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09-65-291594

UNDERGROUND STORAGE TANK CLOSURE ASSESSMENT

FOR

THE CITY OF DELAVAN, WISCONSIN

701 EAST GENEVA STREET - DUTCH MAID CLEANERS

WALWORTH COUNTY, WISCONSIN

SEPTEMBER 7, 1989

RECEIVED

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BUREAU OF SOLID
HAZARDOUS WASTE MANAGEMENT

mfaomy 9/9/93

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FOR

UNDERGROUND STORAGE TANK CLOSURE ASSESSMENT

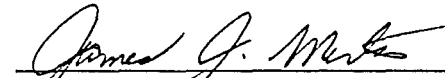
FOR

THE CITY OF DELAVAN, WISCONSIN

701 EAST GENEVA STREET - DUTCH MAID CLEANERS

WALWORTH COUNTY, WISCONSIN

Prepared By:


James J. Mertes
Technical Specialist
Aqua-Tech, Inc.

Date:

9-7-89

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1.0 SUMMARY

Aqua-Tech, Inc. was contracted by the City of Delavan Public Works Department on July 21, 1989, to conduct an underground storage tank removal and closure assessment for seven underground petroleum storage tanks located at the northeast intersection of Geneva and 7th Streets, Delavan, Wisconsin. The tank removal and closure assessment included the following:

- * Excavation and safe disposal of seven underground petroleum storage tanks per Wisconsin DILHR regulations.
- * Disposal of waste oil and sludge from the tanks in accordance with all local, state, and federal laws.
- * Screening the tank bed for volatile compounds with a photoionization meter.
- * Collection of eleven (11) soil samples and laboratory analysis of the samples for Total Petroleum Hydrocarbons.
- * Documentation of sampling procedures and soil conditions at the tank bed excavation.

The results of the assessment indicate that THE SOILS AT THE SITE ARE NOT CONTAMINATED WITH PETROLEUM PRODUCTS. No TPH levels above the 10 ug/g Wisconsin Department of Industry, Labor and Human Relations (DILHR) remedial action level were detected. Field screening of the tank bed with a photoionization meter indicated that only a trace of volatile organic compounds (<3 ppm) were present. Groundwater was not present in the excavated tank bed and, based on soil sample analyses, GROUNDWATER IS BELIEVED TO BE UNCONTAMINATED BY PETROLEUM PRODUCTS.

2.0 SITE ASSESSMENT PROCEDURES AND FIELD OBSERVATIONS

2.1 Introduction

This section outlines procedures and observations of the underground storage tank closure assessment at the City of Delavan site in Walworth County, Wisconsin. Individual subsections address specific assessment activities including field observations, sampling procedures, and chain-of-custody procedures.

2.2 Background Information

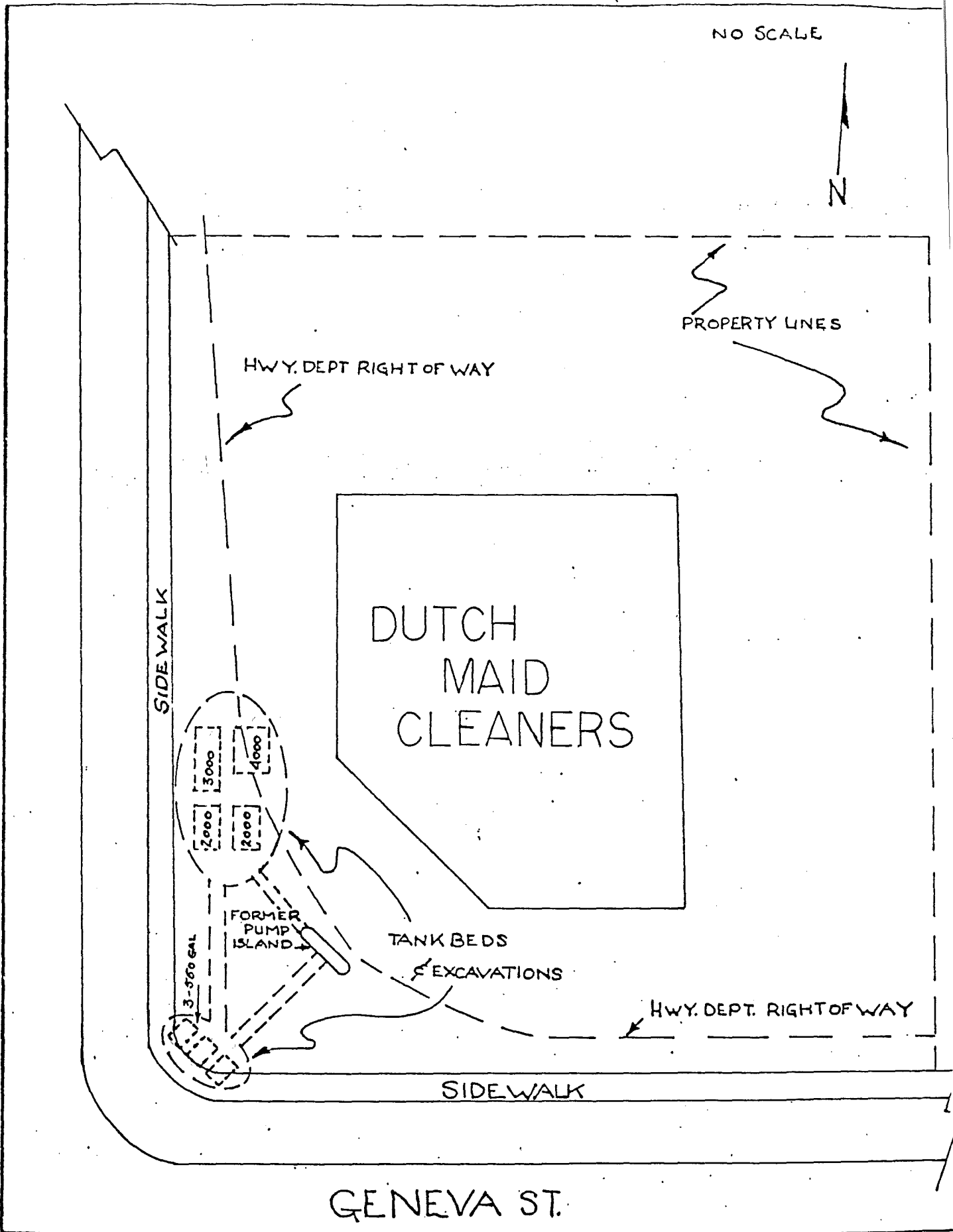
The following inactive underground storage tanks and associated piping were removed from the Dutch Maid Cleaners parking lot at 701 East Geneva Street on August 7 and August 8, 1989 (See Figure 2-1).

<u>Contents</u>	<u>Capacity (Gallons)</u>	<u>Installation Date</u>
Diesel Fuel	3000	Unknown
Gasoline	4000	Unknown
Gasoline	2000	Unknown
Gasoline	2000	Unknown
Gasoline	550	Unknown
Gasoline	550	Unknown
Waste Oil	550	Unknown

The tanks were removed to make way for State Highway 50 right-of-way expansion.

All of the tanks are believed to have been out of service since approximately 1965, when the site was transformed from a gas station to a dry cleaning service. There are no records of the underground tanks at the Wisconsin Department of Industry, Labor, and Human Relations.

FIGURE 2-1
SITE FEATURES MAP



CITY OF DELAVAN



AQUA-TECH, INCORPORATED
18 South Park Street, Port Washington, Wisconsin 53150

2.3 Field Observations

Aqua-Tech personnel arrived at the City of Delavan site on August 7, 1989, to supervise the tank removal process. Seven inactive underground petroleum storage tanks and associated piping were removed by Auto-Quip, Inc., Milwaukee, Wisconsin, on August 7 and August 8, 1989.

Prior to excavation, the liquid tank contents were pumped and disposed of by National Tank Service of Wisconsin, Inc. (See Appendix A). A total of 925 gallons of liquid was removed.

The seven steel tanks were transported to National Tank Service of Wisconsin, Inc. where they were cleaned, cut up, and sold as scrap.

