------	--------------





SOURCE: WDNR GIS DATABASE



**KAPUR & ASSOCIATES, INC.**  
CONSULTING ENGINEERS  
MILWAUKEE, WISCONSIN  
414.351.6668

**SITE PLAN VIEW**

**WEST ALLIS INCINERATOR BUILDING**  
5100 WEST ROGERS STREET, WEST ALLIS, WISCONSIN

FIGURE

**3**

DESIGNED BY TRP	DRAWN BY DRM	APPROVED BY LJF	PROJECT NUMBER 04015.421	DATE 7/13/05	REVISIONS
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GRAVEL

CONCRETE FOUNDATION WALL

FORMER 10,000 GALLON UST

CS-4

CS-2

CS-3

CS-5

CS-1

EXTENT OF EXCAVATION

CS-6

WATER LINE

GAS LINE

WATER LINE

STORM SEWER

CS-1 = SOIL SAMPLE LOCATION AND NUMBER

SCALE = 1" = 10'

# UST EXCAVATION AND SOIL SAMPLE LOCATION MAP

FIGURE 4

**KAPUR & ASSOCIATES, INC.**  
CONSULTING ENGINEERS  
MILWAUKEE, WISCONSIN  
414.351.6668

WEST ALLIS INCINERATOR BUILDING  
5100 WEST ROGERS STREET, WEST ALLIS, WISCONSIN

DRAWN BY: TWP	CHECKED BY: DRM	APPROVED BY: LJF	PROJECT NUMBER: 04015.421	DATE: 07/13/05	REVISED DATE:
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**ATTACHMENT C**

**UST REMOVAL &  
REMEDIAL EXCAVATION PHOTOGRAPHS**

**UNDERGROUND STORAGE TANK SITE ASSESSMENT**  
**West Allis Incinerator Building**  
**5100 West Rogers Street, West Allis, Wisconsin**



**PHOTOGRAPH NO. 1:** Uncovered UST– (facing north)



**PHOTOGRAPH NO. 2:** Excavated UST – (facing northwest)

**UNDERGROUND STORAGE TANK SITE ASSESSMENT**  
**West Allis Incinerator Building**  
**5100 West Rogers Street, West Allis, Wisconsin**



**PHOTOGRAPH NO. 3:** Excavated UST Removed From Cavity –  
(facing west)



**PHOTOGRAPH NO. 4:** Soil Excavation Activities - (facing west)

**UNDERGROUND STORAGE TANK SITE ASSESSMENT**  
**West Allis Incinerator Building**  
**5100 West Rogers Street, West Allis, Wisconsin**



**PHOTOGRAPH NO. 5:** Extent of Soil Excavation – (facing northwest)

**ATTACHMENT D**

TANK INVENTORY FORM, CLOSURE CHECKLIST,  
OSI DISPOSAL MANIFEST &  
ONYX LANDFILL DISPOSAL SUMMARY

File #:

Reg Obj #:

# UNDERGROUND FLAMMABLE/COMBUSTIBLE/HAZARDOUS LIQUID STORAGE TANK REGISTRATION

Information Required By Section 101.142, Wis. Stats. Madison, WI 53707-7837

Send Completed Form To:  
Department of Commerce  
Bureau of Storage Tank Regulation  
P.O. Box 7837  
Madison, WI 53707-7837

Underground tanks in Wisconsin that have stored or currently store petroleum or regulated substances must be registered. A separate form is needed for each tank. Send each completed form to the agency designated in the top right corner. Have you previously registered this tank by submitting a form?  Yes  No. If yes, are you correcting/Updating information only?  Yes  No  
Personal information you provide may be used for secondary purposes (Privacy Law, s. 15.04 (1)(m)).

<input type="checkbox"/> In Use <input type="checkbox"/> Newly Installed <input type="checkbox"/> Abandoned with Product <input type="checkbox"/> Abandoned without Product (empty)		<input checked="" type="checkbox"/> Closed - Tank Removed <input type="checkbox"/> Closed - Filled with Inert Materials <input type="checkbox"/> Abandoned with Water <input type="checkbox"/> Temporarily Out of Service - Provide Date		<input type="checkbox"/> Ownership Change (Indicate new owner name in block 2)		Fire Department providing fire coverage where tank is located <input checked="" type="checkbox"/> City <input type="checkbox"/> Village <input type="checkbox"/> Town of: <b>WEST ALLIS</b>
<b>A. IDENTIFICATION (Please Print)</b> 1. Tank Site Name: <b>WEST ALLIS ENGINEERATOR</b> Site Street Address: <b>5100 W. ROGERS</b> State: <b>WISCONSIN</b> Zip Code: <b>53219</b> County: <b>MILWAUKEE</b>		2. Tank Owner Name: <b>CITY OF WEST ALLIS</b> Mailing Address: <b>7525 W. GREENFIELD AVE.</b> State: <b>WISCONSIN</b> Zip Code: <b>53214</b> County: <b>MILWAUKEE</b>		3. Previous Site Name: _____ Previous site address if different than #1: _____		Fire Department providing fire coverage where tank is located <input type="checkbox"/> City <input type="checkbox"/> Village <input type="checkbox"/> Town of: _____

<b>B. Site ID #:</b> _____	<b>Facility ID #:</b> _____	<b>Customer ID #:</b> _____
<b>C. Tank Capacity (gallons):</b> <b>10,000</b>	<b>Tank Age (age or date installed):</b> _____	<b>Vehicle fueling?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

<b>D. LAND OWNER TYPE (check one) Refer to back</b> <input type="checkbox"/> County <input type="checkbox"/> State <input type="checkbox"/> Federal Leased <input type="checkbox"/> Federal Owned <input type="checkbox"/> Tribal Nation <input checked="" type="checkbox"/> Municipal <input type="checkbox"/> Other Government <input type="checkbox"/> Private	
<b>E. OCCUPANCY TYPE (check one) Refer to back</b> <input type="checkbox"/> Retail Fuel Sales <input checked="" type="checkbox"/> Bulk Storage <input type="checkbox"/> Terminal Storage <input type="checkbox"/> Mercantile/Commercial <input type="checkbox"/> Industrial <input type="checkbox"/> Residential <input type="checkbox"/> School <input type="checkbox"/> Agricultural (crop or livestock production) <input type="checkbox"/> Backup or Emergency Generator <input type="checkbox"/> Gov't Fleet <input type="checkbox"/> Utility <input type="checkbox"/> Other (specify): _____	

<b>F. Tank Construction:</b> <input checked="" type="checkbox"/> Bare Steel <input type="checkbox"/> Coated Steel <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Steel - Fiberglass Reinforced Plastic Composite <input type="checkbox"/> Fiberglass <input type="checkbox"/> Unknown <input type="checkbox"/> Other (specify): _____ <input type="checkbox"/> Lined (date): _____		<b>Overfill Protection?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <b>Spill Containment?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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<b>G. Tank Cathodic Protection:</b> <input type="checkbox"/> Sacrificial Anodes <input type="checkbox"/> Impressed Current <input checked="" type="checkbox"/> N/A	<b>Tank Double Walled?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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<b>H. Primary Tank Leak Detection Method:</b> <input type="checkbox"/> Automatic tank gauging <input type="checkbox"/> Interstitial monitoring <input type="checkbox"/> Inventory control and tightness testing <input type="checkbox"/> Groundwater monitoring <input type="checkbox"/> Vapor monitoring <input type="checkbox"/> Manual tank gauging (only for tanks of 1,000 gallons or less) <input type="checkbox"/> Statistical Inventory Reconciliation (SIR) <input checked="" type="checkbox"/> Unknown	
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<b>I. Piping Construction:</b> <input type="checkbox"/> Bare Steel <input checked="" type="checkbox"/> Coated Steel <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Fiberglass <input type="checkbox"/> Flexible <input type="checkbox"/> Copper <input type="checkbox"/> Unknown <input type="checkbox"/> NA <input type="checkbox"/> Other _____	
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<b>J. Piping Cathodic Protection:</b> <input type="checkbox"/> Sacrificial Anodes <input type="checkbox"/> Impressed Current <input checked="" type="checkbox"/> N/A	<b>Pipe Double Walled?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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<b>K. Primary Piping System Type:</b> <input type="checkbox"/> Pressurized piping with → A. <input type="checkbox"/> auto shutoff; B. <input type="checkbox"/> alarm, or C. <input type="checkbox"/> flow restrictor <input type="checkbox"/> Unknown <input type="checkbox"/> Suction piping with check valve at tank <input checked="" type="checkbox"/> Suction piping with check valve at pump and inspectable <input type="checkbox"/> Not needed if waste oil	
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<b>L. Piping Leak Detection Method: (used if pressurized or check valve at tank):</b> <input type="checkbox"/> SIR <input type="checkbox"/> Tightness testing <input type="checkbox"/> Electronic line leak monitor <input type="checkbox"/> Groundwater monitoring <input type="checkbox"/> Vapor monitoring <input type="checkbox"/> Interstitial monitoring <input checked="" type="checkbox"/> Not required <input type="checkbox"/> Unknown	
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<b>M. Vapor Recovery/Stage II</b> <input type="checkbox"/> Fiberglass <input type="checkbox"/> Flexible <input type="checkbox"/> Other (specify): _____ <input type="checkbox"/> Operational - Provide Date (mo./day/yr.): _____ CARB #: _____	
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<b>N. TANK CONTENTS (Current or previous product if tank now empty)</b> <input type="checkbox"/> Diesel <input type="checkbox"/> Leaded <input type="checkbox"/> Unleaded <input type="checkbox"/> Gasohol <input type="checkbox"/> Aviation <input type="checkbox"/> Premix <input checked="" type="checkbox"/> Fuel Oil <input type="checkbox"/> Kerosene <input type="checkbox"/> Empty <input type="checkbox"/> Sand/Gravel/Slurry <input type="checkbox"/> Waste/Used Motor Oil <input type="checkbox"/> Hazardous Waste <input type="checkbox"/> Unknown <input type="checkbox"/> Chemical Name: _____ GAS #: _____ <input type="checkbox"/> Other (specify): _____	
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*If chosen, this tank is NOT PECFA eligible.		<b>Geo Latitude:</b> _____	<b>Geo Longitude:</b> _____
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<b>O. If Tank Closed, Abandoned or Out of Service</b> Give date (mo./day/yr.): <b>6/23/05</b>		<b>Has a site assessment been completed? (see reverse side for details)</b>
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<b>Owner or Operator Name (Please print):</b> <b>Steven Schaefer</b>		<b>Indicate if you are:</b> <input type="checkbox"/> Owner or <input checked="" type="checkbox"/> Operator
<b>Owner or Operator Signature (Note: By signing, signer is accepting legal and financial responsibility for the storage tank system.)</b> 		<b>Date:</b> <b>6/23/05</b>



**Complete one form for each site closure.**

**CHECKLIST FOR TANK CLOSURE**

**RETURN COMPLETED CHECKLIST TO:**

The information you provide may be used for secondary purposes [Privacy Law, s.15.04 (1)(m)].