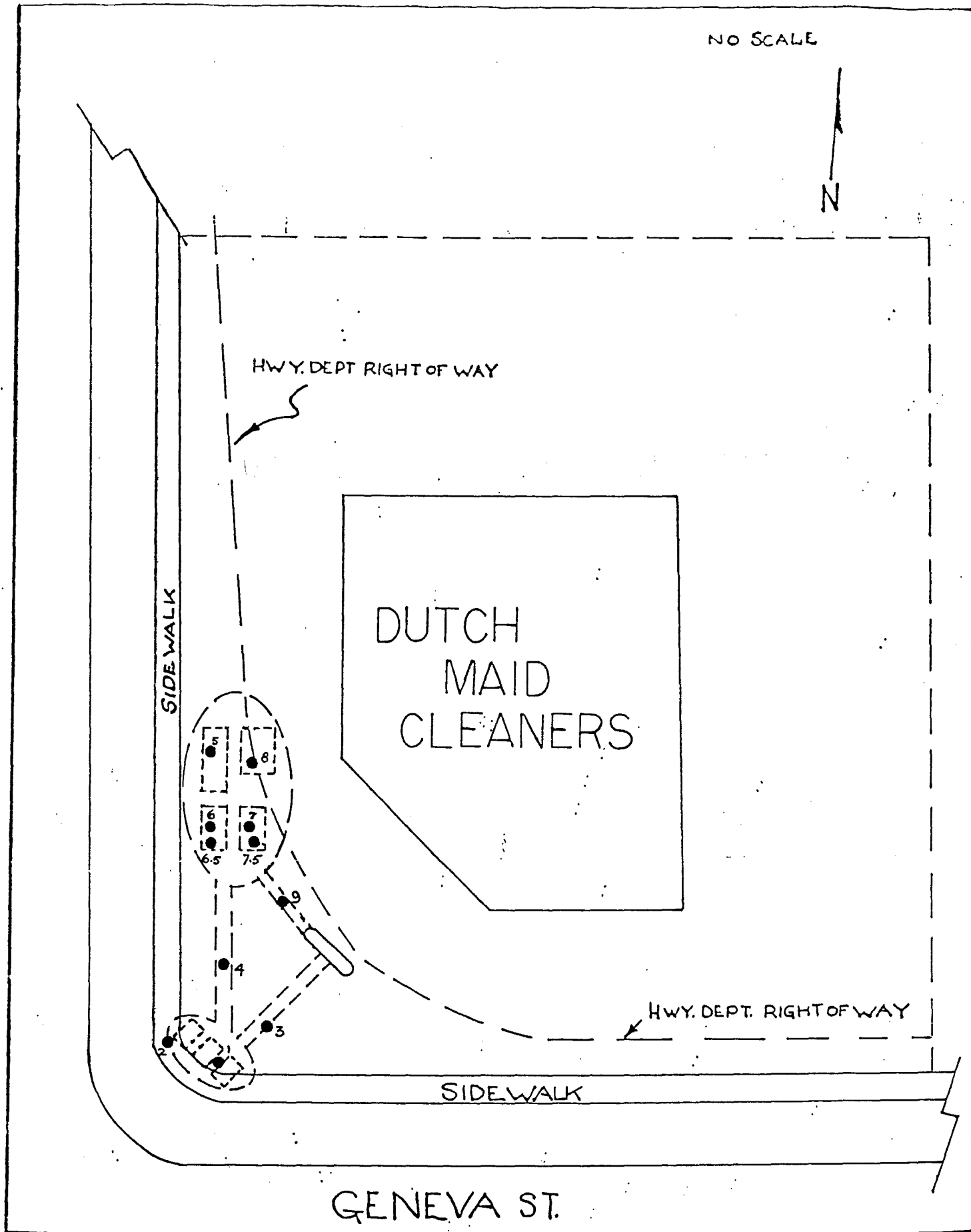
Several of the tanks had small holes and perforations; however, no product appeared to be present in the excavated tank beds.

2.4 Sampling Procedures

Eleven (11) soil samples were collected on August 7 and August 8, 1989, by James J. Mertes of Aqua-Tech at locations depicted in Figure 2-2. Soil samples were collected from the excavation floor of the tank bed and piping. A photoionization meter was used for field screening of soil samples within the excavation. The samples which produced the highest readings were packed into four ounce jars, cooled to 4°C, and sent to the Aqua-Tech laboratory in Port Washington, Wisconsin for analysis. Results of the photoionization meter survey are recorded in Table 3-1.

FIGURE 2-2

SOIL SAMPLING LOCATIONS



CITY OF DELAVAN

AQUA TECH AQUA-TECH, INCORPORATED
116 South Park Street, Park Washington, Missouri 63074

2.5 Chain-of-Custody Procedures

This section describes procedures used for sample identification and chain-of-custody. The purpose of these procedures was to ensure that the integrity of the samples was maintained during their collection, transportation, and storage through analysis.

Sample identification documents were carefully prepared so that sample identification and chain-of-custody was maintained and sample disposition controlled. Sample identification documents included:

- * Field Notebooks
- * Sample Labels
- * Chain-of-Custody Records

Each sample was labeled, physically preserved, and sealed immediately after collection. To minimize handling of sampling containers, labels were filled out prior to sample collection. The sample label was completed using waterproof ink and was firmly affixed to the sample containers. The sample label gave the following information:

- * Location
- * Sample Number
- * Date and Time of Collection
- * Analysis Required
- * Name of Sampler

The chain-of-custody was fully completed in duplicate by the Aqua-Tech sampler (See Appendix B) immediately following sample collection.

Transfer of Custody Shipment

The coolers in which the samples were packed were accompanied by the chain-of-custody record. When transferring samples, the individuals relinquishing and receiving them signed, dated, and noted the time on the chain-of-custody record. This record documents sample custody.

Laboratory Custody Procedures

A designated sample custodian accepted custody of the shipped samples and verified that the sample identification number matched that on the chain-of-custody record. A copy of the completed chain-of-custody record was retained by the laboratory until analyses were complete. The record was then transferred to the site file with the analytical results.

3.0 ANALYTICAL PROCEDURES AND RESULTS

3.1 Introduction

This section includes results of chemical analysis of Aqua-Tech collected soil samples for Total Petroleum Hydrocarbons (TPH) using U.S. EPA Methods 5030 and 3540.

3.2 Analytical Procedures

Analytical methods utilized for the sampling tasks are referenced in Appendix C. Included in Appendix C are sample volumes and containers, preservatives, maximum holding times, and minimum routine detection limits.

Methodology references contain specific QC criteria associated with the particular methods. These specific requirements include calibration and QC samples and are described in detail within the methods. Daily performance tests and demonstration of precision and accuracy are required.

3.3 Results of Chemical Analysis of Aqua-Tech Collected Samples

Chemical analysis of Aqua-Tech collected soil samples revealed no contaminants above the 10 ug/g Wisconsin Department of Industry, Labor and Human Relations (DILHR) remedial action level. Table 3-1 contains complete results of the chemical analysis for each sample.

TABLE 3-1

CITY OF DELAVAN

RESULTS OF CHEMICAL ANALYSES OF AQUA-TECH COLLECTED SOIL SAMPLES

COLLECTED: AUGUST 8, 1989

ANALYZED: AUGUST 22, 1989

<u>Sample Number</u>	Field Photoionization Meter Readings (parts per million)	TOTAL PETROLEUM HYDROCARBONS AS:		
		<u>Gasoline</u> (ug/g)	<u>Diesel</u> (ug/g)	<u>Waste Oil</u> (ug/g)
1	0	---	---	<10
2	0	<10	---	---
3	0	<10	---	---
4	0	<10	---	---
5	2	---	<10	---
6	0	<10	---	---
6.5	0	<10	---	---
7	2	<10	---	---
7.5	0	<10	---	---
8	0	<10	---	---
9	0	<10	---	---

All results reported on a dry weight basis as required by Wisconsin Department of Industry,
Labor and Human Relations

4.0 DISCUSSION

4.1 Introduction

This section discusses data and information that applies to observed and potential contamination that may be attributable to the City of Delavan tank bed site.

4.2 Soil

Petroleum products were not detected in the soil at the City of Delavan site above the 10 ug/g DILHR remedial action level. In addition, field screening of the samples with a photoionization meter did not indicate any significant above background levels of volatile organic compounds. There was no evidence of leakage or spillage of petroleum compounds at the site (e.g., stressed vegetation, stained soil).

4.3 Groundwater

No groundwater samples were collected because the tank bed did not reach the water table. The elevation of the water table at the site is unknown. However, groundwater is not believed to be contaminated since there was no indication of contamination in the soil surrounding the tanks.

5.0 RECOMMENDATIONS

After completing the environmental site assessment of the City of Delavan underground storage tank site, Aqua-Tech, Inc. does not recommend any further investigation or corrective action. Based on analytical results of the samples collected, soil and groundwater are not believed to be contaminated in the area surrounding the tank bed.

APPENDIX A

CONTAINS HAZARDOUS MATERIALS

FOR HELP IN CHEMICAL EMERGENCIES INVOLVING SPILL, LEAK, FIRE OR EXPOSURE CALL TOLL-FREE 1-800-424-9300 DAY OR NIGHT

THIS SHIPPING ORDER

must be legibly filled in, in Ink, in Indelible Pencil, or in Carbon, and retained by the Agent.

Shipper's No. _____

CARRIER: NATIONAL TANK SERVICE OF WI INC.

SCAC

Carrier's No. _____

Date Aug. 7, 1989

TO: Consignee National Tank Serv.
Street 1813 S. 73
Destination Milw. Zip _____

FROM: Shipper Dutch Maid Cleaners/Auto-Quip Inc.
Street 701 E. Geneva St.
Origin Delevan, Wisc. Zip _____

Route: _____

Vehicle Number 30

HAZARDOUS MATERIALS	Kind of Package, Description of Articles (IF HAZARDOUS MATERIALS - PROPER SHIPPING NAME)	HAZARD CLASS	LD. Number	WEIGHT (subject to correction)	RATE	TOTAL WEIGHT (if applicable)
L-TT	OIL SOLUTION COMBUSTIBLE LIQUID (WATER & FUEL OIL)	COMBUSTIBLE	NA1993	500	GALS.	NONE
<p>FEDERAL & STATE REGULATIONS</p> <p>Generators material disposed of in accordance with all rules and regulations at our Hazardous Waste Facility, 1813 S. 73rd St. West Allis, WI</p> <p>E.P.A. Indent No. W I D O 73938880 and W I D.N.R. No. 10848</p>						

Remit C.O.D. to:
Address: _____
City: _____ State: _____ Zip: _____

COD Amt: \$

C.O.D. FEE:
Prepaid
Collect \$

NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ _____ Per _____

Subject to Section 7 of the conditions, this shipment is to be delivered to the consignee without receipt or the consignee's signature through the shipping agent. The carrier shall not make delivery of this shipment until payment of freight and all other lawful charges. (Signature of Consignor)

FREIGHT CHARGES
 PREPAID COLLECT

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment. Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

PLACARDS SUPPLIED

COMBUSTIBLE
NA1993

PLACARDS REQUIRED

YES NO - FURNISHED BY CARRIER DRIVER SIGNATURE: _____

SHIPPER: DUTCH MAID CLEANERS/AUTO-QUIP INC.

CARRIER: NATIONAL TANK SERVICE

PER: _____

PER: _____

DATE: 8/7/89

DATE: 8/7/89

EMERGENCY RESPONSE

Manned 24 hours/day by a person with knowledge of the hazards of material and emergency response information or who has access to a person with that knowledge.

TELEPHONE NUMBER: _____

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading

8-BLS-B3
Rev. 5-'88

CONTAINS HAZARDOUS MATERIALS

FOR HELP IN CHEMICAL EMERGENCIES INVOLVING SPILL, LEAK, FIRE OR EXPOSURE CALL TOLL-FREE 1-800-424-9300 DAY OR NIGHT

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THIS SHIPPING ORDER must be legibly filled in, in Ink, in Indelible Pencil, or in Carbon, and retained by the Agent.

Shipper's No. _____

CARRIER: NATIONAL TANK SERVICE OF WI INC.

SCAC

Carrier's No. _____
Date Aug. 7, 1989

TO:
Consignee National Tank Serv.
Street 1813 S. 73
Destination Milw. Zip _____

FROM:
Shipper Dutch Maid Cleaners
Street 701 E. Geneva St.
Origin Delevan, Wisc Zip _____

Route: _____ Vehicle Number 28

Quantity	HAZARDOUS MATERIALS - PROPER SHIPPING NAME	HAZARD CLASS	UN Number	WEIGHT (net and correction)	DATE	TOTAL WEIGHT	TOTAL VOLUME	Labels Required (per 171.16)
1-TT	GASOLINE SOLUTION FLAMMABLE LIQUID (WATER & GASOLINE)	FLAMMABLE	UN1203	425	GALS.			NONE
FEDERAL & STATE REGULATIONS Generators material disposed of In accordance with all rules and regulations at our Hazardous Waste Facility, 1813 S. 73rd St. West Allis, WI E. P. A. Ident. No. WI D O 73038880 and WI D.N.R. No. 10848		Pumped out free liquids only <u>NO SLUDGE TAKEN</u>						

Remit C.O.D. to:
Address: _____
City: _____ State: _____ Zip: _____

COD Amt: \$

C.O.D. FEE:
Prepaid
Collect \$

NOTE — Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ _____ Per _____

Subject to Section 7 of the conditions, if in a shipment to be delivered to the consignee without receipt or the receipt, the carrier shall sign the following statement:
The carrier shall not make delivery of this shipment until payment of freight and all other lawful charges.
Signature of Comsigner _____

FREIGHT CHARGES
 PREPAID COLLECT

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents or packages unknown) marked, consigned and destined as indicated above which, said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

PLACARDS SUPPLIED

FLAMMABLE
UN1203

PLACARDS REQUIRED

YES NO — FURNISHED BY CARRIER
DRIVER SIGNATURE: _____

SHIPPER: DUTCH MAID CLEANERS/AUTO-QUIP INC.

CARRIER: NATIONAL TANK SERV.

PER: *[Signature]*

PER: *[Signature]*

DATE: 8/7/89

DATE: 8/7/89

EMERGENCY RESPONSE TELEPHONE NUMBER: () _____

Manned 24 hours/day by a person with knowledge of the hazards of the material and emergency response information or who has access to a person with that knowledge.

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading

8-BLS-B3
Rev. 9/86

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CONTAINS HAZARDOUS MATERIALS

FOR HELP IN CHEMICAL EMERGENCIES INVOLVING SPILL, LEAK, FIRE OR EXPOSURE CALL TOLL-FREE 1-800-424-9300 DAY OR NIGHT

THIS MEMORANDUM

is an acknowledgment that a bill of lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and it is intended solely for filing or record.

Shipper's No. _____

CARRIER: NATIONAL TANK SERVICE OF WI INC.

SCAC

Carrier's No. _____
Date: Aug. 17, 1989

TO: Consignee National Tank Service
Street 1813 S. 73
Destination Milwaukee, Zip _____

FROM: Shipper Dutch Maid Cleaners/Auto-Quip Inc.
Street 701 E. Geneva St/
Origin Delevan, Wisc. Zip _____

Route: _____ Vehicle Number _____

HAZARDOUS MATERIALS - PROPER SHIPPING NAME	HAZARD CLASS	UN	WEIGHT (GROSS)	DATE	LABELS REQUIRED
6 ((2) 3,000 & (2) 550 GAL. GASOLINE	FLAMMABLE	UN1203			
(1) 2,000 FUEL OIL & (1) 550 GAL. WASTE OIL CLEANED AND PREPARED FOR SCRAP	COMBUSTIBLE	NA1993			
FEDERAL & STATE REGULATIONS					
Generators material disposed of					
in accordance with all rules and regulations at our Hazardous Waste Facility, 1813 S. 73rd St West Allis, WI					
E.P.A. Ident No. WI D O 73638683 and WI D.N.R. No. 10848					

Remit C.O.D. to:
Address: _____
City: _____ State: _____ Zip: _____

COD Amt: \$ _____

C.O.D. FEE:
Prepaid
Collect \$ _____

NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ _____ Per _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without receipt or the consignee, the consignee shall sign the following statement: The carrier shall not be liable for loss or damage to the property or other lawful charges.

FREIGHT CHARGES
 PREPAID COLLECT

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment. Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.
Per _____

PLACARDS SUPPLIED

PLACARDS REQUIRED

YES NO - FURNISHED BY CARRIER
DRIVER SIGNATURE: _____

SHIPPER: _____
PER: _____
DATE: _____

CARRIER: AUTO-QUIP INC.
PER: _____
DATE: _____

EMERGENCY RESPONSE TELEPHONE NUMBER: _____

Manned 24 hours/day by a person with knowledge of the hazards of the material and emergency response information or who has access to a person with that knowledge.