CHECK ONE:  
 UNDERGROUND  
 ABOVEGROUND  
 FOR PORTIONS OF THE FORM THAT DO NOT APPLY, CHECK THE N/A BOX BELOW

Wisconsin Department of Commerce  
 ERS Division  
 Bureau of Storage Tank Regulation  
 P.O. Box 7837  
 Madison, WI 53707-7837

**A. IDENTIFICATION: (Please Print) Indicate whether closure is for:**  Tank System  Tank Only  Piping Only

1. Site Name <b>WEST ALLIS INCINERATOR</b>		2. Owner Name <b>CITY OF WEST ALLIS</b>	
Site Street Address (not P.O. Box) <b>5100 W. ROBBERS</b>		Owner Street Address <b>7525 W. GREENFIELD AVE.</b>	
<input checked="" type="checkbox"/> City	<input type="checkbox"/> Village	<input type="checkbox"/> Town of:	
State <b>WI</b>		State <b>WI</b>	
Zip Code <b>53219</b>		Zip Code <b>53214</b>	
County <b>MILWAUKEE</b>		County <b>MILWAUKEE</b>	
Closure Company Name (print) <b>PETROLEUM EQUIPMENT INC.</b>		Telephone No. (include area code) <b>(414) 466-3000</b>	
Closure Company Street Address <b>3950 WI DOUGLAS AVE.</b>		Closure Company City, State, Zip Code <b>MILWAUKEE WI 53209</b>	
4. Name of Company Performing Closure Assessment <b>Kapur Associates Inc.</b>		Assessment Company Street Address, City, State, Zip Code <b>7711 N. Port Washington Rd. Milwaukee WI</b>	
Telephone No. (include area code) <b>(414) 351-6668</b>	Certified Assessor Name (print) <b>Travis Peterson</b>	Assessor Signature <i>Travis Peterson</i>	Assessor Certification No. <b>264264</b>

Tank ID #	Closure	Temp. Closure	Closure in Place	Tank Capacity	Contents*	Closure Assessment
1.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10,000	FUEL OIL	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
2.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/> Y <input type="checkbox"/> N
3.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/> Y <input type="checkbox"/> N
4.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/> Y <input type="checkbox"/> N

\* Indicate which product: Diesel; Leaded; Unleaded; Fuel Oil; Gasohol; Aviation Fuel; Kerosene; Premix; Waste/Used Motor Oil; Flammable/Combustible Hazardous Waste; Chemical (indicate the chemical name(s)) \_\_\_\_\_ and CAS number(s) \_\_\_\_\_; Other \_\_\_\_\_

Written notification was provided to the local agent 15 days in advance of closure date.  Y  N  NA  
 All local permits were obtained before beginning closure.  Y  N  NA

**B. TEMPORARILY OUT OF SERVICE**

Written inspector approval of temporary closure obtained, which is effective until (provide date) \_\_\_\_\_

	Remover Verified	Inspector Verified	NA
1. Product Removed	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
a. Product lines drained into tank (or other container) and resulting liquid removed, AND	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. All product removed to bottom of suction line, OR	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. All product removed to within 1" of bottom.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2. Fill pipe, gauge pipe, tank truck vapor recovery fittings, and vapor return lines capped.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3. All product lines at the islands or pumps located elsewhere are removed and capped, OR	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4. Dispensers/pumps left in place but locked and power disconnected.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5. Vent lines left open.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6. Inventory form filed indicating temporary closure.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**C. CLOSURE BY REMOVAL**

1. Product from piping drained into tank (or other container).	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Piping disconnected from tank and removed.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. All liquid and residue removed from tank using explosion proof pumps or hand pumps.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. All pump motors and suction hoses bonded to tank or otherwise grounded.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Fill pipes, gauge pipes, vapor recovery connections, submersible pumps and other fixtures removed.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>NOTE: DROP TUBE SHOULD NOT BE REMOVED IF THE TANK IS TO BE PURGED THROUGH THE USE OF AN EDUCTOR.</b>			
6. Vent lines left connected until tanks purged.	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. Tank openings temporarily plugged so vapors exit through vent.	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Tank atmosphere reduced to 10% of the lower flammable range (LEL) - see Section F.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. Tank removed from excavation after PURGING/INERTING; placed on level ground and blocked to prevent movement.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. Tank cleaned before being removed from site.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**C. CLOSURE BY REMOVAL (continued)**

- |  | Remover<br>Verified  | Inspector<br>Verified  | NA                       |
|--|--|--|--------------------------|
| 11. Tank labeled in 2" high letters after removal but before being moved from site. ....   | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | <input type="checkbox"/> |
| <b>NOTE: COMPLETE TANK LABELING SHOULD INCLUDE WARNING AGAINST REUSE; FORMER CONTENTS; VAPOR STATE; VAPOR FREEING TREATMENT; DATE.</b> |  |  |                          |
| 12. Tank vent hole (1/8" in uppermost part of tank) installed prior to moving the tank from site. ....                                 | <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | <input type="checkbox"/> |
| 13. Form ERS-7437 or ERS-8731 filed by owner with the Dept. of Commerce indicating closure by removal.....                             | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | <input type="checkbox"/> |
| 14. Site security is provided while the excavation is open. ....   | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | <input type="checkbox"/> |

**D. CLOSURE IN PLACE**

**NOTE: CLOSURES IN PLACE ARE ONLY ALLOWED WITH THE PRIOR WRITTEN APPROVAL OF THE DEPARTMENT OF COMMERCE OR LOCAL AGENT.**

- |   |   |   |                          |                                     |
|---|---|---|--------------------------|-------------------------------------|
| 1. Product from piping drained into tank (or other container). ....   | <input type="checkbox"/> Y <input type="checkbox"/> N | <input type="checkbox"/> Y <input type="checkbox"/> N | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Piping disconnected from tank and removed. ....  | <input type="checkbox"/> Y <input type="checkbox"/> N | <input type="checkbox"/> Y <input type="checkbox"/> N | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. All liquid and residue removed from tank using explosion proof pumps or hand pumps. ....   | <input type="checkbox"/> Y <input type="checkbox"/> N | <input type="checkbox"/> Y <input type="checkbox"/> N | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. All pump motors and suction hoses bonded to tank or otherwise grounded. ....   | <input type="checkbox"/> Y <input type="checkbox"/> N | <input type="checkbox"/> Y <input type="checkbox"/> N | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Fill pipes, gauge pipes, vapor recovery connections, submersible pumps and other fixtures removed. ...                                   | <input type="checkbox"/> Y <input type="checkbox"/> N | <input type="checkbox"/> Y <input type="checkbox"/> N | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <b>NOTE: DROP TUBE SHOULD NOT BE REMOVED IF THE TANK IS TO BE PURGED THROUGH THE USE OF AN EDUCTOR - EDUCTOR OUTPUT 12 FT. ABOVE GRADE.</b> |   |   |                          |                                     |
| 6. Vent lines left connected until tanks purged. ....   | <input type="checkbox"/> Y <input type="checkbox"/> N | <input type="checkbox"/> Y <input type="checkbox"/> N | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 7. Tank openings temporarily plugged so vapors exit through vent. ....  | <input type="checkbox"/> Y <input type="checkbox"/> N | <input type="checkbox"/> Y <input type="checkbox"/> N | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 8. Tank atmosphere reduced to 10% of the lower flammable range (LEL) see Section F. ....  | <input type="checkbox"/> Y <input type="checkbox"/> N | <input type="checkbox"/> Y <input type="checkbox"/> N | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 9. Tank properly cleaned to remove all sludge and residue. ....   | <input type="checkbox"/> Y <input type="checkbox"/> N | <input type="checkbox"/> Y <input type="checkbox"/> N | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 10. Solid inert material (sand, cyclone boiler slag, pea gravel recommended) introduced and tank filled. ....                               | <input type="checkbox"/> Y <input type="checkbox"/> N | <input type="checkbox"/> Y <input type="checkbox"/> N | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 11. Vent line disconnected or removed. ....   | <input type="checkbox"/> Y <input type="checkbox"/> N | <input type="checkbox"/> Y <input type="checkbox"/> N | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 12. Inventory form filed by owner with the Department of Commerce indicating closure in place. ....   | <input type="checkbox"/> Y <input type="checkbox"/> N | <input type="checkbox"/> Y <input type="checkbox"/> N | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

**E. CLOSURE ASSESSMENTS**

**NOTE: DETERMINE IF A CLOSURE ASSESSMENT IS REQUIRED BY REFERRING TO COMM 10.**

- |  |  |   |                          |                          |
|--|--|---|--------------------------|--------------------------|
| 1. Individual conducting the assessment has a closure assessment plan (written) which is used as the basis for their work on the site. ....  | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | <input type="checkbox"/> Y <input type="checkbox"/> N | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Do points of obvious contamination exist? .....   | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | <input type="checkbox"/> Y <input type="checkbox"/> N | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Are there strong odors in the soils? .....  | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | <input type="checkbox"/> Y <input type="checkbox"/> N | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Was a field screening instrument used to pre-screen soil sample locations? .....  | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | <input type="checkbox"/> Y <input type="checkbox"/> N | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Was a closure assessment omitted because of obvious contamination? .....  | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | <input type="checkbox"/> Y <input type="checkbox"/> N | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Was the DNR notified of suspected or obvious contamination? .....   | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | <input type="checkbox"/> Y <input type="checkbox"/> N | <input type="checkbox"/> | <input type="checkbox"/> |
| Agency, office and person contacted: _____   |  |   |                          |                          |
| 7. Contamination suspected because of: <input checked="" type="checkbox"/> Odor <input checked="" type="checkbox"/> Soil Staining <input type="checkbox"/> Free Product <input type="checkbox"/> Sheen on Groundwater <input type="checkbox"/> Field Instrument Test |  |   |                          |                          |

**F. METHOD OF ACHIEVING 10% LEVEL DESCRIPTION**

- Eductor Or Diffused Air Blower  
 Eductor driven by compressed air, bonded and drop tube left in place; vapors discharged minimum of 12 feet above ground. Diffused air blower bonded and drop tube removed. Air pressure not exceeding 5 psig.
- Dry Ice  
 Dry Ice introduced at 1.5 pounds per 100 gallons of tank capacity. Dry ice crushed and distributed over the greatest possible tank area. Dry ice evaporated before proceeding.
- Inert Gas (CO<sub>2</sub> or N<sub>2</sub>) **NOTE: INERT GASSES PRODUCE AN OXYGEN DEFICIENT ATMOSPHERE. THE TANK MAY NOT BE ENTERED IN THIS STATE WITHOUT SPECIAL EQUIPMENT.**  
 Gas introduced through a single opening at a point near the bottom of the tank at the end of the tank opposite the vent. Gas introduced under low pressure not to exceed 5 psig to reduce static electricity. Gas introducing device grounded.
- Tank atmosphere monitored for flammable or combustible vapor levels.  
 Calibrate combustible gas indicator. Drop tube removed prior to checking atmosphere. Tank space monitored at bottom, middle and upper portion of tank. Readings of 10% or less of the lower flammable range (LEL) obtained before removing tank from ground.

**G. NOTE SPECIFIC PROBLEMS OR NONCOMPLIANCE ISSUES BELOW**

**H. REMOVER/CLEANER INFORMATION**

ERICH LARSEN [Signature] 41197 6-23-05  
 Remover Name (print) Remover Signature Remover Certification No. Date Signed

**I. INSPECTOR INFORMATION**

DM MacIntosh [Signature] 947764  
 Inspector Name (print) Inspector Signature Inspector Certification No.

47010 414 302-8911 6-23-05  
 FDID # For Location Where Inspection Performed Inspector Telephone Number Date Signed

**TANK INVENTORY FORM ERS-7437 or ERS-8731 SIGNED BY THE OWNER MUST BE SUBMITTED WITH EACH CLOSURE CHECKLIST**

White-Bureau of Storage Tank Regulation, Canary-Inspector, White-Owner, Pink-Remover



**MANAGEMENT CERTIFICATION  
OF PETROLEUM TANK BOTTOMS**

TO WHOM IT MAY CONCERN AT CITY OF WEST ALLIS  
(COMPANY NAME)

PLEASE BE ADVISED THAT THE TANK BOTTOMS, CONSISTING OF SLUDGE  
AND SOIL, FROM THE TANK REMOVED FROM YOUR FACILITY LOCATED  
AT 5100 W ROGERS, WEST ALLIS, WI  
(CITY) (STATE)

ON 06/21/05 HAVE BEEN PROPERLY MANAGED AND/OR  
RECYCLED WITHIN ALL REGULATORY STATUTES AND LIMITATIONS,  
INCLUDING 40CFR PART 279 AND WISCONSIN CHAPTER 590. OSI HAS  
PROCURED AND MAINTAINS THE REQUIRED PERMITTING AND  
INSURANCE. SAID MATERIAL WAS SHIPPED ON NON-HAZARDOUS  
MANIFEST # BR10-0826.

THANK YOU,

A handwritten signature in cursive script, appearing to read "Gary Schacht", is written over a horizontal line.

GARY SCHACHT  
OPERATION MANAGER

**NON-HAZARDOUS WASTE MANIFEST**

1. Generator's US EPA ID No.

Manifest Doc. No.

2. Page 1 of 1

06215

3. Generator's Name and Mailing Address

WRST ALLIS Incinerator  
5100 Rogers, West Allis WI

BR10-0826

4. Generator's Phone

5. Transporter 1 Company Name  
OSI ENVIRONMENTAL INC.

6. US EPA ID Number  
M.N.T.2.8.0.0.1.1.5.8.6

A. Transporter's Phone  
(262) 790-9300

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address  
OSI ENVIRONMENTAL INC.  
12630 W. CUSTER AVE.  
BUTLER, WI 53007

10. US EPA ID Number  
W.I.R.0.0.0.0.4.8.7.3.6

C. Facility's Phone  
(262) 790-9300

11. Waste Shipping Name and Description

a. non-hazardous, non regulated  
TANK BOTTOMS (sludge, soil)

12. Containers		13. Total Quantity	14. Unit W/Vol
No.	Type		
001	TT	00200	G

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

CONSOLID. INTO 4 DMS. FOR DISPOSAL

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: John J. Mammien  
Signature: [Signature]  
Month Day Year: 06/21/05

17. Transporter 1 Acknowledgement of Receipt of Materials  
Printed/Typed Name: Chad Hockwaert  
Signature: [Signature]  
Month Day Year: 06/21/05

18. Transporter 2 Acknowledgement of Receipt of Materials  
Printed/Typed Name: [Blank]  
Signature: [Blank]  
Month Day Year: [Blank]

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jean Werth  
Signature: [Signature]  
Month Day Year: 06/21/05

TRANSPORTER #1

GENERATOR  
TRANSPORTER  
FACILITY

Customer by Contract No Pricing  
 From: Jul 07, 2005 To: Aug 03, 2005  
 Specified Customer: 696

Facility: All Facilities		DETAILED REPORT				Report Contents: Inbound And Outbound	
Date In	Customer Name Contract Ticket Number	Vehicle	Material Description	Time In	Disposal Qty.	U/M	Waste Generator
	City of West Allis BIOEPL2005-123						
26 Jul 2005	708343	54 PET	34D@,C-Soil,Pet-Fuel Oil	8:28 am	19.01	TN	City of West Allis
26 Jul 2005	708346	2 I-KEY	34D@,C-Soil,Pet-Fuel Oil	8:34 am	23.61	TN	City of West Allis
26 Jul 2005	708347	24 BATZ	34D@,C-Soil,Pet-Fuel Oil	8:36 am	21.84	TN	City of West Allis
26 Jul 2005	708382	54 PET	34D@,C-Soil,Pet-Fuel Oil	9:39 am	20.24	TN	City of West Allis
26 Jul 2005	708388	24 BATZ	34D@,C-Soil,Pet-Fuel Oil	9:46 am	23.17	TN	City of West Allis
26 Jul 2005	708392	2 I-KEY	34D@,C-Soil,Pet-Fuel Oil	9:50 am	24.71	TN	City of West Allis
26 Jul 2005	708425	54 PET	34D@,C-Soil,Pet-Fuel Oil	10:53 am	19.60	TN	City of West Allis
26 Jul 2005	708428	24 BATZ	34D@,C-Soil,Pet-Fuel Oil	10:56 am	23.84	TN	City of West Allis
26 Jul 2005	708431	2 I-KEY	34D@,C-Soil,Pet-Fuel Oil	10:59 am	22.05	TN	City of West Allis
26 Jul 2005	708468	54 PET	34D@,C-Soil,Pet-Fuel Oil	12:01 pm	20.33	TN	City of West Allis
26 Jul 2005	708471	24 BATZ	34D@,C-Soil,Pet-Fuel Oil	12:07 pm	23.04	TN	City of West Allis
26 Jul 2005	708474	2 I-KEY	34D@,C-Soil,Pet-Fuel Oil	12:10 pm	23.80	TN	City of West Allis
26 Jul 2005	708523	24 BATZ	34D@,C-Soil,Pet-Fuel Oil	1:18 pm	22.94	TN	City of West Allis
26 Jul 2005	708526	2 I-KEY	34D@,C-Soil,Pet-Fuel Oil	1:21 pm	22.20	TN	City of West Allis
26 Jul 2005	708568	24 BATZ	34D@,C-Soil,Pet-Fuel Oil	2:31 pm	25.97	TN	City of West Allis
26 Jul 2005	708571	2 I-KEY	34D@,C-Soil,Pet-Fuel Oil	2:36 pm	23.49	TN	City of West Allis
Contract Total (16)					359.84	TN	
Customer Total (16)					359.84	TN	
Report Total (16)					359.84	TN	

**ATTACHMENT E**

**LABORATORY ANALYTICAL REPORTS &  
CHAIN OF CUSTODY**



8222 W. Calumet Rd., Milwaukee, WI 53223  
 Phone: (414) 355-5800 Fax: (414) 355-3099

Travis Peterson  
 Kapur and Associates, Inc.  
 7711 N. Port Washington Road  
 Milwaukee, WI 53217

# ORGANIC REPORT

BATCH NUMBER: 20051078  
 DATE REPORTED: 10-Aug-05  
 DATE RECEIVED: 23-Jun-05  
 SAMPLE TEMP (C): Rec On Ice  
 PROJECT ID: 04015-421  
 PROJECT NAME: West Allis Incine

Sample Number: 37550      QC Prep Batch Number: 1010088      Collection: 6/23/2005      Time: 10:15  
 Sample ID: CS-1      % Solid = 86.7 %      Sample Description:

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
Diesel Range Organics	1.649	mg/kg	1.153	3.670	1	J	WIDRO	am	7/6/2005, 7/6/2005

Sample Number: 37551      QC Prep Batch Number: 1010088      Collection: 6/23/2005      Time: 10:40  
 Sample ID: CS-2      % Solid = 87.3 %      Sample Description:

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
Diesel Range Organics	1.775	mg/kg	1.145	3.645	1	J	WIDRO	am	7/6/2005 7/6/2005

Sample Number: 37552      QC Prep Batch Number: 1010088      Collection: 6/23/2005      Time: 11:00  
 Sample ID: CS-3      % Solid = 86.7 %      Sample Description:

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
Diesel Range Organics	< 1.153	mg/kg	1.153	3.670	1		WIDRO	am	7/6/2005 / 7/6/2005

Sample Number: 37553      QC Prep Batch Number: 1010088      Collection: 6/23/2005      Time: 11:25  
 Sample ID: CS-4      % Solid = 86.8 %      Sample Description:

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
Diesel Range Organics	< 1.152	mg/kg	1.152	3.666	1		WIDRO	am	7/6/2005 7/6/2005



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 Milwaukee, WI 53217

# ORGANIC REPORT

BATCH NUMBER: 20051078  
 DATE REPORTED: 10-Aug-05  
 DATE RECEIVED: 23-Jun-05  
 SAMPLE TEMP (C): Rec On Ice  
 PROJECT ID: 04015-421  
 PROJECT NAME: West Allis Incine

Sample Number: 37554      QC Prep Batch Number: 1010088      Collection: 6/23/2005      Time: 11:50  
 Sample ID: CS-5      % Solid = 86.6 %      Sample Description:

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
Diesel Range Organics	< 1.155	mg/kg	1.155	3.674	1		WI DRO	am	7/6/2005 / 7/6/2005

Sample Number: 37555      QC Prep Batch Number: 1010088      Collection: 6/23/2005      Time: 12:25  
 Sample ID: CS-6      % Solid = 81.6 %      Sample Description:

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
Diesel Range Organics	181	mg/kg	1.225	3.899	1		WI DRO	am	7/6/2005 / 7/6/2005

Approved By: \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

RQ Comment

Quality Control Manager

*MDL: Method Detection Limit determined by 40CFR Part 136 Appendix B*  
*LOQ = 10 (S) x Dilution Factor, where "S" is the Standard Deviation from the MDL Study "e" = Estimate value, over calibration range .*  
*LOD = 3.143 (S) x Dilution Factor, where "S" is the Standard Deviation from the MDL Study*  
*PAL: Preventive Action Limit, NR 140.10 Public health related groundwater standards. "ns" = not specified*  
*RQ : Run Qualifier; "J" = Results between LOD and LOQ. "RR" = Re-extract Rerun sample, "B" = Showed in Blank sample*

*Rounding Rules: Three significant figures were used for concentrations above 99 ug/L, two significant figures for concentrations between 1-99 ug/L, and one significant figure for lower concentrations.*  
*DNR Analytical Detection Limit Guidance, April 1995.*



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# INORGANIC REPORT

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7711 N. Port Washington Road  
Milwaukee, WI 53217

INVOICE NUMBER **20051078**  
DATE REPORTED: 10-Aug-05  
DATE RECEIVED: 23-Jun-05  
SAMPLE TEMP (C): Rec On Ice  
PROJECT ID: 04015-421  
PROJECT NAME: West Allis Incinerator

Sample Number: 37550 Matrix: Soil Collection: 6/23/2005 Time: 10:15  
Sample ID: CS-1 Sample Description:

Test	Result	Units	RQ	LOD	LOQ	Method	Analyst:	Date:	QC#	Comments
Lead - ICAP	9.1	mg/kg	J DB	6.09	19.38	6010	tm	7/10/2005	1010189	
Solids, Total Percent	87	%	# RJ			SM 2540	jc/mk	6/24/2005	1009935	

Sample Number: 37551 Matrix: Soil Collection: 6/23/2005 Time: 10:40  
Sample ID: CS-2 Sample Description:

Test	Result	Units	RQ	LOD	LOQ	Method	Analyst:	Date:	QC#	Comments
Lead - ICAP	8.01	mg/kg	J DB	6.04	19.22	6010	tm	7/10/2005	1010189	
Solids, Total Percent	87	%	# RJ			SM 2540	jc/mk	6/24/2005	1009935	

Sample Number: 37552 Matrix: Soil Collection: 6/23/2005 Time: 11:00  
Sample ID: CS-3 Sample Description:

Test	Result	Units	RQ	LOD	LOQ	Method	Analyst:	Date:	QC#	Comments
Lead - ICAP	7.72	mg/kg	J DB	6.09	19.38	6010	tm	7/10/2005	1010189	
Solids, Total Percent	87	%	# RJ			SM 2540	jc/mk	6/24/2005	1009935	

Sample Number: 37553 Matrix: Soil Collection: 6/23/2005 Time: 11:25  
Sample ID: CS-4 Sample Description:

Test	Result	Units	RQ	LOD	LOQ	Method	Analyst:	Date:	QC#	Comments
Lead - ICAP	8.75	mg/kg	J DB	6.08	19.34	6010	tm	7/10/2005	1010189	
Solids, Total Percent	87	%	# RJ			SM 2540	jc/mk	6/24/2005	1009935	



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7711 N. Port Washington Road  
Milwaukee, WI 53217

INVOICE NUMBER: 20051078  
DATE REPORTED: 10-Aug-05  
DATE RECEIVED: 23-Jun-05  
SAMPLE TEMP (C): Rec On Ice  
PROJECT ID: 04015-421  
PROJECT NAME: West Allis Incinerator

Sample Number: 37554 Matrix: Soil Collection: 6/23/2005 Time: 11:50  
Sample ID: CS-5 Sample Description:

Test	Result	Units	RQ	LOD	LOQ	Method	Analyst:	Date:	QC#	Comments
Lead - ICAP	9.41	mg/kg	J DB	3.04	9.672	6010	tm	7/10/2005	1010189	
Solids, Total Percent	87	%	# RJ			SM 2540	jc/mk	6/24/2005	1009935	

Sample Number: 37555 Matrix: Soil Collection: 6/23/2005 Time: 12:25  
Sample ID: CS-6 Sample Description:

Test	Result	Units	RQ	LOD	LOQ	Method	Analyst:	Date:	QC#	Comments
Lead - ICAP	18	mg/kg	J DB	6.4	20.36	6010	tm	7/10/2005	1010189	
Solids, Total Percent	82	%	# RJ			SM 2540	jc/mk	6/24/2005	1009935	

Approved By: \_\_\_\_\_ Date: \_\_\_/\_\_\_/\_\_\_  
Quality Control Manager

RQ Comment  
DB Results expressed as dry weight.  
RJ Result expressed as Total.

MDL: Method Detection Limit determined by 40CFR Part 136 Appendix B "J" = Results between LOD and LOQ "#" = no LOD or LOQ required.  
LOQ = 10 (S) x Dilution Factor, where "S" is the Standard Deviation from the MDL Study  
LOD = 3.143 (S) x Dilution Factor, where "S" is the Standard Deviation from the MDL Study  
Rounding Rules: Three significant figures were used for concentrations above 99 ug/L, two significant figures for concentrations between 1-99 ug/L, and one significant figure for lower concentrations.  
DNR Analytical Detection Limit Guidance, April 1995.