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CONTAINS HAZARDOUS MATERIALS

FOR HELP IN CHEMICAL EMERGENCIES INVOLVING SPILL, LEAK, FIRE OR EXPOSURE CALL TOLL-FREE 1-800-424-9300 DAY OR NIGHT

APPENDIX B



AQUA-TECH, INC.
 140 S. Park Street
 Port Washington, WI 53074
 Phone (414) 284-5746

APPENDIX B
 CHAIN OF CUSTODY RECORD

PROJ. NO.		PROJECT NAME				NO. OF CON- TAINERS	REMARKS													
SAMPLERS: (Signature)														TPH gasoline TPH fuel oil TPH waste oil / / / / / / /						
LAB NO.	DATE	TIME	COMP	GRAB	STATION LOCATION															
City of Delavan						HNL														
J Montes, M. Evanson																				
WMB-A	8-7-89	10AM		✓	#1	1-4oz.			X										SOIL	Oppm
B	8-7-89	11AM		✓	#2	1-4oz.	X												Oppm	
C	8-7-89	11:30AM		✓	#3	"	X												Oppm	
D	8-7-89	11:40		✓	#4	"	X												Oppm	
E	8-7-89	5:00		✓	#5	"		X											2ppm	
F	8-8-89	8:30		✓	#6	"	X												Oppm	
G	8-8-89	8:40		✓	#6.5	"	X												Oppm	
H	8-8-89	9:30		✓	#7	"	X												2ppm	
I	8-8-89	9:40		✓	#7.5	"	X												Oppm	
J	8-8-89	10:45		✓	#8	"	X												Oppm	
K	8-8-89	11:15		✓	#9	"	X												Oppm	

Relinquished by: (Signature) <i>J. Montes</i>	Date / Time 8-8-89 4:30PM	Received by: (Signature)	Date / Time
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Date / Time
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature) <i>Bruce Johnson</i>	Date / Time 8-8-89 4:30p.m.

Report to:
 Name J. Montes
 Street AQ-TEC
 City _____ State _____ Zip _____
 Phone no. () _____

Remarks
 2 week turnaround

Remarks

B-1

APPENDIX C

APPENDIX C

UNDERGROUND STORAGE TANK CLOSURE SOIL SAMPLE HANDLING AND ANALYSIS

Type of Analysis	Method (Extraction, Analysis)	Bottles (volume)	Preservative	Maximum Holding Time (Analyze as soon as possible)	Minimum Routine Detection Limit (ug/g, ppm)
On-site Screening for Volatile Organics	Headspace Analysis	1 - 4oz glass jar (half full)	None	1 Day	1
Halogenated Volatile Organics	EPA* 5030,8010	1 - 4oz glass jar (no headspace)	Cool to 4°C	14 Days	1
Benzene, Toluene, Ethyl benzene, Xylene (BTEX)	EPA 5030,8020	1 - 4oz glass jar (no headspace)	Cool to 4°C	14 Days	1
Total Petroleum Hydro- carbons (TPH) as:					
	Gasoline	EPA 5030,8020 modified	1 - 4oz glass jar (no headspace)	Cool to 4°C	14 Days
Fuel Oil & Kerosene	EPA 3540,8015 modified	1 - 4oz glass jar (no headspace)	Cool to 4°C	14 Days	10
Lead (Total)	EPA 3050,7420	1 - 4oz glass jar	Cool to 4°C	6 Months	0.6
EP Toxicity Metals	EPA 1310 & 3010	1 - 4oz glass jar	Cool to 4°C	6 Months	0.30
Organolead	AA: California DHS**	1 - 4oz glass jar (no headspace)	Cool to 4°C	14 Days	0.5

* U.S. Environmental Protection Agency (EPA), Test Method For Evaluating Solid Waste, Physical/Chemical Methods. Third Edition, November 1986

** Leaking Underground Fuel Tank Field Manual: Guidelines for Site Assessment, Cleanup, and Underground Storage Tank Closure, State of California, Leaking Underground Fuel Tank Task Force, December, 1987.

C-1

8-8-89

356438
BB 24-4-7

Sheboygan-5ED

E&K HAZARDOUS WASTE SERVICES, INC.

"YOUR WASTE HANDLING ALTERNATIVE"

P.O. BOX 1249 • 2905 PAINE AVENUE
SHEBOYGAN, WISCONSIN 53082-1249 • (414) 458-6030

October 16, 1990

Mr. Brad Wolbert
WISCONSIN DEPT. OF NATURAL RESOURCES
Bureau of Solid and Hazardous
Waste Management
Environmental Response & Repair Section
P.O. Box 7921
Madison, WI 53707

RECEIVED

OCT 17 1990

BUREAU OF SOLID -
HAZARDOUS WASTE MANAGEMENT

Dear Mr. Wolbert:

Please review the attached petroleum product tank inventory forms and laboratory analyses. Copies of the forms have been sent to the Safety and Building Division, Madison, pursuant to having the tanks removed from its inventory.

Please record a clean closure for the tanks based on our findings. If you have any questions, please feel free to contact us at (414) 458-6030.

Sincerely,

E&K HAZARDOUS WASTE SERVICES, INC.


Gene Charles
UST Technician

Bruce Willever / c.c.
Bruce Willever
Field Services Manager

GC/BW:sk

Attachment

nfa omg 9/9/93

E&K HAZARDOUS WASTE SERVICES, INC.

"YOUR WASTE HANDLING ALTERNATIVE"

P.O. BOX 1249 • 2905 PAINF AVENUE
SHEBOYGAN, WISCONSIN 53082-1249 • (414) 438-8030

October 16, 1990

Mr. Leroy Bruggink
WILLMAN INDUSTRIES, INC.
338 S. Main St.
Cedar Grove, WI 53015

Dear Mr. Bruggink:

On August 8, 1989, E&K Hazardous Waste Services, Inc. removed the tanks listed on the attached petroleum product tank inventory forms from 338 S. Main St., Cedar Grove, WI 53015. The tanks were one (1) 500 gallon gasoline and one (1) 8,000 gallon fuel oil, both of which were used for industrial purposes. The tanks were pumped previous to being cleaned and degassed of all vapors, and transported to our facility in Sheboygan. They were cut up for scrap metal, and the metal was used to make equipment repairs.

Mr. Gary TenHaken, a representative of your local fire department was notified, however, was not on site during the tank removal process. All soil removed during the excavation was checked with an HNU photoionization meter for Total Petroleum Hydrocarbons (TPH). As indicated by the attached results, the soil samples fall below the Wisconsin Department of Natural Resources allowable index of 10 ppm (see tank location map).

The excavation was backfilled to grade. Based on the field survey for the HNU and results of the soil analyses, we conclude that no contaminated soil exists at the site at this time.

Copies of this report, laboratory analyses, and petroleum tank inventory forms were submitted to the appropriate agencies (as indicated on the attached forms).

E&K HAZARDOUS WASTE SERVICES, INC.

"YOUR WASTE HANDLING ALTERNATIVE"

P.O. BOX 1249 • 2905 PAINE AVENUE
SHEBOYGAN, WISCONSIN 53082-1249 • (414) 458-6030

October 16, 1990

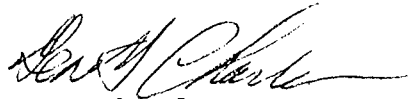
Safety & Buildings Division
Post Office Box 7969
Madison, Wisconsin 53707

Please review the attached petroleum product inventory forms and laboratory analyses. Copies of the forms have been sent to the Wisconsin Department of Natural Resources, Milwaukee. The tanks were cut up for scrap and the metal was taken to a recycler for disposal.

Please remove these tanks from your inventory. If you have any questions, please call me at (414) 458-6030.

Sincerely,

E&K HAZARDOUS WASTE SERVICES, INC.



Gene Charles
UST Technician



Bruce Willever
Field Service Manager

GC/BW:sk

Attachment

October 16, 1990
Page Two

If you have any questions, please feel free to contact us at (414)
458-6030.

Sincerely,

E&K HAZARDOUS WASTE SERVICES, INC.