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Travis Peterson  
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**ORGANIC REPORT**

BATCH NUMBER: 20051078  
 DATE REPORTED: 10-Aug-05  
 DATE RECEIVED: 23-Jun-05  
 SAMPLE TEMP (C): Rec On Ice  
 PROJECT ID: 04015-421  
 PROJECT NAME: West Allis Incine

Sample Number: 37550      QC Prep Batch Number: 1010156      Collection: 6/23/2005      Time: 10:15  
 Sample ID: CS-1      % Solid = 86.7 %      Sample Description:

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
1-Methylnaphthalene	< 55	ug/kg	55	175	1		8310	998093910	/
2-Methylnaphthalene	< 56	ug/kg	56	178	1		8310	998093910	/
Acenaphthene	< 37	ug/kg	37	119	1		8310	998093910	/
Acenaphthylene	< 46	ug/kg	46	147	1		8310	998093910	/
Anthracene	< 28	ug/kg	28	88	1		8310	998093910	/
Benzo (a) anthracene	< 21	ug/kg	21	67	1		8310	998093910	/
Benzo (a) pyrene	< 21	ug/kg	21	68	1		8310	998093910	/
Benzo (b) fluoranthene	< 31	ug/kg	31	100	1		8310	998093910	/
Benzo (g,h,i) perylene	< 36	ug/kg	36	116	1		8310	998093910	/
Benzo (k) fluoranthene	< 17	ug/kg	17	55	1		8310	998093910	/
Chrysene	< 27	ug/kg	27	87	1		8310	998093910	/
Dibenz (a,h) anthracene	< 37	ug/kg	37	119	1		8310	998093910	/
Fluoranthene	< 26	ug/kg	26	81	1		8310	998093910	/
Fluorene	< 45	ug/kg	45	143	1		8310	998093910	/
Indeno (1,2,3-cd) pyrene	< 35	ug/kg	35	112	1		8310	998093910	/
Naphthalene	< 56	ug/kg	56	177	1		8310	998093910	/
Phenanthrene	< 23	ug/kg	23	73	1		8310	998093910	/
Pyrene	< 23	ug/kg	23	73	1		8310	998093910	/

Sample Number: 37551      QC Prep Batch Number: 1010156      Collection: 6/23/2005      Time: 10:40  
 Sample ID: CS-2      % Solid = 87.3 %      Sample Description:

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
1-Methylnaphthalene	< 55	ug/kg	55	174	1		8310	998093910	/
2-Methylnaphthalene	< 55	ug/kg	55	176	1		8310	998093910	/
Acenaphthene	< 37	ug/kg	37	118	1		8310	998093910	/



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 7711 N. Port Washington Road  
 Milwaukee, WI 53217

## ORGANIC REPORT

BATCH NUMBER: 20051078  
 DATE REPORTED: 10-Aug-05  
 DATE RECEIVED: 23-Jun-05  
 SAMPLE TEMP (C): Rec On Ice  
 PROJECT ID: 04015-421  
 PROJECT NAME: West Allis Incine

Acenaphthylene	< 46	ug/kg	46	146	1	8310	998093910	/
Anthracene	< 27	ug/kg	27	87	1	8310	998093910	
Benzo (a) anthracene	< 21	ug/kg	21	66	1	8310	998093910	
Benzo (a) pyrene	< 21	ug/kg	21	68	1	8310	998093910	/
Benzo (b) fluoranthene	< 31	ug/kg	31	99	1	8310	998093910	/
Benzo (g,h,i) perylene	< 36	ug/kg	36	115	1	8310	998093910	/
Benzo (k) fluoranthene	< 17	ug/kg	17	55	1	8310	998093910	
Chrysene	< 27	ug/kg	27	86	1	8310	998093910	/
Dibenz (a,h) anthracene	< 37	ug/kg	37	118	1	8310	998093910	
Fluoranthene	< 25	ug/kg	25	81	1	8310	998093910	/
Fluorene	< 45	ug/kg	45	142	1	8310	998093910	
Indeno (1,2,3-cd) pyrene	< 35	ug/kg	35	112	1	8310	998093910	
Naphthalene	< 55	ug/kg	55	176	1	8310	998093910	
Phenanthrene	< 23	ug/kg	23	73	1	8310	998093910	
Pyrene	< 23	ug/kg	23	72	1	8310	998093910	

Sample Number: 37552

QC Prep Batch Number: 1010156

Collection: 6/23/2005

Time: 11:00

Sample ID: CS-3

% Solid = 86.7 %

Sample Description:

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
1-Methylnaphthalene	< 55	ug/kg	55	175	1		8310	998093910	/
2-Methylnaphthalene	< 56	ug/kg	56	178	1		8310	998093910	
Acenaphthene	< 37	ug/kg	37	119	1		8310	998093910	
Acenaphthylene	< 46	ug/kg	46	147	1		8310	998093910	/
Anthracene	< 28	ug/kg	28	88	1		8310	998093910	
Benzo (a) anthracene	< 21	ug/kg	21	67	1		8310	998093910	
Benzo (a) pyrene	< 21	ug/kg	21	68	1		8310	998093910	
Benzo (b) fluoranthene	< 31	ug/kg	31	100	1		8310	998093910	/
Benzo (g,h,i) perylene	< 36	ug/kg	36	116	1		8310	998093910	
Benzo (k) fluoranthene	< 17	ug/kg	17	55	1		8310	998093910	
Chrysene	< 27	ug/kg	27	87	1		8310	998093910	/



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 Milwaukee, WI 53217

# ORGANIC REPORT

BATCH NUMBER: 20051078  
 DATE REPORTED: 10-Aug-05  
 DATE RECEIVED: 23-Jun-05  
 SAMPLE TEMP (C): Rec On Ice  
 PROJECT ID: 04015-421  
 PROJECT NAME: West Allis Incine

Dibenz (a,h) anthracene	< 37	ug/kg	37	119	1	8310	998093910	/
Fluoranthene	< 26	ug/kg	26	81	1	8310	998093910	
Fluorene	< 45	ug/kg	45	143	1	8310	998093910	
Indeno (1,2,3-cd) pyrene	< 35	ug/kg	35	112	1	8310	998093910	/
Naphthalene	< 56	ug/kg	56	177	1	8310	998093910	/
Phenanthrene	< 23	ug/kg	23	73	1	8310	998093910	/
Pyrene	< 23	ug/kg	23	73	1	8310	998093910	

Sample Number: 37553  
 Sample ID: CS-4

QC Prep Batch Number: 1010156  
 % Solid = 86.8 %

Collection: 6/23/2005 Time: 11:25

Sample Description:

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
1-Methylnaphthalene	< 55	ug/kg	55	175	1	8310	998093910		
2-Methylnaphthalene	< 56	ug/kg	56	177	1	8310	998093910		
Acenaphthene	< 37	ug/kg	37	119	1	8310	998093910		
Acenaphthylene	< 46	ug/kg	46	147	1	8310	998093910	/	
Anthracene	< 28	ug/kg	28	88	1	8310	998093910		
Benzo (a) anthracene	< 21	ug/kg	21	67	1	8310	998093910	/	
Benzo (a) pyrene	< 21	ug/kg	21	68	1	8310	998093910		
Benzo (b) fluoranthene	< 31	ug/kg	31	100	1	8310	998093910	/	
Benzo (g,h,i) perylene	< 36	ug/kg	36	116	1	8310	998093910	/	
Benzo (k) fluoranthene	< 17	ug/kg	17	55	1	8310	998093910		
Chrysene	< 27	ug/kg	27	87	1	8310	998093910		
Dibenz (a,h) anthracene	< 37	ug/kg	37	119	1	8310	998093910	/	
Fluoranthene	< 26	ug/kg	26	81	1	8310	998093910		
Fluorene	< 45	ug/kg	45	143	1	8310	998093910		
Indeno (1,2,3-cd) pyrene	< 35	ug/kg	35	112	1	8310	998093910		
Naphthalene	< 56	ug/kg	56	177	1	8310	998093910	/	
Phenanthrene	< 23	ug/kg	23	73	1	8310	998093910		
Pyrene	< 23	ug/kg	23	73	1	8310	998093910		



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# ORGANIC REPORT

BATCH NUMBER: 20051078  
 DATE REPORTED: 10-Aug-05  
 DATE RECEIVED: 23-Jun-05  
 SAMPLE TEMP (C): Rec On Ice  
 PROJECT ID: 04015-421  
 PROJECT NAME: West Allis Incine

Sample Number: 37554

QC Prep Batch Number: 1010156

Collection: 6/23/2005

Time: 11:50

Sample ID: CS-5

% Solid = 86.6 %

Sample Description:

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
1-Methylnaphthalene	< 55	ug/kg	55	176	1		8310	998093910	/
2-Methylnaphthalene	< 56	ug/kg	56	178	1		8310	998093910	/
Acenaphthene	< 37	ug/kg	37	119	1		8310	998093910	/
Acenaphthylene	< 46	ug/kg	46	147	1		8310	998093910	/
Anthracene	< 28	ug/kg	28	88	1		8310	998093910	/
Benzo (a) anthracene	< 21	ug/kg	21	67	1		8310	998093910	/
Benzo (a) pyrene	< 21	ug/kg	21	68	1		8310	998093910	/
Benzo (b) fluoranthene	< 31	ug/kg	31	100	1		8310	998093910	/
Benzo (g,h,i) perylene	< 36	ug/kg	36	116	1		8310	998093910	/
Benzo (k) fluoranthene	< 17	ug/kg	17	55	1		8310	998093910	/
Chrysene	< 27	ug/kg	27	87	1		8310	998093910	/
Dibenz (a,h) anthracene	< 37	ug/kg	37	119	1		8310	998093910	/
Fluoranthene	< 26	ug/kg	26	82	1		8310	998093910	/
Fluorene	< 45	ug/kg	45	143	1		8310	998093910	/
Indeno (1,2,3-cd) pyrene	< 35	ug/kg	35	112	1		8310	998093910	/
Naphthalene	< 56	ug/kg	56	177	1		8310	998093910	/
Phenanthrene	< 23	ug/kg	23	73	1		8310	998093910	/
Pyrene	< 23	ug/kg	23	73	1		8310	998093910	/

Sample Number: 37555

QC Prep Batch Number: 1010098

Collection: 6/23/2005

Time: 12:25

Sample ID: CS-6

% Solid = 81.6 %

Sample Description:

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
1-Methylnaphthalene	735	ug/kg	59	186	1		8310	998093910	7/6/2005 /
2-Methylnaphthalene	994	ug/kg	59	189	1		8310	998093910	7/6/2005 /
Acenaphthene	< 40	ug/kg	40	126	1		8310	998093910	7/6/2005



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**ORGANIC REPORT**

BATCH NUMBER: 20051078  
 DATE REPORTED: 10-Aug-05  
 DATE RECEIVED: 23-Jun-05  
 SAMPLE TEMP (C): Rec On Ice  
 PROJECT ID: 04015-421  
 PROJECT NAME: West Allis Incine

Acenaphthylene	< 49	ug/kg	49	156	1	8310	998093910	7/6/2005 /
Anthracene	< 29	ug/kg	29	94	1	8310	998093910	7/6/2005
Benzo (a) anthracene	< 22	ug/kg	22	71	1	8310	998093910	7/6/2005
Benzo (a) pyrene	< 23	ug/kg	23	73	1	8310	998093910	7/6/2005 /
Benzo (b) fluoranthene	< 33	ug/kg	33	106	1	8310	998093910	7/6/2005 /
Benzo (g,h,i) perylene	< 39	ug/kg	39	123	1	8310	998093910	7/6/2005 /
Benzo (k) fluoranthene	< 18	ug/kg	18	58	1	8310	998093910	7/6/2005
Chrysene	< 29	ug/kg	29	92	1	8310	998093910	7/6/2005 /
Dibenz (a,h) anthracene	< 40	ug/kg	40	126	1	8310	998093910	7/6/2005
Fluoranthene	< 27	ug/kg	27	87	1	8310	998093910	7/6/2005 /
Fluorene	< 48	ug/kg	48	152	1	8310	998093910	7/6/2005
Indeno (1,2,3-cd) pyrene	< 38	ug/kg	38	119	1	8310	998093910	7/6/2005
Naphthalene	327	ug/kg	59	188	1	8310	998093910	7/6/2005
Phenanthrene	52	ug/kg	25	78	1	J 8310	998093910	7/6/2005
Pyrene	< 24	ug/kg	24	77	1	8310	998093910	7/6/2005



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7711 N. Port Washington Road  
Milwaukee , WI 53217

# ORGANIC REPORT

BATCH NUMBER: 20051078  
DATE REPORTED: 10-Aug-05  
DATE RECEIVED: 23-Jun-05  
SAMPLE TEMP (C): Rec On Ice  
PROJECT ID: 04015-421  
PROJECT NAME: West Allis Incine

Approved By: \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

Quality Control Manager

RQ Comment

*MDL: Method Detection Limit determined by 40CFR Part 136 Appendix B*

*LOQ = 10 (S) x Dilution Factor, where "S" is the Standard Deviation from the MDL Stu "e" = Estimate value, over calibration range .*

*LOD = 3.143 (S) x Dilution Factor, where "S" is the Standard Deviation from the MDL Study*

*PAL: Preventive Action Limit, NR 140.10 Public health related groundwater standards. "ns" = not specified*

*RQ : Run Qualifier; "J" = Results between LOD and LOQ. "RR" = Re-extract Rerun sample, "B" = Showed in Blank sample*

*Rounding Rules: Three significant figures were used for concentrations above 99 ug/L, two significant figures for concentrations between 1-99 ug/L, and one significant figure for lower concentrations.*

*DNR Analytical Detection Limit Guidance, April 1995.*



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# ORGANIC REPORT

BATCH NUMBER: 20051078  
 DATE REPORTED: 10-Aug-05  
 DATE RECEIVED: 23-Jun-05  
 SAMPLE TEMP (C): Rec On Ice  
 PROJECT ID: 04015-421  
 PROJECT NAME: West Allis Incine

Sample Number: 37550      QC Prep Batch Number: 1010146      Collection: 6/23/2005      Time: 10:15  
 Sample ID: CS-1      % Solid = 86.7 %      Sample Description:

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
1,1,1-Trichloroethane	< 848	ug/kg	848	2700	47	8260	998093910	7/6/2005	7/6/2005
1,1,2,2-Tetrachloroethane	< 1190	ug/kg	1190	3790	47	8260	998093910	7/6/2005	7/6/2005
1,1,2-Trichloroethane	< 1190	ug/kg	1190	3780	47	8260	998093910	7/6/2005	7/6/2005
1,1-Dichloroethane	< 867	ug/kg	867	2760	47	8260	998093910	7/6/2005	7/6/2005
1,1-Dichloroethene	< 926	ug/kg	926	2950	47	8260	998093910	7/6/2005	7/6/2005
1,2,3-Trichlorobenzene	< 1350	ug/kg	1350	4290	47	8260	998093910	7/6/2005	7/6/2005
1,2,4-Trichlorobenzene	< 1270	ug/kg	1270	4040	47	8260	998093910	7/6/2005	7/6/2005
1,2,4-Trimethylbenzene	< 816	ug/kg	816	2600	47	8260	998093910	7/6/2005	7/6/2005
1,2-Dibromo-3-chloropropan	< 898	ug/kg	898	2860	47	8260	998093910	7/6/2005	7/6/2005
1,2-Dichlorobenzene	< 923	ug/kg	923	2940	47	8260	998093910	7/6/2005	7/6/2005
1,2-Dichloroethane	< 941	ug/kg	941	2990	47	8260	998093910	7/6/2005	7/6/2005
1,2-Dichloropropane	< 874	ug/kg	874	2780	47	8260	998093910	7/6/2005	7/6/2005
1,3,5-Trimethylbenzene	< 932	ug/kg	932	2960	47	8260	998093910	7/6/2005	7/6/2005
1,3-Dichlorobenzene	< 706	ug/kg	706	2250	47	8260	998093910	7/6/2005	7/6/2005
1,3-Dichloropropane	< 1060	ug/kg	1060	3370	47	8260	998093910	7/6/2005	7/6/2005
1,4-Dichlorobenzene	< 966	ug/kg	966	3070	47	8260	998093910	7/6/2005	7/6/2005
2,2-Dichloropropane	< 743	ug/kg	743	2360	47	8260	998093910	7/6/2005	7/6/2005
2-Chlorotoluene	< 808	ug/kg	808	2570	47	8260	998093910	7/6/2005	7/6/2005
4-Chlorotoluene	< 716	ug/kg	716	2280	47	8260	998093910	7/6/2005	7/6/2005
Acetone	< 4200	ug/kg	4200	13400	47	8260	998093910	7/6/2005	7/6/2005
Benzene	< 730	ug/kg	730	2320	47	8260	998093910	7/6/2005	7/6/2005
Bromobenzene	< 842	ug/kg	842	2680	47	8260	998093910	7/6/2005	7/6/2005
Bromodichloromethane	< 1040	ug/kg	1040	3300	47	8260	998093910	7/6/2005	7/6/2005
Carbon tetrachloride	< 728	ug/kg	728	2320	47	8260	998093910	7/6/2005	7/6/2005
Chlorobenzene	< 706	ug/kg	706	2250	47	8260	998093910	7/6/2005	7/6/2005
Chloroethane	< 1720	ug/kg	1720	5480	47	8260	998093910	7/6/2005	7/6/2005
Chloroform	< 656	ug/kg	656	2090	47	8260	998093910	7/6/2005	7/6/2005



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**ORGANIC REPORT**

BATCH NUMBER: 20051078  
 DATE REPORTED: 10-Aug-05  
 DATE RECEIVED: 23-Jun-05  
 SAMPLE TEMP (C): Rec On Ice  
 PROJECT ID: 04015-421  
 PROJECT NAME: West Allis Incine

Chloromethane	< 1340	ug/kg	1340	4260	47	8260	998093910	7/6/2005	7/6/2005
cis-1,2-Dichloroethene	< 736	ug/kg	736	2340	47	8260	998093910	7/6/2005	7/6/2005
Dibromochloromethane	< 1100	ug/kg	1100	3510	47	8260	998093910	7/6/2005	7/6/2005
Dichlorodifluoromethane	< 722	ug/kg	722	2300	47	8260	998093910	7/6/2005	7/6/2005
Ethylbenzene	< 686	ug/kg	686	2180	47	8260	998093910	7/6/2005	7/6/2005
Hexachlorobutadiene	< 1130	ug/kg	1130	3600	47	8260	998093910	7/6/2005	7/6/2005
Isopropyl Ether	< 807	ug/kg	807	2570	47	8260	998093910	7/6/2005	7/6/2005
Isopropylbenzene	< 888	ug/kg	888	2830	47	8260	998093910	7/6/2005	7/6/2005
m&p-xylene	< 1450	ug/kg	1450	4610	47	8260	998093910	7/6/2005	7/6/2005
Methylene chloride	< 821	ug/kg	821	2610	47	8260	998093910	7/6/2005	7/6/2005
MTBE	< 1060	ug/kg	1060	3370	47	8260	998093910	7/6/2005	7/6/2005
Naphthalene	< 2040	ug/kg	2040	6510	47	8260	998093910	7/6/2005	7/6/2005
n-Butylbenzene	< 969	ug/kg	969	3080	47	8260	998093910	7/6/2005	7/6/2005
n-Propylbenzene	< 764	ug/kg	764	2430	47	8260	998093910	7/6/2005	7/6/2005
o-xylene	< 678	ug/kg	678	2160	47	8260	998093910	7/6/2005	7/6/2005
p-Isopropyltoluene	< 851	ug/kg	851	2710	47	8260	998093910	7/6/2005	7/6/2005
sec-Butylbenzene	< 914	ug/kg	914	2910	47	8260	998093910	7/6/2005	7/6/2005
tert-Butylbenzene	< 820	ug/kg	820	2610	47	8260	998093910	7/6/2005	7/6/2005
Tetrachloroethene	< 829	ug/kg	829	2640	47	8260	998093910	7/6/2005	7/6/2005
Toluene	< 790	ug/kg	790	2510	47	8260	998093910	7/6/2005	7/6/2005
trans-1,2-Dichloroethene	< 686	ug/kg	686	2180	47	8260	998093910	7/6/2005	7/6/2005
Trichloroethene	< 935	ug/kg	935	2980	47	8260	998093910	7/6/2005	7/6/2005
Trichlorofluoromethane	< 653	ug/kg	653	2080	47	8260	998093910	7/6/2005	7/6/2005
Vinyl chloride	< 579	ug/kg	579	1840	47	8260	998093910	7/6/2005	7/6/2005

Sample Number: 37551

QC Prep Batch Number: 1010146

Collection: 6/23/2005

Time: 10:40

Sample ID: CS-2

% Solid = 87.3 %

Sample Description:

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
1,1,1-Trichloroethane	< 986	ug/kg	986	3140	55	8260	998093910		7/6/2005 / 7/6/2005
1,1,1,2,2-Tetrachloroethane	< 1380	ug/kg	1380	4400	55	8260	998093910		7/6/2005 / 7/6/2005



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## ORGANIC REPORT

BATCH NUMBER: 20051078  
 DATE REPORTED: 10-Aug-05  
 DATE RECEIVED: 23-Jun-05  
 SAMPLE TEMP (C): Rec On Ice  
 PROJECT ID: 04015-421  
 PROJECT NAME: West Allis Incine

1,1,2-Trichloroethane	< 1380	ug/kg	1380	4400	55	8260	998093910	7/6/2005	7/6/2005
1,1-Dichloroethane	< 1010	ug/kg	1010	3210	55	8260	998093910	7/6/2005	7/6/2005
1,1-Dichloroethene	< 1080	ug/kg	1080	3430	55	8260	998093910	7/6/2005	7/6/2005
1,2,3-Trichlorobenzene	< 1570	ug/kg	1570	4980	55	8260	998093910	7/6/2005	7/6/2005
1,2,4-Trichlorobenzene	< 1470	ug/kg	1470	4690	55	8260	998093910	7/6/2005	7/6/2005
1,2,4-Trimethylbenzene	< 948	ug/kg	948	3020	55	8260	998093910	7/6/2005	7/6/2005
1,2-Dibromo-3-chloropropan	< 1040	ug/kg	1040	3320	55	8260	998093910	7/6/2005	7/6/2005
1,2-Dichlorobenzene	< 1070	ug/kg	1070	3410	55	8260	998093910	7/6/2005	7/6/2005
1,2-Dichloroethane	< 1090	ug/kg	1090	3480	55	8260	998093910	7/6/2005	7/6/2005
1,2-Dichloropropane	< 1020	ug/kg	1020	3230	55	8260	998093910	7/6/2005	7/6/2005
1,3,5-Trimethylbenzene	< 1080	ug/kg	1080	3450	55	8260	998093910	7/6/2005	7/6/2005
1,3-Dichlorobenzene	< 820	ug/kg	820	2610	55	8260	998093910	7/6/2005	7/6/2005
1,3-Dichloropropane	< 1230	ug/kg	1230	3910	55	8260	998093910	7/6/2005	7/6/2005
1,4-Dichlorobenzene	< 1120	ug/kg	1120	3570	55	8260	998093910	7/6/2005	7/6/2005
2,2-Dichloropropane	< 864	ug/kg	864	2750	55	8260	998093910	7/6/2005	7/6/2005
2-Chlorotoluene	< 939	ug/kg	939	2990	55	8260	998093910	7/6/2005	7/6/2005
4-Chlorotoluene	< 832	ug/kg	832	2650	55	8260	998093910	7/6/2005	7/6/2005
Acetone	< 4880	ug/kg	4880	15500	55	8260	998093910	7/6/2005	7/6/2005
Benzene	< 848	ug/kg	848	2700	55	8260	998093910	7/6/2005	7/6/2005
Bromobenzene	< 978	ug/kg	978	3110	55	8260	998093910	7/6/2005	7/6/2005
Bromodichloromethane	< 1210	ug/kg	1210	3840	55	8260	998093910	7/6/2005	7/6/2005
Carbon tetrachloride	< 846	ug/kg	846	2690	55	8260	998093910	7/6/2005	7/6/2005
Chlorobenzene	< 820	ug/kg	820	2610	55	8260	998093910	7/6/2005	7/6/2005
Chloroethane	< 2000	ug/kg	2000	6370	55	8260	998093910	7/6/2005	7/6/2005
Chloroform	< 762	ug/kg	762	2430	55	8260	998093910	7/6/2005	7/6/2005
Chloromethane	< 1550	ug/kg	1550	4950	55	8260	998093910	7/6/2005	7/6/2005
cis-1,2-Dichloroethene	< 855	ug/kg	855	2720	55	8260	998093910	7/6/2005	7/6/2005
Dibromochloromethane	< 1280	ug/kg	1280	4080	55	8260	998093910	7/6/2005	7/6/2005
Dichlorodifluoromethane	< 839	ug/kg	839	2670	55	8260	998093910	7/6/2005	7/6/2005
Ethylbenzene	< 797	ug/kg	797	2540	55	8260	998093910	7/6/2005	7/6/2005
Hexachlorobutadiene	< 1320	ug/kg	1320	4190	55	8260	998093910	7/6/2005	7/6/2005
Isopropyl Ether	< 937	ug/kg	937	2980	55	8260	998093910	7/6/2005	7/6/2005
Isopropylbenzene	< 1030	ug/kg	1030	3280	55	8260	998093910	7/6/2005	7/6/2005