Gene Charles
UST Technician



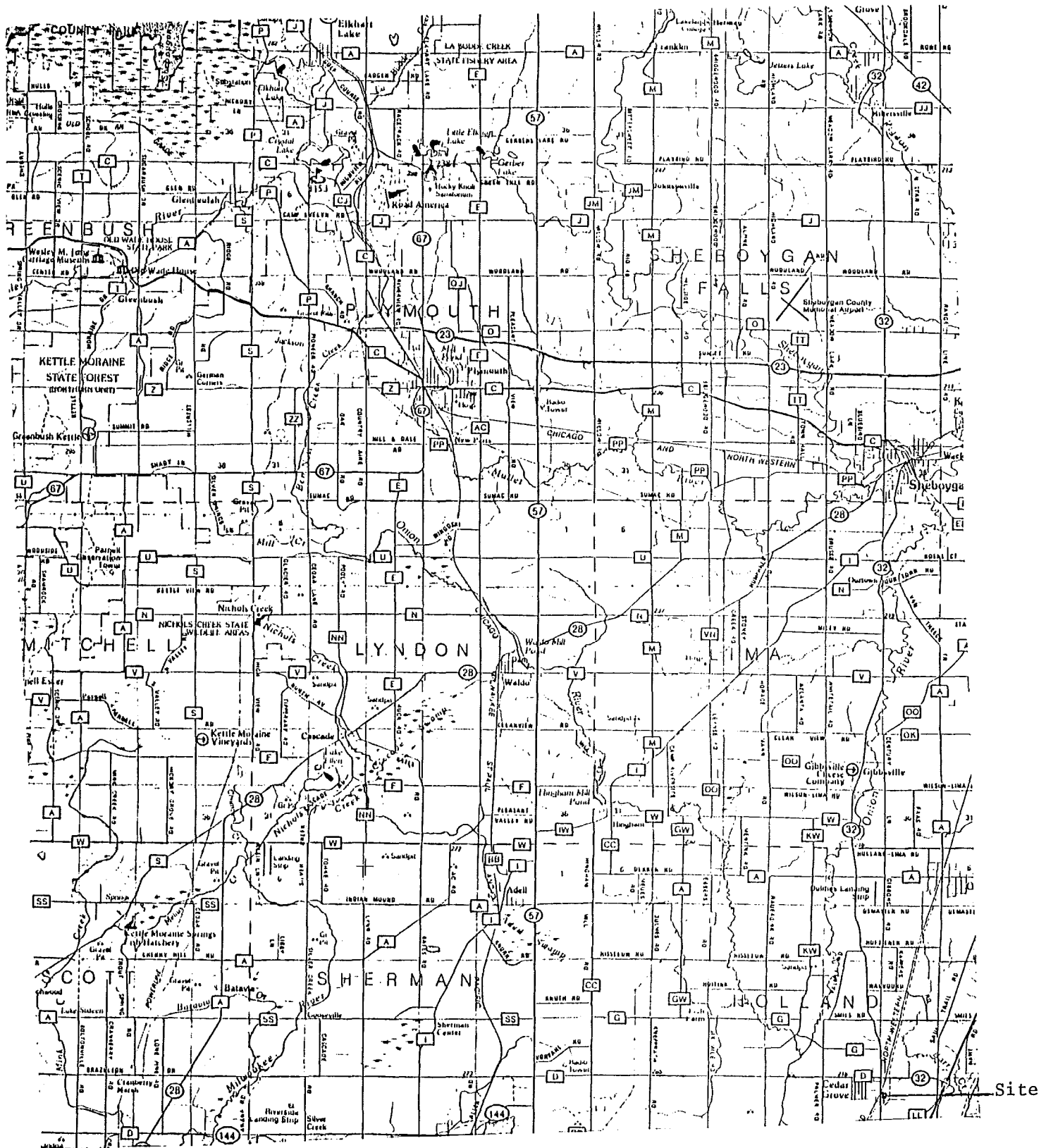
Bruce Willever
Field Services Manager

GC/BW:sk

Enclosure

cc: Mr. Gary TenHaken, Fire Chief
207 Willow Ave.
Cedar Grove, WI 53051

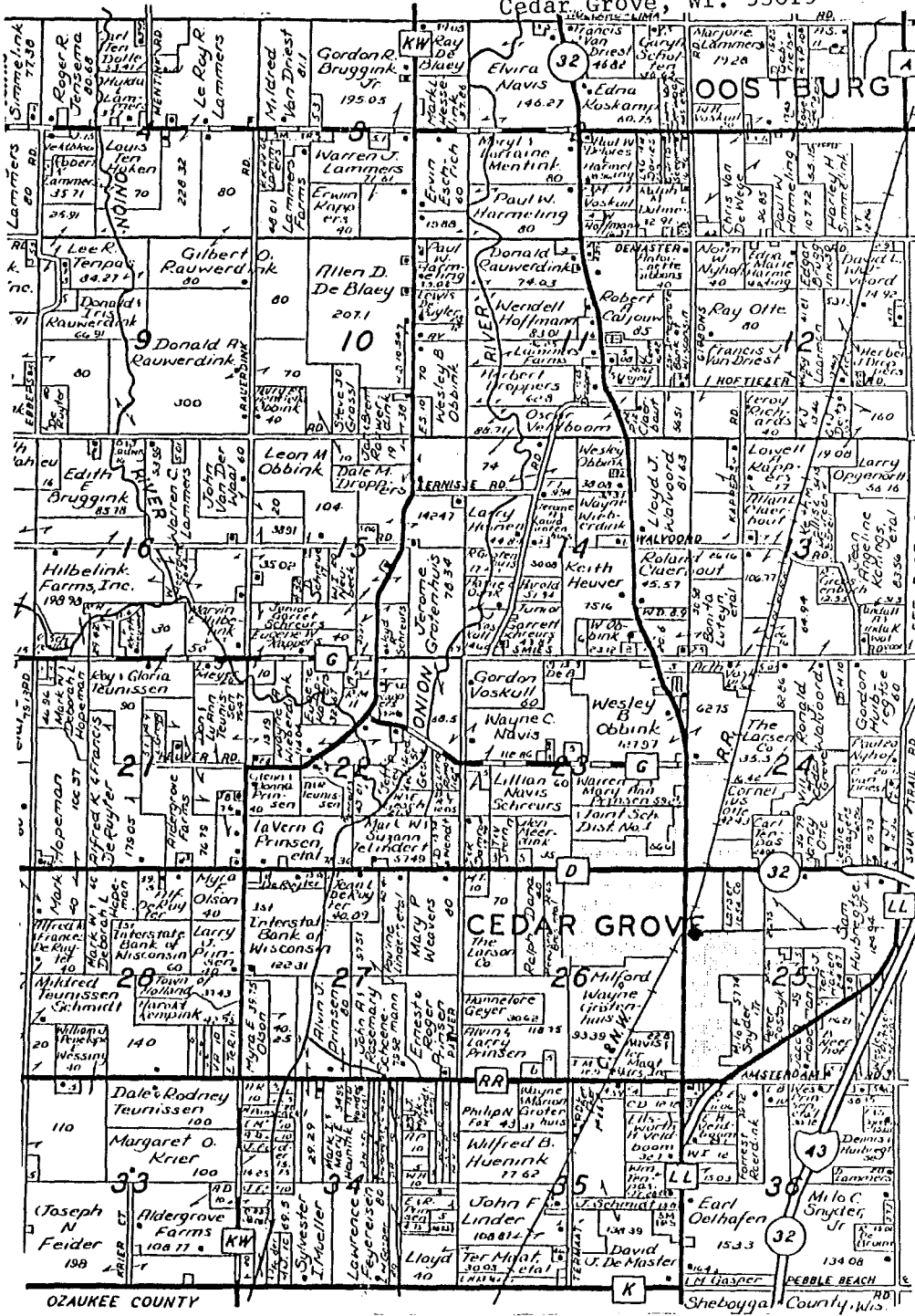
Area Communities
USGS 7½ Quadrangle



Willman Industries Inc.