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# ORGANIC REPORT

BATCH NUMBER: 20051078  
 DATE REPORTED: 10-Aug-05  
 DATE RECEIVED: 23-Jun-05  
 SAMPLE TEMP (C): Rec On Ice  
 PROJECT ID: 04015-421  
 PROJECT NAME: West Allis Incine

m&p-xylene	< 1680	ug/kg	1680	5360	55	8260	998093910	7/6/2005	7/6/2005
Methylene chloride	< 954	ug/kg	954	3040	55	8260	998093910	7/6/2005	7/6/2005
MTBE	< 1230	ug/kg	1230	3920	55	8260	998093910	7/6/2005	7/6/2005
Naphthalene	< 2380	ug/kg	2380	7560	55	8260	998093910	7/6/2005	7/6/2005
n-Butylbenzene	< 1130	ug/kg	1130	3580	55	8260	998093910	7/6/2005	7/6/2005
n-Propylbenzene	< 888	ug/kg	888	2820	55	8260	998093910	7/6/2005	7/6/2005
o-xylene	< 788	ug/kg	788	2510	55	8260	998093910	7/6/2005	7/6/2005
p-Isopropyltoluene	< 988	ug/kg	988	3150	55	8260	998093910	7/6/2005	7/6/2005
sec-Butylbenzene	< 1060	ug/kg	1060	3380	55	8260	998093910	7/6/2005	7/6/2005
tert-Butylbenzene	< 953	ug/kg	953	3030	55	8260	998093910	7/6/2005	7/6/2005
Tetrachloroethene	< 963	ug/kg	963	3060	55	8260	998093910	7/6/2005	7/6/2005
Toluene	< 918	ug/kg	918	2920	55	8260	998093910	7/6/2005	7/6/2005
trans-1,2-Dichloroethene	< 798	ug/kg	798	2540	55	8260	998093910	7/6/2005	7/6/2005
Trichloroethene	< 1090	ug/kg	1090	3460	55	8260	998093910	7/6/2005	7/6/2005
Trichlorofluoromethane	< 759	ug/kg	759	2410	55	8260	998093910	7/6/2005	7/6/2005
Vinyl chloride	< 673	ug/kg	673	2140	55	8260	998093910	7/6/2005	7/6/2005

Sample Number: 37552  
 Sample ID: CS-3

QC Prep Batch Number: 1010146  
 % Solid = 86.7 %

Collection: 6/23/2005 Time: 11:00

Sample Description:

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date	
									Extract/	Analyzed
1,1,1-Trichloroethane	< 839	ug/kg	839	2670	46.5	8260	998093910	7/6/2005	7/6/2005	
1,1,2,2-Tetrachloroethane	< 1180	ug/kg	1180	3750	46.5	8260	998093910	7/6/2005	7/6/2005	
1,1,2-Trichloroethane	< 1180	ug/kg	1180	3740	46.5	8260	998093910	7/6/2005	7/6/2005	
1,1-Dichloroethane	< 858	ug/kg	858	2730	46.5	8260	998093910	7/6/2005	7/6/2005	
1,1-Dichloroethene	< 917	ug/kg	917	2920	46.5	8260	998093910	7/6/2005	7/6/2005	
1,2,3-Trichlorobenzene	< 1330	ug/kg	1330	4240	46.5	8260	998093910	7/6/2005	7/6/2005	
1,2,4-Trichlorobenzene	< 1260	ug/kg	1260	3990	46.5	8260	998093910	7/6/2005	7/6/2005	
1,2,4-Trimethylbenzene	< 807	ug/kg	807	2570	46.5	8260	998093910	7/6/2005	7/6/2005	
1,2-Dibromo-3-chloropropan	< 889	ug/kg	889	2830	46.5	8260	998093910	7/6/2005	7/6/2005	
1,2-Dichlorobenzene	< 913	ug/kg	913	2910	46.5	8260	998093910	7/6/2005	7/6/2005	



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# ORGANIC REPORT

BATCH NUMBER: 20051078  
 DATE REPORTED: 10-Aug-05  
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 SAMPLE TEMP (C): Rec On Ice  
 PROJECT ID: 04015-421  
 PROJECT NAME: West Allis Incine

1,2-Dichloroethane	< 931	ug/kg	931	2960	46.5	8260	998093910	7/6/2005 /	7/6/2005
1,2-Dichloropropane	< 865	ug/kg	865	2750	46.5	8260	998093910	7/6/2005	7/6/2005
1,3,5-Trimethylbenzene	< 922	ug/kg	922	2930	46.5	8260	998093910	7/6/2005	7/6/2005
1,3-Dichlorobenzene	< 698	ug/kg	698	2220	46.5	8260	998093910	7/6/2005 /	7/6/2005
1,3-Dichloropropane	< 1050	ug/kg	1050	3330	46.5	8260	998093910	7/6/2005 /	7/6/2005
1,4-Dichlorobenzene	< 956	ug/kg	956	3040	46.5	8260	998093910	7/6/2005 /	7/6/2005
2,2-Dichloropropane	< 735	ug/kg	735	2340	46.5	8260	998093910	7/6/2005	7/6/2005
2-Chlorotoluene	< 799	ug/kg	799	2540	46.5	8260	998093910	7/6/2005 /	7/6/2005
4-Chlorotoluene	< 708	ug/kg	708	2250	46.5	8260	998093910	7/6/2005	7/6/2005
Acetone	< 4160	ug/kg	4160	13200	46.5	8260	998093910	7/6/2005 /	7/6/2005
Benzene	< 722	ug/kg	722	2300	46.5	8260	998093910	7/6/2005	7/6/2005
Bromobenzene	< 833	ug/kg	833	2650	46.5	8260	998093910	7/6/2005	7/6/2005
Bromodichloromethane	< 1030	ug/kg	1030	3270	46.5	8260	998093910	7/6/2005	7/6/2005
Carbon tetrachloride	< 720	ug/kg	720	2290	46.5	8260	998093910	7/6/2005	7/6/2005
Chlorobenzene	< 698	ug/kg	698	2220	46.5	8260	998093910	7/6/2005	7/6/2005
Chloroethane	< 1700	ug/kg	1700	5420	46.5	8260	998093910	7/6/2005 /	7/6/2005
Chloroform	< 649	ug/kg	649	2060	46.5	8260	998093910	7/6/2005	7/6/2005
Chloromethane	< 1320	ug/kg	1320	4210	46.5	8260	998093910	7/6/2005	7/6/2005
cis-1,2-Dichloroethene	< 728	ug/kg	728	2320	46.5	8260	998093910	7/6/2005	7/6/2005
Dibromochloromethane	< 1090	ug/kg	1090	3470	46.5	8260	998093910	7/6/2005 /	7/6/2005
Dichlorodifluoromethane	< 714	ug/kg	714	2270	46.5	8260	998093910	7/6/2005 /	7/6/2005
Ethylbenzene	< 678	ug/kg	678	2160	46.5	8260	998093910	7/6/2005	7/6/2005
Hexachlorobutadiene	< 1120	ug/kg	1120	3570	46.5	8260	998093910	7/6/2005	7/6/2005
Isopropyl Ether	< 798	ug/kg	798	2540	46.5	8260	998093910	7/6/2005	7/6/2005
Isopropylbenzene	< 879	ug/kg	879	2800	46.5	8260	998093910	7/6/2005	7/6/2005
m&p-xylene	< 1430	ug/kg	1430	4560	46.5	8260	998093910	7/6/2005	7/6/2005
Methylene chloride	< 813	ug/kg	813	2590	46.5	8260	998093910	7/6/2005	7/6/2005
MTBE	< 1050	ug/kg	1050	3330	46.5	8260	998093910	7/6/2005 /	7/6/2005
Naphthalene	< 2020	ug/kg	2020	6440	46.5	8260	998093910	7/6/2005	7/6/2005
n-Butylbenzene	< 959	ug/kg	959	3050	46.5	8260	998093910	7/6/2005	7/6/2005
n-Propylbenzene	< 756	ug/kg	756	2400	46.5	8260	998093910	7/6/2005 /	7/6/2005
o-xylene	< 671	ug/kg	671	2130	46.5	8260	998093910	7/6/2005 /	7/6/2005
p-Isopropyltoluene	< 842	ug/kg	842	2680	46.5	8260	998093910	7/6/2005 /	7/6/2005



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Travis Peterson  
 Kapur and Associates, Inc.  
 7711 N. Port Washington Road  
 Milwaukee, WI 53217

# ORGANIC REPORT

BATCH NUMBER: 20051078  
 DATE REPORTED: 10-Aug-05  
 DATE RECEIVED: 23-Jun-05  
 SAMPLE TEMP (C): Rec On Ice  
 PROJECT ID: 04015-421  
 PROJECT NAME: West Allis Incine

sec-Butylbenzene	< 904	ug/kg	904	2880	46.5	8260	998093910	7/6/2005	7/6/2005
tert-Butylbenzene	< 811	ug/kg	811	2580	46.5	8260	998093910	7/6/2005	7/6/2005
Tetrachloroethene	< 820	ug/kg	820	2610	46.5	8260	998093910	7/6/2005	7/6/2005
Toluene	< 781	ug/kg	781	2490	46.5	8260	998093910	7/6/2005	7/6/2005
trans-1,2-Dichloroethene	< 679	ug/kg	679	2160	46.5	8260	998093910	7/6/2005	7/6/2005
Trichloroethene	< 925	ug/kg	925	2940	46.5	8260	998093910	7/6/2005	7/6/2005
Trichlorofluoromethane	< 646	ug/kg	646	2050	46.5	8260	998093910	7/6/2005	7/6/2005
Vinyl chloride	< 573	ug/kg	573	1820	46.5	8260	998093910	7/6/2005	7/6/2005

Sample Number: 37553  
 Sample ID: CS-4

QC Prep Batch Number: 1010146  
 % Solid = 86.8 %

Collection: 6/23/2005  
 Time: 11:25  
 Sample Description:

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
1,1,1-Trichloroethane	< 829	ug/kg	829	2640	46	8260	998093910	7/6/2005	7/6/2005
1,1,2,2-Tetrachloroethane	< 1160	ug/kg	1160	3700	46	8260	998093910	7/6/2005	7/6/2005
1,1,2-Trichloroethane	< 1160	ug/kg	1160	3700	46	8260	998093910	7/6/2005	7/6/2005
1,1-Dichloroethane	< 848	ug/kg	848	2700	46	8260	998093910	7/6/2005	7/6/2005
1,1-Dichloroethene	< 906	ug/kg	906	2880	46	8260	998093910	7/6/2005	7/6/2005
1,2,3-Trichlorobenzene	< 1320	ug/kg	1320	4190	46	8260	998093910	7/6/2005	7/6/2005
1,2,4-Trichlorobenzene	< 1240	ug/kg	1240	3950	46	8260	998093910	7/6/2005	7/6/2005
1,2,4-Trimethylbenzene	< 798	ug/kg	798	2540	46	8260	998093910	7/6/2005	7/6/2005
1,2-Dibromo-3-chloropropan	< 878	ug/kg	878	2790	46	8260	998093910	7/6/2005	7/6/2005
1,2-Dichlorobenzene	< 903	ug/kg	903	2870	46	8260	998093910	7/6/2005	7/6/2005
1,2-Dichloroethane	< 919	ug/kg	919	2930	46	8260	998093910	7/6/2005	7/6/2005
1,2-Dichloropropane	< 854	ug/kg	854	2720	46	8260	998093910	7/6/2005	7/6/2005
1,3,5-Trimethylbenzene	< 911	ug/kg	911	2900	46	8260	998093910	7/6/2005	7/6/2005
1,3-Dichlorobenzene	< 690	ug/kg	690	2200	46	8260	998093910	7/6/2005	7/6/2005
1,3-Dichloropropane	< 1030	ug/kg	1030	3290	46	8260	998093910	7/6/2005	7/6/2005
1,4-Dichlorobenzene	< 944	ug/kg	944	3000	46	8260	998093910	7/6/2005	7/6/2005
2,2-Dichloropropane	< 727	ug/kg	727	2310	46	8260	998093910	7/6/2005	7/6/2005
2-Chlorotoluene	< 790	ug/kg	790	2510	46	8260	998093910	7/6/2005	7/6/2005



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# ORGANIC REPORT

BATCH NUMBER: 20051078  
 DATE REPORTED: 10-Aug-05  
 DATE RECEIVED: 23-Jun-05  
 SAMPLE TEMP (C): Rec On Ice  
 PROJECT ID: 04015-421  
 PROJECT NAME: West Allis Incine