338 So. Main St.

Cedar Grove, Wi. 53015



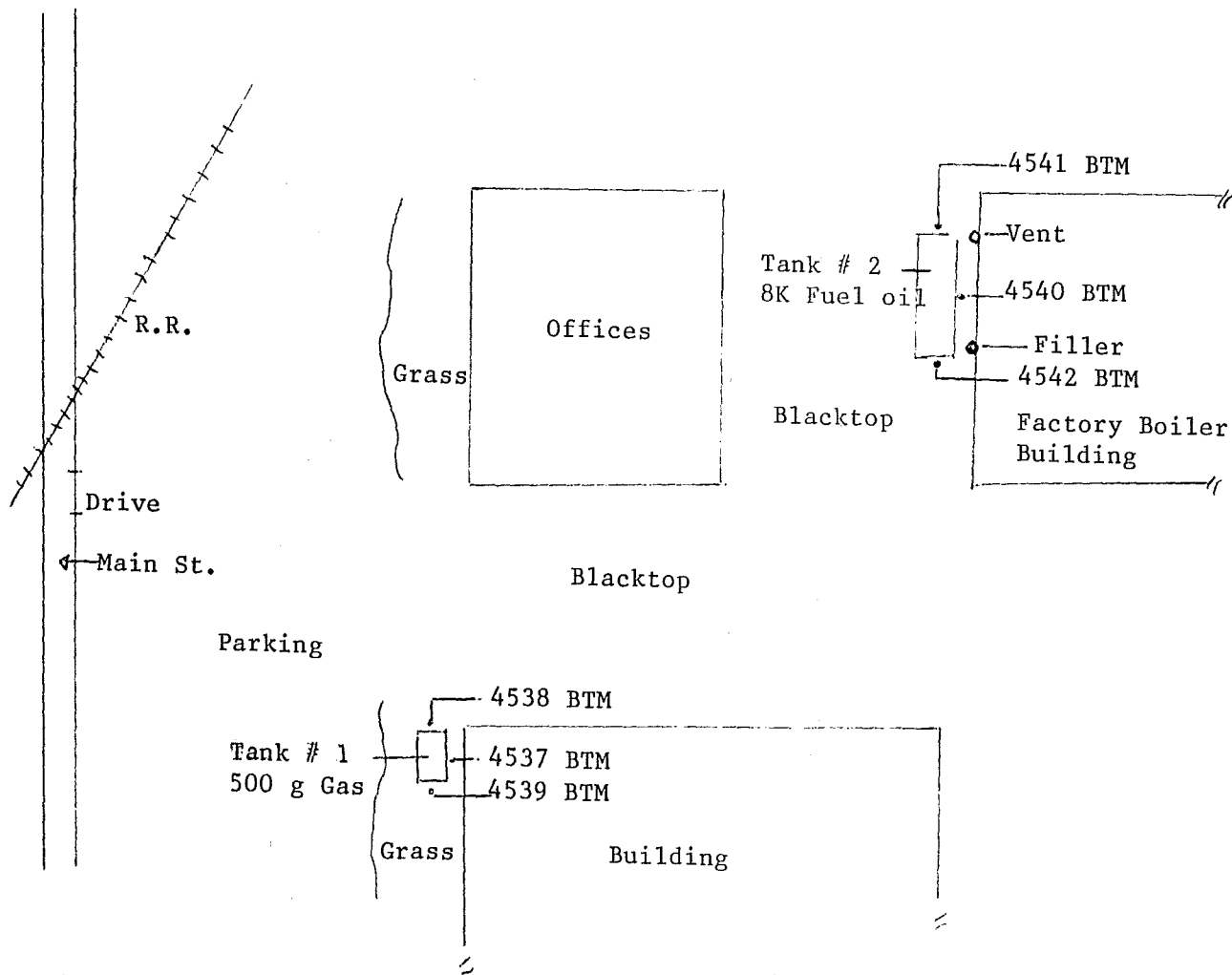
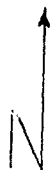
Site location

Site

SEE PAGE 15

SEE PAGE 15

Willman Industries, Inc.
 338 So. Main St.
 Cedar Grove, Wi. 53015
 (Tank Location)



Scale

None

Soils

SCS-MbA
 Manawa silt loam
 Top silt loam
 2' heavy silty clay loam
 5' silty clay loam

HNU Readings

Tank #1 Top <4.0ppm
 BTM <4.0ppm
 Tank #2 Top <4.0ppm
 BTM <4.0ppm

**UNDERGROUND
PETROLEUM PRODUCT
TANK INVENTORY**

Send Completed Form To:
Safety & Buildings Division
P.O. Box 7969
Madison, WI 53707
Telephone (608) 267-5280

For Office Use Only:
Tank ID #

TANK
#1

This form is to be completed pursuant to Section 101.142, Wis. Stats., to register all underground tanks in Wisconsin that have stored or currently store petroleum or regulated substances. Please see the reverse side for additional information on this program. An underground storage tank is defined as any tank with at least 10 percent of its total volume (included piping) located below ground level. A separate form is needed for each tank. Send each completed form to the agency designated in the top right corner.

This registration applies to a tank that is (check one):		Fire Department Providing Fire Coverage Where Tank Located:
1. <input type="checkbox"/> In Use	4. <input checked="" type="checkbox"/> Abandoned - Tank Removed	VILLAGE OF CEDAR GROVE FIRE DEPT.
2. <input type="checkbox"/> Abandoned With Product	6. <input type="checkbox"/> Abandoned - Filled With Inert Material	
3. <input type="checkbox"/> Abandoned No Product (empty) or With Water	7. <input type="checkbox"/> Out of Service	

A. IDENTIFICATION: (Please Print)

1. Installation Name WILLMAN INDUSTRIES, INC.			2. Mailing Name if Different Than #1 SAME		
Installation Street Address 338 So. Main Street			Mailing Address if Different Than #1		
<input type="checkbox"/> City	<input checked="" type="checkbox"/> Village	<input type="checkbox"/> Town of:	<input type="checkbox"/> City	<input type="checkbox"/> Village	<input type="checkbox"/> Town of:
Cedar Grove					
State Wisconsin	Zip Code 53015	County Sheboygan	State	Zip Code	County
3. Name of Contact Person Leroy Bruggink			4. Owner Name if Different Than #3 Willman Industries, INC.		
Street Address 338 So. Main Street			Street Address 338 So. Main Street		
<input type="checkbox"/> City	<input type="checkbox"/> Town	State	Zip Code	<input type="checkbox"/> City	<input type="checkbox"/> Town
<input checked="" type="checkbox"/> Village of: Cedar Grove		WI	53015	<input checked="" type="checkbox"/> Village of: Cedar Grove	
County Sheboygan		Telephone No. (include area code) 414/668-8526	County Sheboygan	Telephone No. (include area code) 414/668-8526	
5. Tank Age (date installed, if known: or years old) Unknown		6. Tank Capacity (gallons) 500	7. Tank Manufacturer's Name (if known) Unknown		

B. TYPE OF USER (check one):

1. <input type="checkbox"/> Gas Station	2. <input type="checkbox"/> Bulk Storage	3. <input type="checkbox"/> Utility	4. <input type="checkbox"/> Mercantile
5. <input checked="" type="checkbox"/> Industrial	6. <input type="checkbox"/> Government	7. <input type="checkbox"/> School	8. <input type="checkbox"/> Residential
9. <input type="checkbox"/> Agricultural	10. <input type="checkbox"/> Other (specify): _____		

C. TANK CONSTRUCTION:

1. <input checked="" type="checkbox"/> Bare Steel	2. <input type="checkbox"/> Cathodically Protected and Coated Steel (<input type="checkbox"/> Sacrificial Anodes or <input type="checkbox"/> Impressed Current)
3. <input type="checkbox"/> Coated Steel	4. <input type="checkbox"/> Fiberglass
6. <input type="checkbox"/> Relined	7. <input type="checkbox"/> Steel - Fiberglass Reinforced Plastic Composite
5. <input type="checkbox"/> Other (specify): _____	
Is tank UL Approved? <input type="checkbox"/> Yes <input type="checkbox"/> No	Is Tank Double Walled? <input type="checkbox"/> Yes <input type="checkbox"/> No
Overfill Protection Provided? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, identify type: _____	

D. PIPING CONSTRUCTION

1. <input checked="" type="checkbox"/> Bare Steel	2. <input type="checkbox"/> Cathodically Protected Steel (With Coating? <input type="checkbox"/> Yes <input type="checkbox"/> No)	3. <input type="checkbox"/> Coated Steel
4. <input type="checkbox"/> Fiberglass	5. <input type="checkbox"/> Other (specify): _____	6. <input type="checkbox"/> Unknown
Cathodic Protection By: <input type="checkbox"/> Sacrificial Anodes or <input type="checkbox"/> Impressed Current	UL Approved? <input type="checkbox"/> Yes <input type="checkbox"/> No	Double Walled <input type="checkbox"/> Yes <input type="checkbox"/> No

E. TANK CONTENTS

1. <input type="checkbox"/> Diesel	2. <input type="checkbox"/> Leaded	3. <input checked="" type="checkbox"/> Unleaded	4. <input type="checkbox"/> Fuel Oil
5. <input type="checkbox"/> Gasohol	6. <input type="checkbox"/> Other	7. <input type="checkbox"/> Empty	8. <input type="checkbox"/> Sand/Gravel/Slurry
9. <input type="checkbox"/> Unknown	10. <input type="checkbox"/> Premix	11. <input type="checkbox"/> Waste Oil	12. <input type="checkbox"/> Propane
13. <input type="checkbox"/> Chemical *		14. <input type="checkbox"/> Kerosene	15. <input type="checkbox"/> Aviation

* If # 13 is checked, indicate the chemical name(s) or number(s) of the chemical or waste.

If Tank Abandoned, Give Date (mo/day/yr): August 8, 1989	Has Clean Closure Status Been verified? (see reverse side for details) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
---	---

If installation of a new tank is being reported, indicate who performed the installation inspection:		
1. <input type="checkbox"/> Fire Department	2. <input type="checkbox"/> DILHR	3. <input type="checkbox"/> Other (identify) _____

Signature of Person Completing Report: <i>Leroy A. Bruggink</i>	Date Signed: 10/16/90
--	--------------------------

**UNDERGROUND
PETROLEUM PRODUCT
TANK INVENTORY**

TANK
#2

Send Completed Form To:
Safety & Buildings Division
P.O. Box 7969
Madison, WI 53707
Telephone (608) 267-5280

For Office Use Only:
Tank ID #

This form is to be completed pursuant to Section 101.142, Wis. Stats., to register all underground tanks in Wisconsin that have stored or currently store petroleum or regulated substances. Please see the reverse side for additional information on this program. An underground storage tank is defined as any tank with at least 10 percent of its total volume (included piping) located below ground level. A separate form is needed for each tank. Send each completed form to the agency designated in the top right corner.

This registration applies to a tank that is (check one):		Fire Department Providing Fire Coverage Where Tank Located:
1. <input type="checkbox"/> In Use	4. <input checked="" type="checkbox"/> Abandoned - Tank Removed	VILLAGE OF CEDAR GROVE FIRE DEPT.
2. <input type="checkbox"/> Abandoned With Product	6. <input type="checkbox"/> Abandoned - Filled With Inert Material	
3. <input type="checkbox"/> Abandoned No Product (empty) or With Water	7. <input type="checkbox"/> Out of Service	

A. IDENTIFICATION: (Please Print)

1. Installation Name WILLMAN INDUSTRIES, INC.			2. Mailing Name if Different Than #1 SAME		
Installation Street Address 338 So. Main Street			Mailing Address if Different Than #1		
<input type="checkbox"/> City	<input checked="" type="checkbox"/> Village	<input type="checkbox"/> Town of:	<input type="checkbox"/> City	<input type="checkbox"/> Village	<input type="checkbox"/> Town of:
Cedar Grove					
State Wisconsin	Zip Code 53015	County Sheboygan	State	Zip Code	County
3. Name of Contact Person Leroy Bruggink			4. Owner Name if Different Than #3 Willman Industries, Inc.		
Street Address 338 So. Main Street			Street Address 338 So. Main Street		
<input type="checkbox"/> City	<input type="checkbox"/> Town	State WI	Zip Code 53015	<input type="checkbox"/> City	<input type="checkbox"/> Town
<input checked="" type="checkbox"/> Village of: Cedar Grove				<input checked="" type="checkbox"/> Village of: Cedar Grove	
County Sheboygan	Telephone No. (include area code) 414/668-8526	County Sheboygan	Telephone No. (include area code) 414/668-8526		
5. Tank Age (date installed, if known: or years old) unknown	6. Tank Capacity (gallons) 8,000	7. Tank Manufacturer's Name (if known) unknown			

B. TYPE OF USER (check one):

1. <input type="checkbox"/> Gas Station	2. <input type="checkbox"/> Bulk Storage	3. <input type="checkbox"/> Utility	4. <input type="checkbox"/> Mercantile
5. <input checked="" type="checkbox"/> Industrial	6. <input type="checkbox"/> Government	7. <input type="checkbox"/> School	8. <input type="checkbox"/> Residential
9. <input type="checkbox"/> Agricultural	10. <input type="checkbox"/> Other (specify): _____		

C. TANK CONSTRUCTION:

1. <input checked="" type="checkbox"/> Bare Steel	2. <input type="checkbox"/> Cathodically Protected and Coated Steel (<input type="checkbox"/> Sacrificial Anodes or <input type="checkbox"/> Impressed Current)	5. <input type="checkbox"/> Other (specify): _____
3. <input type="checkbox"/> Coated Steel	4. <input type="checkbox"/> Fiberglass	
6. <input type="checkbox"/> Relined	7. <input type="checkbox"/> Steel - Fiberglass Reinforced Plastic Composite	

Is tank UL Approved? <input type="checkbox"/> Yes <input type="checkbox"/> No	Is Tank Double Walled? <input type="checkbox"/> Yes <input type="checkbox"/> No
Overfill Protection Provided? <input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, identify type: _____

D. PIPING CONSTRUCTION

1. <input checked="" type="checkbox"/> Bare Steel	2. <input type="checkbox"/> Cathodically Protected Steel (With Coating? <input type="checkbox"/> Yes <input type="checkbox"/> No)	3. <input type="checkbox"/> Coated Steel
4. <input type="checkbox"/> Fiberglass	5. <input type="checkbox"/> Other (specify): _____	6. <input type="checkbox"/> Unknown

Cathodic Protection By: <input type="checkbox"/> Sacrificial Anodes or <input type="checkbox"/> Impressed Current	UL Approved? <input type="checkbox"/> Yes <input type="checkbox"/> No	Double Walled <input type="checkbox"/> Yes <input type="checkbox"/> No
---	---	--

E. TANK CONTENTS

1. <input type="checkbox"/> Diesel	2. <input type="checkbox"/> Leaded	3. <input type="checkbox"/> Unleaded	4. <input checked="" type="checkbox"/> Fuel Oil
5. <input type="checkbox"/> Gasohol	6. <input type="checkbox"/> Other	7. <input type="checkbox"/> Empty	8. <input type="checkbox"/> Sand/Gravel/Slurry
9. <input type="checkbox"/> Unknown	10. <input type="checkbox"/> Premix	11. <input type="checkbox"/> Waste Oil	12. <input type="checkbox"/> Propane
13. <input type="checkbox"/> Chemical * _____		14. <input type="checkbox"/> Kerosene	15. <input type="checkbox"/> Aviation

* If # 13 is checked, indicate the chemical name(s) or number(s) of the chemical or waste.

If Tank Abandoned, Give Date (mo/day/yr): August 8, 1989	Has Clean Closure Status Been verified? (see reverse side for details) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
---	---

If installation of a new tank is being reported, indicate who performed the installation inspection:

1. <input type="checkbox"/> Fire Department	2. <input type="checkbox"/> DILHR	3. <input type="checkbox"/> Other (identify) _____
---	-----------------------------------	--

Signature of Person Completing Report: <i>Leroy Bruggink</i>	Date Signed: 10/16/90
---	--------------------------

CHAIN OF CUSTODY RECORD

E&K HAZARDOUS WASTE SERVICES, INC.
E&K GENERAL HAULING, INC.

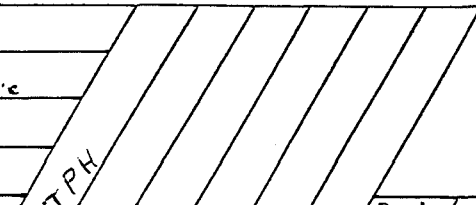
"YOUR WASTE HANDLING ALTERNATIVE"

Transportation • Analytical & Field Services • Tank Removal
 Waste Management • Training Programs
 Emergency Response

2905 Paine Avenue
 P.O. Box 1249
 Sheboygan, WI 53082-1249

Phone 414/458-6030
 Fax 414/452-7254

Client: Willman Enterprises, Inc Analytical Requested _____
 Project No.: 5883
 Sampling Site: 338 S. Main St, Cedar Grove
 Sampler: Ken Weiss



Date	Time	Sample I.D./Description	X							Bottle Total	Sample source	Sample procedure	Remarks/ Comp. or Grab
8/8/89	9 AM	E&K 4537 center BTM Gas Tank	X							402		SCUP	Soil
"	"	E&K 4538 N BTM "	X							"		"	"
"	"	E&K 4539 S BTM "	X							"		"	"
8/8/89	2 PM	E&K 4540 Center BTM Fuel oil	X							402		SCUP	Soil
"	"	" 4541 N BTM "	X							"		"	"
"	"	" 4542 S BTM "	X							"		"	"