4-Chlorotoluene	< 700	ug/kg	700	2230	46	8260	998093910	7/6/2005	7/6/2005
Acetone	< 4110	ug/kg	4110	13100	46	8260	998093910	7/6/2005	7/6/2005
Benzene	< 713	ug/kg	713	2270	46	8260	998093910	7/6/2005	7/6/2005
Bromobenzene	< 823	ug/kg	823	2620	46	8260	998093910	7/6/2005	7/6/2005
Bromodichloromethane	< 1010	ug/kg	1010	3230	46	8260	998093910	7/6/2005	7/6/2005
Carbon tetrachloride	< 712	ug/kg	712	2260	46	8260	998093910	7/6/2005	7/6/2005
Chlorobenzene	< 690	ug/kg	690	2200	46	8260	998093910	7/6/2005	7/6/2005
Chloroethane	< 1680	ug/kg	1680	5360	46	8260	998093910	7/6/2005	7/6/2005
Chloroform	< 641	ug/kg	641	2040	46	8260	998093910	7/6/2005	7/6/2005
Chloromethane	< 1310	ug/kg	1310	4160	46	8260	998093910	7/6/2005	7/6/2005
cis-1,2-Dichloroethene	< 719	ug/kg	719	2290	46	8260	998093910	7/6/2005	7/6/2005
Dibromochloromethane	< 1080	ug/kg	1080	3430	46	8260	998093910	7/6/2005	7/6/2005
Dichlorodifluoromethane	< 705	ug/kg	705	2240	46	8260	998093910	7/6/2005	7/6/2005
Ethylbenzene	< 670	ug/kg	670	2130	46	8260	998093910	7/6/2005	7/6/2005
Hexachlorobutadiene	< 1110	ug/kg	1110	3520	46	8260	998093910	7/6/2005	7/6/2005
Isopropyl Ether	< 789	ug/kg	789	2510	46	8260	998093910	7/6/2005	7/6/2005
Isopropylbenzene	< 868	ug/kg	868	2760	46	8260	998093910	7/6/2005	7/6/2005
m&p-xylene	< 1420	ug/kg	1420	4510	46	8260	998093910	7/6/2005	7/6/2005
Methylene chloride	< 803	ug/kg	803	2550	46	8260	998093910	7/6/2005	7/6/2005
MTBE	< 1040	ug/kg	1040	3290	46	8260	998093910	7/6/2005	7/6/2005
Naphthalene	< 2000	ug/kg	2000	6360	46	8260	998093910	7/6/2005	7/6/2005
n-Butylbenzene	< 948	ug/kg	948	3010	46	8260	998093910	7/6/2005	7/6/2005
n-Propylbenzene	< 747	ug/kg	747	2380	46	8260	998093910	7/6/2005	7/6/2005
o-xylene	< 663	ug/kg	663	2110	46	8260	998093910	7/6/2005	7/6/2005
p-Isopropyltoluene	< 831	ug/kg	831	2650	46	8260	998093910	7/6/2005	7/6/2005
sec-Butylbenzene	< 894	ug/kg	894	2840	46	8260	998093910	7/6/2005	7/6/2005
tert-Butylbenzene	< 801	ug/kg	801	2550	46	8260	998093910	7/6/2005	7/6/2005
Tetrachloroethene	< 810	ug/kg	810	2580	46	8260	998093910	7/6/2005	7/6/2005
Toluene	< 772	ug/kg	772	2460	46	8260	998093910	7/6/2005	7/6/2005
trans-1,2-Dichloroethene	< 671	ug/kg	671	2130	46	8260	998093910	7/6/2005	7/6/2005
Trichloroethene	< 914	ug/kg	914	2910	46	8260	998093910	7/6/2005	7/6/2005
Trichlorofluoromethane	< 638	ug/kg	638	2030	46	8260	998093910	7/6/2005	7/6/2005
Vinyl chloride	< 566	ug/kg	566	1800	46	8260	998093910	7/6/2005	7/6/2005



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Travis Peterson  
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 Milwaukee, WI 53217

# ORGANIC REPORT

BATCH NUMBER: 20051078  
 DATE REPORTED: 10-Aug-05  
 DATE RECEIVED: 23-Jun-05  
 SAMPLE TEMP (C): Rec On Ice  
 PROJECT ID: 04015-421  
 PROJECT NAME: West Allis Incine

Sample Number: 37554      QC Prep Batch Number: 1010146      Collection: 6/23/2005      Time: 11:50  
 Sample ID: CS-5      % Solid = 86.6 %      Sample Description:

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date	
									Extract/Analyzed	
1,1,1-Trichloroethane	< 840	ug/kg	840	2670	46.5	8260	998093910	7/6/2005 /	7/6/2005	
1,1,2,2-Tetrachloroethane	< 1180	ug/kg	1180	3750	46.5	8260	998093910	7/6/2005 /	7/6/2005	
1,1,2-Trichloroethane	< 1180	ug/kg	1180	3750	46.5	8260	998093910	7/6/2005 /	7/6/2005	
1,1-Dichloroethane	< 859	ug/kg	859	2730	46.5	8260	998093910	7/6/2005 /	7/6/2005	
1,1-Dichloroethene	< 918	ug/kg	918	2920	46.5	8260	998093910	7/6/2005 /	7/6/2005	
1,2,3-Trichlorobenzene	< 1330	ug/kg	1330	4250	46.5	8260	998093910	7/6/2005 /	7/6/2005	
1,2,4-Trichlorobenzene	< 1260	ug/kg	1260	4000	46.5	8260	998093910	7/6/2005 /	7/6/2005	
1,2,4-Trimethylbenzene	< 808	ug/kg	808	2570	46.5	8260	998093910	7/6/2005 /	7/6/2005	
1,2-Dibromo-3-chloropropan	< 890	ug/kg	890	2830	46.5	8260	998093910	7/6/2005 /	7/6/2005	
1,2-Dichlorobenzene	< 914	ug/kg	914	2910	46.5	8260	998093910	7/6/2005 /	7/6/2005	
1,2-Dichloroethane	< 932	ug/kg	932	2960	46.5	8260	998093910	7/6/2005 /	7/6/2005	
1,2-Dichloropropane	< 866	ug/kg	866	2750	46.5	8260	998093910	7/6/2005 /	7/6/2005	
1,3,5-Trimethylbenzene	< 923	ug/kg	923	2940	46.5	8260	998093910	7/6/2005 /	7/6/2005	
1,3-Dichlorobenzene	< 699	ug/kg	699	2220	46.5	8260	998093910	7/6/2005 /	7/6/2005	
1,3-Dichloropropane	< 1050	ug/kg	1050	3330	46.5	8260	998093910	7/6/2005 /	7/6/2005	
1,4-Dichlorobenzene	< 957	ug/kg	957	3040	46.5	8260	998093910	7/6/2005 /	7/6/2005	
2,2-Dichloropropane	< 736	ug/kg	736	2340	46.5	8260	998093910	7/6/2005 /	7/6/2005	
2-Chlorotoluene	< 800	ug/kg	800	2550	46.5	8260	998093910	7/6/2005 /	7/6/2005	
4-Chlorotoluene	< 709	ug/kg	709	2260	46.5	8260	998093910	7/6/2005 /	7/6/2005	
Acetone	< 4160	ug/kg	4160	13200	46.5	8260	998093910	7/6/2005 /	7/6/2005	
Benzene	< 723	ug/kg	723	2300	46.5	8260	998093910	7/6/2005 /	7/6/2005	
Bromobenzene	< 834	ug/kg	834	2650	46.5	8260	998093910	7/6/2005 /	7/6/2005	
Bromodichloromethane	< 1030	ug/kg	1030	3270	46.5	8260	998093910	7/6/2005 /	7/6/2005	
Carbon tetrachloride	< 721	ug/kg	721	2290	46.5	8260	998093910	7/6/2005 /	7/6/2005	
Chlorobenzene	< 699	ug/kg	699	2220	46.5	8260	998093910	7/6/2005 /	7/6/2005	
Chloroethane	< 1710	ug/kg	1710	5430	46.5	8260	998093910	7/6/2005 /	7/6/2005	



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 Milwaukee, WI 53217

# ORGANIC REPORT

BATCH NUMBER: 20051078  
 DATE REPORTED: 10-Aug-05  
 DATE RECEIVED: 23-Jun-05  
 SAMPLE TEMP (C): Rec On Ice  
 PROJECT ID: 04015-421  
 PROJECT NAME: West Allis Incine

Chloroform	< 650	ug/kg	650	2070	46.5	8260	998093910	7/6/2005	7/6/2005
Chloromethane	< 1320	ug/kg	1320	4210	46.5	8260	998093910	7/6/2005	7/6/2005
cis-1,2-Dichloroethene	< 729	ug/kg	729	2320	46.5	8260	998093910	7/6/2005	7/6/2005
Dibromochloromethane	< 1090	ug/kg	1090	3480	46.5	8260	998093910	7/6/2005	7/6/2005
Dichlorodifluoromethane	< 715	ug/kg	715	2270	46.5	8260	998093910	7/6/2005	7/6/2005
Ethylbenzene	< 679	ug/kg	679	2160	46.5	8260	998093910	7/6/2005	7/6/2005
Hexachlorobutadiene	< 1120	ug/kg	1120	3570	46.5	8260	998093910	7/6/2005	7/6/2005
Isopropyl Ether	< 799	ug/kg	799	2540	46.5	8260	998093910	7/6/2005	7/6/2005
Isopropylbenzene	< 880	ug/kg	880	2800	46.5	8260	998093910	7/6/2005	7/6/2005
m&p-xylene	< 1430	ug/kg	1430	4560	46.5	8260	998093910	7/6/2005	7/6/2005
Methylene chloride	< 813	ug/kg	813	2590	46.5	8260	998093910	7/6/2005	7/6/2005
MTBE	< 1050	ug/kg	1050	3340	46.5	8260	998093910	7/6/2005	7/6/2005
Naphthalene	< 2030	ug/kg	2030	6440	46.5	8260	998093910	7/6/2005	7/6/2005
n-Butylbenzene	< 960	ug/kg	960	3050	46.5	8260	998093910	7/6/2005	7/6/2005
n-Propylbenzene	< 757	ug/kg	757	2410	46.5	8260	998093910	7/6/2005	7/6/2005
o-xylene	< 672	ug/kg	672	2140	46.5	8260	998093910	7/6/2005	7/6/2005
p-Isopropyltoluene	< 842	ug/kg	842	2680	46.5	8260	998093910	7/6/2005	7/6/2005
sec-Butylbenzene	< 905	ug/kg	905	2880	46.5	8260	998093910	7/6/2005	7/6/2005
tert-Butylbenzene	< 812	ug/kg	812	2580	46.5	8260	998093910	7/6/2005	7/6/2005
Tetrachloroethene	< 821	ug/kg	821	2610	46.5	8260	998093910	7/6/2005	7/6/2005
Toluene	< 782	ug/kg	782	2490	46.5	8260	998093910	7/6/2005	7/6/2005
trans-1,2-Dichloroethene	< 680	ug/kg	680	2160	46.5	8260	998093910	7/6/2005	7/6/2005
Trichloroethene	< 926	ug/kg	926	2950	46.5	8260	998093910	7/6/2005	7/6/2005
Trichlorofluoromethane	< 646	ug/kg	646	2060	46.5	8260	998093910	7/6/2005	7/6/2005
Vinyl chloride	< 573	ug/kg	573	1820	46.5	8260	998093910	7/6/2005	7/6/2005

Sample Number: 37555

QC Prep Batch Number: 1010146

Collection: 6/23/2005

Time: 12:25

Sample ID: CS-6

% Solid = 81.6 %

Sample Description:

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
1,1,1-Trichloroethane	< 19	ug/kg	19	61	1		8260	998093910	7/6/2005 / 7/6/2005



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# ORGANIC REPORT

BATCH NUMBER: 20051078  
 DATE REPORTED: 10-Aug-05  
 DATE RECEIVED: 23-Jun-05  
 SAMPLE TEMP (C): Rec On Ice  
 PROJECT ID: 04015-421  
 PROJECT NAME: West Allis Incine