Custody Transfers

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
1. <u>Ken Weiss</u>	<u>8/8/89</u>	<u>6 PM</u>	_____	_____	_____
2. _____	_____	_____	_____	_____	_____
3. _____	_____	_____	_____	_____	_____
4. _____	_____	_____	_____	_____	_____

Received for Laboratory: _____

Shipping Details

Method of Shipment: _____

E & K Hazardous Waste Services Inc. Contacts:
 Roger Sacia - Primary
 John Weber - Alternate

Send all results to Mr. Roger Sacia

Additional Comments: _____



ENVIRONMENTAL SERVICES

CHEM-BIO CORPORATION

140 EAST RYAN ROAD OAK CREEK, WI 53154-4599 (414) 764-7005

08/17/89

LABORATORY REPORT

PAGE 1

E188 8438944 W81

E & K HAZARDOUS WASTE SERVICES
2905 PAINE AVENUE P.O. BOX 1249
SHEBOYGAN ,WI 53081
ATTN: SCOTT HANSON


SAMPLE 89223-E02289 SOIL/EK4537 /WILLMAN /#1 /BOTTOM CENTER /GAS
DATE COLLECTED 08/10/89 DATE RECEIVED 08/11/89

TEST NAME	RESULT	UNITS
TOTAL PETROLEUM HYDROCARBONS	<4.0	PPM

PLEASE CONTACT OUR CLIENT SERVICE DEPARTMENT WITH QUESTIONS. REMAINING WASTE SAMPLES WILL BE RETURNED 6 WEEKS FROM THE RECEIVING DATE OF SAMPLE. WATER SAMPLES ARE DISPOSED OF 30 DAYS AFTER RECEIPT. WI DNR LAB CERTIFICATION #241283020/A.I.H.A. ACCREDITED.

N/T = NOT TESTED

N/A = NOT APPLICABLE

APPROVAL 



ENVIRONMENTAL SERVICES

CHEM-BIO CORPORATION

140 EAST RYAN ROAD OAK CREEK, WI 53154-4599 (414) 764-7005

08/17/89

LABORATORY REPORT

PAGE 1

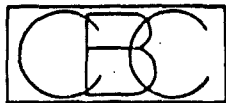
E188 8438944 W81

E & K HAZARDOUS WASTE SERVICES
2905 PAINE AVENUE P.O. BOX 1249
SHEBOYGAN ,WI 53081
ATTN: SCOTT HANSON

SAMPLE 89223-E02290 SOIL/EK4538 /WILLMAN /#2 /BOTTOM NORTH /GAS
DATE COLLECTED 08/10/89 DATE RECEIVED 08/11/89

TEST NAME	RESULT	UNITS
TOTAL PETROLEUM HYDROCARBONS	<4.0	PPM

PLEASE CONTACT OUR CLIENT SERVICE DEPARTMENT WITH QUESTIONS. REMAINING WASTE SAMPLES WILL BE RETURNED 6 WEEKS FROM THE RECEIVING DATE OF SAMPLE. WATER SAMPLES ARE DISPOSED OF 30 DAYS AFTER RECEIPT. WI DNR LAB CERTIFICATION #241283020/A.I.H.A. ACCREDITED.
N/T = NOT TESTED N/A = NOT APPLICABLE APPROVAL



ENVIRONMENTAL SERVICES

CHEM-BIO CORPORATION

140 EAST RYAN ROAD OAK CREEK, WI 53154-4599 (414) 764-7005

08/17/89

LABORATORY REPORT

PAGE 1

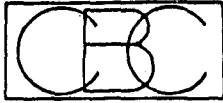
E188 8438944 W81

E & K HAZARDOUS WASTE SERVICES
2905 PAINE AVENUE P.O. BOX 1249
SHEBOYGAN ,WI 53081
ATTN: SCOTT HANSON

SAMPLE 89223-E02292 SOIL/EK4539 /WILLMAN /#3 /BOTTOM SOUTH /GAS
DATE COLLECTED 08/10/89 DATE RECEIVED 08/11/89

TEST NAME	RESULT	UNITS
TOTAL PETROLEUM HYDROCARBONS	<4.0	PPM

PLEASE CONTACT OUR CLIENT SERVICE DEPARTMENT WITH QUESTIONS. REMAINING WASTE SAMPLES WILL BE RETURNED 6 WEEKS FROM THE RECEIVING DATE OF SAMPLE. WATER SAMPLES ARE DISPOSED OF 30 DAYS AFTER RECEIPT. WI DNR LAB CERTIFICATION #241283020/A.I.H.A. ACCREDITED.
N/T = NOT TESTED N/A = NOT APPLICABLE APPROVAL *[Signature]*



ENVIRONMENTAL SERVICES

CHEM-BIO CORPORATION
140 EAST RYAN ROAD OAK CREEK, WI 53154-4599 (414) 764-7005

08/15/89

LABORATORY REPORT

PAGE 1

E188 8438944 W81

E & K HAZARDOUS WASTE SERVICES
2905 PAINE AVENUE P.O. BOX 1249
SHEBOYGAN ,WI 53081
ATTN: SCOTT HANSON

SAMPLE 89223-E02458 SOIL/EK4540 /WILLMAN /#1 /BOTTOM CENTER /DIESEL
DATE COLLECTED 08/10/89 DATE RECEIVED 08/11/89

TEST NAME	RESULT	UNITS
TOTAL PETROLEUM HYDROCARBONS	<4.0	PPM

PLEASE CONTACT OUR CLIENT SERVICE DEPARTMENT WITH QUESTIONS. REMAINING WASTE SAMPLES WILL BE RETURNED 6 WEEKS FROM THE RECEIVING DATE OF SAMPLE. WATER SAMPLES ARE DISPOSED OF 30 DAYS AFTER RECEIPT. WI DNR LAB CERTIFICATION #241283020/A.I.H.A. ACCREDITED.

N/T = NOT TESTED N/A = NOT APPLICABLE APPROVAL *CEC*

FAX #414-764-0486

WI DNR LAB CERTIFICATION #241283020

1-800-365-3840



ENVIRONMENTAL SERVICES

CHEM-BIO CORPORATION

140 EAST RYAN ROAD OAK CREEK, WI 53154-4599 (414) 764-7005

08/17/89

LABORATORY REPORT

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E188 8438944 W81

E & K HAZARDOUS WASTE SERVICES
2905 PAINE AVENUE P.O. BOX 1249
SHEBOYGAN ,WI 53081
ATTN: SCOTT HANSON

SAMPLE 89223-E02459 SOIL/EK4541 /WILLMAN /#2 /BOTTOM NORTH /DIESEL
DATE COLLECTED 08/10/89 DATE RECEIVED 08/11/89

TEST NAME	RESULT	UNITS
TOTAL PETROLEUM HYDROCARBONS	<4.0	PPM

PLEASE CONTACT OUR CLIENT SERVICE DEPARTMENT WITH QUESTIONS. REMAINING WASTE SAMPLES WILL BE RETURNED 6 WEEKS FROM THE RECEIVING DATE OF SAMPLE. WATER SAMPLES ARE DISPOSED OF 30 DAYS AFTER RECEIPT. WI DNR LAB CERTIFICATION #241283020/A.I.H.A. ACCREDITED.

N/T = NOT TESTED N/A = NOT APPLICABLE APPROVAL GEC



ENVIRONMENTAL SERVICES

CHEM-BIO CORPORATION

140 EAST RYAN ROAD OAK CREEK, WI 53154-4599 (414) 764-7005

08/17/89

LABORATORY REPORT

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E & K HAZARDOUS WASTE SERVICES
2905 PAINE AVENUE P.O. BOX 1249
SHEBOYGAN ,WI 53081
ATTN: SCOTT HANSON

SAMPLE 89223-E02460 SOIL/EK4542 /WILLMAN /#3 /BOTTOM SOUTH /DIESEL
DATE COLLECTED 08/10/89 DATE RECEIVED 08/11/89

TEST NAME	RESULT	UNITS
TOTAL PETROLEUM HYDROCARBONS	<4.0	PPM

PLEASE CONTACT OUR CLIENT SERVICE DEPARTMENT WITH QUESTIONS. REMAINING WASTE SAMPLES WILL BE RETURNED 6 WEEKS FROM THE RECEIVING DATE OF SAMPLE. WATER SAMPLES ARE DISPOSED OF 30 DAYS AFTER RECEIPT. WI DNR LAB CERTIFICATION #241283020/A.I.H.A. ACCREDITED.
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