1,1,2,2-Tetrachloroethane	< 27	ug/kg	27	86	1	8260	998093910	7/6/2005 /	7/6/2005
1,1,2-Trichloroethane	< 27	ug/kg	27	86	1	8260	998093910	7/6/2005	7/6/2005
1,1-Dichloroethane	< 20	ug/kg	20	62	1	8260	998093910	7/6/2005	7/6/2005
1,1-Dichloroethene	< 21	ug/kg	21	67	1	8260	998093910	7/6/2005 /	7/6/2005
1,2,3-Trichlorobenzene	< 30	ug/kg	30	97	1	8260	998093910	7/6/2005 /	7/6/2005
1,2,4-Trichlorobenzene	< 29	ug/kg	29	91	1	8260	998093910	7/6/2005 /	7/6/2005
1,2,4-Trimethylbenzene	< 18	ug/kg	18	59	1	8260	998093910	7/6/2005	7/6/2005
1,2-Dibromo-3-chloropropan	< 20	ug/kg	20	65	1	8260	998093910	7/6/2005 /	7/6/2005
1,2-Dichlorobenzene	< 21	ug/kg	21	66	1	8260	998093910	7/6/2005	7/6/2005
1,2-Dichloroethane	< 21	ug/kg	21	68	1	8260	998093910	7/6/2005 /	7/6/2005
1,2-Dichloropropane	< 20	ug/kg	20	63	1	8260	998093910	7/6/2005	7/6/2005
1,3,5-Trimethylbenzene	< 21	ug/kg	21	67	1	8260	998093910	7/6/2005	7/6/2005
1,3-Dichlorobenzene	< 16	ug/kg	16	51	1	8260	998093910	7/6/2005	7/6/2005
1,3-Dichloropropane	< 24	ug/kg	24	76	1	8260	998093910	7/6/2005	7/6/2005
1,4-Dichlorobenzene	< 22	ug/kg	22	69	1	8260	998093910	7/6/2005	7/6/2005
2,2-Dichloropropane	< 17	ug/kg	17	53	1	8260	998093910	7/6/2005 /	7/6/2005
2-Chlorotoluene	< 18	ug/kg	18	58	1	8260	998093910	7/6/2005	7/6/2005
4-Chlorotoluene	< 16	ug/kg	16	51	1	8260	998093910	7/6/2005	7/6/2005
Acetone	< 95	ug/kg	95	302	1	8260	998093910	7/6/2005	7/6/2005
Benzene	< 16	ug/kg	16	52	1	8260	998093910	7/6/2005 /	7/6/2005
Bromobenzene	< 19	ug/kg	19	61	1	8260	998093910	7/6/2005 /	7/6/2005
Bromodichloromethane	< 23	ug/kg	23	75	1	8260	998093910	7/6/2005	7/6/2005
Carbon tetrachloride	< 16	ug/kg	16	52	1	8260	998093910	7/6/2005	7/6/2005
Chlorobenzene	< 16	ug/kg	16	51	1	8260	998093910	7/6/2005	7/6/2005
Chloroethane	< 39	ug/kg	39	124	1	8260	998093910	7/6/2005	7/6/2005
Chloroform	< 15	ug/kg	15	47	1	8260	998093910	7/6/2005	7/6/2005
Chloromethane	< 30	ug/kg	30	96	1	8260	998093910	7/6/2005	7/6/2005
cis-1,2-Dichloroethene	< 17	ug/kg	17	53	1	8260	998093910	7/6/2005 /	7/6/2005
Dibromochloromethane	< 25	ug/kg	25	79	1	8260	998093910	7/6/2005	7/6/2005
Dichlorodifluoromethane	< 16	ug/kg	16	52	1	8260	998093910	7/6/2005	7/6/2005
Ethylbenzene	< 16	ug/kg	16	49	1	8260	998093910	7/6/2005 /	7/6/2005
Hexachlorobutadiene	< 26	ug/kg	26	81	1	8260	998093910	7/6/2005 /	7/6/2005
Isopropyl Ether	< 18	ug/kg	18	58	1	8260	998093910	7/6/2005 /	7/6/2005



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 Department of Natural Resources State Certified Laboratory #241340550

APL warrants the test results to be of a precision normal for the sample type and methodology employed for each sample submitted. APL disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. APL accepts no legal responsibility for the purpose for which the client uses test results. Any analytical work performed must be governed by this terms and conditions set forth herein.



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 Phone: (414) 355-5800 Fax: (414) 355-3099

Travis Peterson  
 Kapur and Associates, Inc.  
 7711 N. Port Washington Road  
 Milwaukee, WI 53217

## ORGANIC REPORT

BATCH NUMBER: 20051078  
 DATE REPORTED: 10-Aug-05  
 DATE RECEIVED: 23-Jun-05  
 SAMPLE TEMP (C): Rec On Ice  
 PROJECT ID: 04015-421  
 PROJECT NAME: West Allis Incine

Isopropylbenzene	< 20	ug/kg	20	64	1	8260	998093910	7/6/2005	7/6/2005
m&p-xylene	< 33	ug/kg	33	104	1	8260	998093910	7/6/2005	7/6/2005
Methylene chloride	< 19	ug/kg	19	59	1	8260	998093910	7/6/2005	7/6/2005
MTBE	< 24	ug/kg	24	76	1	8260	998093910	7/6/2005	7/6/2005
Naphthalene	< 46	ug/kg	46	147	1	8260	998093910	7/6/2005	7/6/2005
n-Butylbenzene	< 22	ug/kg	22	70	1	8260	998093910	7/6/2005	7/6/2005
n-Propylbenzene	< 17	ug/kg	17	55	1	8260	998093910	7/6/2005	7/6/2005
o-xylene	< 15	ug/kg	15	49	1	8260	998093910	7/6/2005	7/6/2005
p-Isopropyltoluene	< 19	ug/kg	19	61	1	8260	998093910	7/6/2005	7/6/2005
sec-Butylbenzene	< 21	ug/kg	21	66	1	8260	998093910	7/6/2005	7/6/2005
tert-Butylbenzene	< 19	ug/kg	19	59	1	8260	998093910	7/6/2005	7/6/2005
Tetrachloroethene	< 19	ug/kg	19	60	1	8260	998093910	7/6/2005	7/6/2005
Toluene	< 18	ug/kg	18	57	1	8260	998093910	7/6/2005	7/6/2005
trans-1,2-Dichloroethene	< 16	ug/kg	16	49	1	8260	998093910	7/6/2005	7/6/2005
Trichloroethene	< 21	ug/kg	21	67	1	8260	998093910	7/6/2005	7/6/2005
Trichlorofluoromethane	< 15	ug/kg	15	47	1	8260	998093910	7/6/2005	7/6/2005
Vinyl chloride	< 13	ug/kg	13	42	1	8260	998093910	7/6/2005	7/6/2005



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Phone: (414) 355-5800 Fax: (414) 355-3099

Travis Peterson  
Kapur and Associates, Inc.  
7711 N. Port Washington Road  
Milwaukee , WI 53217

# ORGANIC REPORT

BATCH NUMBER: 20051078  
DATE REPORTED: 10-Aug-05  
DATE RECEIVED: 23-Jun-05  
SAMPLE TEMP (C): Rec On Ice  
PROJECT ID: 04015-421  
PROJECT NAME: West Allis Incine

Approved By: \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

Quality Control Manager

RQ Comment

*MDL: Method Detection Limit determined by 40CFR Part 136 Appendix B*

*LOQ = 10 (S) x Dilution Factor, where "S" is the Standard Deviation from the MDL Stu "e" = Estimate value, over calibration range .*

*LOD = 3.143 (S) x Dilution Factor, where "S" is the Standard Deviation from the MDL Study*

*PAL: Preventive Action Limit, NR 140.10 Public health related groundwater standards. "ns" = not specified*

*RQ : Run Qualifier; "J" = Results between LOD and LOQ. "RR" = Re-extract Rerun sample, "B" = Showed in Blank sample*

*Rounding Rules: Three significant figures were used for concentrations above 99 ug/L, two significant figures for concentrations between 1-99 ug/L, and one significant figure for lower concentrations.*

*DNR Analytical Detection Limit Guidance, April 1995.*



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Department of Natural Resources State Certified Laboratory #241340550

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<b>CLIENT INFORMATION</b>		<b>REPORTING INFORMATION</b>	
Project Manager: <u>Travis Peterson / Linda Fellenz</u>		Project Name: <u>West Allis Incinerator Building</u>	
Company: <u>K&amp;A</u>		Project ID: <u>07015.421</u>	
Mailing Address: <u>7711 N. Port Washington Rd</u>		Send Report Via: _____ Notice: _____	
City, State, Zip: <u>Milwaukee WI 53217</u>		<input type="checkbox"/> Fax	
Tel: <u>351-6668</u> Fax: <u>351-4117</u> E-mail: <u>tpeterson@kapui-assoc.com</u>		<input checked="" type="checkbox"/> E-mail	

**TURNAROUND TIME**

Normal (10 working days)  
 RUSH Date report needed: \_\_\_\_\_

Note: **Call to confirm** that we can provide the desired RUSH processing **before shipping your samples!**

Enter Preservation Code\*: G E G G G

**ANALYSIS NEEDED:**

DRO VOCS PAHs Lead DRY

SAMPLE ID	SAMPLE DESCRIPTION (optional)	COLLECTION		MATRIX **											APL LAB ID	Samples Received on Ice <input checked="" type="checkbox"/>		
		DATE	TIME															
CS-1		6/23/05	10:15A	Soil	X													Temp if not on ice <input type="checkbox"/> °C
CS-2			10:40A		X													
CS-3			11:00A		X													
CS-4			11:25A		X													
CS-5			11:50A		X													
CS-6			12:25A		X	X	X	X	X									
																	Samples Intact and Not Leaking <input checked="" type="checkbox"/>	

\* Preservation Codes: A. HCl B. HNO<sub>3</sub> C. NaOH D. H<sub>2</sub>SO<sub>4</sub> E. Methanol F. Field Filtered G. None H. Other: \_\_\_\_\_  
 \*\* Matrix Soil (S), Solid (SD), Surface Water (Water), Groundwater (GW), Wastes (Waste), Oil (O), TCLP (TCLP), SPLP (SPLP)

Relinquished by (Signature): <u>Travis Peterson</u>	Date/Time: <u>6/23/05 1:30 PM</u>	Received by (Signature): <u>Linda Fellenz</u>	Date/Time: <u>1:30 PM</u>	Comments / Further Instructions: <u>Please email results to: tpeterson@kapui-assoc.com &amp; lfellenz@kapui-assoc.com</u>
Relinquished by (Signature): _____	Date/Time: _____	Received by (Signature): _____	Date/Time: _____	



Pending 01-41-547 895

**Fax Notification For Hazardous Substance Discharge  
(Non-Emergency Only)**

**Emergency Discharges / Spills should be reported via the 24-Hour Hotline: 1-800-943-0003**

**Notice: Hazardous substance discharges must be reported immediately** according to the "Spills Law", s. 292.11 Wis. Stats., Section NR 706.05(1)(b), Wis. Adm. Code, requires that hazardous substance discharges are to be reported by one of three methods: telephoning the Department (toll free Spill Hotline number above), telefaxing a report to the Department or visiting a Department office in person. If you choose to notify the Department by telefax, you should use this form to be sure that all necessary information is included. However use of this form is not mandatory. Under s. 292.99, Wis. Stats., the penalty for violating the reporting requirements of ch. 292 Wis. Stats., shall be no less than \$10 nor more than \$5000 for each violation. Each day of continued violation is a separate offense. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than program administration. However, information submitted on this form may also be made available to requesters under Wisconsin's Open Records Law (ss. 19.31 - 19.39, Wis. Stats.). Confirmatory laboratory data should be included with this form, to assist the DNR in processing this Hazardous Substance Release Notification.

Complete this form. **TYPE or PRINT LEGIBLY.** FAX it to the appropriate DNR region (see next page) **IMMEDIATELY** upon discovery of a potential release from (check one):

- Underground Petroleum Storage Tank System
- Aboveground Petroleum Storage Tank System
- Dry Cleaner Facility (DERP eligibility based on:  Facility owner/operator  Property owner of licensed facility)
- Other - Describe:

TO DNR, ATTN: **R & R Program Assistant** (Area Code) FAX Number **(414) 263-8483**

<b>1. Discharge reported by:</b>		Date FAXed to DNR
Name <b>Travis Peterson</b>	Firm <b>Kapur &amp; Associates, Inc.</b>	
Mailing Address <b>7711 North Port Washington Road <sup>53217</sup></b>		(Area Code) Phone Number <b>414-351-6668</b>

**2. Site Information**

Name of site at which discharge occurred. Include local name of site/business, not responsible party name, unless a residence / vacant property **Former West Allis Incinerator Building**

Location: Include street address, not PO Box. If no street address, describe as precisely as possible, i.e., 1/4 mile NW of CTHs 60 & 123 on E side of CTH 60  
**5100 West Rogers Street**

Municipality (City, Village, Township) Specify municipality in which the site is located, not mailing address/city  
**West Allis <sup>53219</sup>**

County: Milwaukee	Legal Description: <u>NW</u> 1/4, <u>SE</u> 1/4, Section <u>2</u> , Tn <u>6N</u> , Range <u>21E</u> E / W (circle one)
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**3. Responsible Party (RP) and/or RP Representative**  
Responsible Party Name: Business or owner name that is responsible for cleanup. If more than one, list all  
Attach additional pages as necessary

**City of West Allis**

Reported in compliance with s. 292.11(2), Wis. Stats., by a local government exempt from liability under s. 292.11(9)(e), Wis. Stats. For more information see [http://dnr.wi.gov/org/aw/r/liability/muni\\_1.html](http://dnr.wi.gov/org/aw/r/liability/muni_1.html)

Contact Person Name (if different) <b>Mr. Mike Pertmer</b>		Phone Number <b>414-302-8888</b>	
Mailing Address <b>6300 West McGeoch Avenue</b>	City <b>West Allis</b>	State <b>WI</b>	ZIP Code <b>53219</b>