

page 2

Corp District: SD County: Columbia  
Address: 413 South Main St  
Pardeeville  
Legal Municipality: \_\_\_\_\_  
Legal Desc: \_\_\_\_\_ 1/4 \_\_\_\_\_ 1/4 Sec \_\_\_\_\_ T \_\_\_\_\_ R \_\_\_\_\_ E/W

89 Date of Letter: \_\_\_\_/\_\_\_\_/\_\_\_\_ Date Site Closure Approved: 5 / 07 / 91

Funding Source  
 1 = RP  
 2 = LTF  
 3 = EF  
 4 = SF  
 5 = None  
 6 = Other (Describe In Comments)  
 7 = EPA (Emergency Resp)

PECFA Review Requested  
() Yes \_\_\_\_\_ No  
Date PECFA Request Received  
(mm/dd/yy) \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
Lust Trust Eligible  
 1 = Federal  
 2 = Non-Federal

CASE STATUS

	Date Initiated (mm/dd/yy)	Date Completed (mm/dd/yy)	Comments
Investigation (I)	<u>7 / 13 / 89</u>	_____ / _____ / _____	<u>tank removed</u>
Response (R)	_____ / _____ / _____	_____ / _____ / _____	_____
Action (C)	_____ / _____ / _____	_____ / _____ / _____	_____
Term Monitoring (L)	_____ / _____ / _____	_____ / _____ / _____	_____

Appropriate	Known Impacts (✓)	Potential Impacts (✓)	Substances (✓)
Explosion Threat (1)	_____	_____	<input checked="" type="checkbox"/> Leaded Gas(1) _____ VOCS (6)
Contaminated Private Well (2)	_____	_____	_____ Unleaded Gas (2) _____ Pesticide (7)
Contaminated Public Well (3)	_____	_____	_____ Diesel (3)
Groundwater Contamination (4)	_____	_____	_____ Fuel Oil (4)
Soil Contamination (5)	<input checked="" type="checkbox"/>	_____	_____ Unknown Hydrocarbons (5)
Other: (6)	_____	_____	_____ Other (8)
			Quantity Discharged _____

Responsible party Mark B. Bond Consultant: Aqua-Tech  
Name: General Indicator Contact: James Mertes  
Address: 413 S. Main St P.O. Box 97  
Pardeeville, 53954  
Telephone: \_\_\_\_\_ / \_\_\_\_\_  
(list additional on separate list and attach.)  
Amount Committed: \$ \_\_\_\_\_  
Amount Spent: \$ \_\_\_\_\_  
(list additional on separate list and attach.)

ENFORCEMENT ACTION TAKEN

- |  |                           |                             |                           |
|--|---------------------------|-----------------------------|---------------------------|
| 01 = Inf. Contact, Resp Initiated        | 08 = Adequate Response    | 15 = Formal Enf Conf        | 22 = Draft Referral       |
| 02 = RP Letter, Resp Initiated           | 09 = Progress Being Made  | 16 = Enf Conf. Letter       | 23 = Referral to DOJ      |
| 03 = NTC of Non Compliance               | 10 = Defer Enforcement    | 17 = Admin. Order Proposed  | 24 = Referral to DA       |
| 04 = Inf. Enf. Conf, Resp Initiated      | 11 = Close Out            | 18 = Admin. Order Final     | 25 = Referral to EPA      |
| 05 = Follow-up Enf. Conf, Resp Initiated | 12 = Recommend NFA        | 19 = Admin. Order Modified  | 26 = Continuing Violation |
| 06 = Inspection Letter                   | 13 = FWD to Secondary Enf | 20 = Admin. Order Cancelled | 27 = See Next Violation   |
| 07 = Response Received                   | 14 = Notice of Violation  | 21 = Contest Case Hearing   | 28 = Site Inspection      |
- 99 = Other Action: \_\_\_\_\_

ACTION (code from above)	DATE (mm/dd/yy)	COMMENT
<u>07</u>	<u>11 / 1 / 89</u>	<u>site assessment</u>
<u>11</u>	<u>5 / 7 / 91</u>	<u>closeout</u>

(list additional on separate list and attach.)



## CORRESPONDENCE/MEMORANDUM

DATE: August 20, 2004

FILE REF: 03-11-000255  
03-11-001014

TO: General Indicator Corporation File  
413 South Main Street, Pardeeville

FROM: Linda Hanefeld, Hydrogeologist – Dodgeville Service Center

SUBJECT: Two BRRTS Numbers Assigned to the Same Tank Pull/Site

While reviewing the file for Compudyne/General Indicator Corporation/Everbrite/Pardeeville Municipal Well #2, I noticed that there were two BRRTS numbers assigned to General Indicator Corp. Those two numbers are shown above under "FILE REF:" As it turns out, these two BRRTS numbers are referring to the same site/tank pull event.

The 03-11-000255 site was opened on 7/13/89. This was the date that the tank pull occurred. Karl Roovers, then Waste Management Specialist for the Department, was on-site when the tank was removed. Roovers completed a spill report form and it is likely this is how the 03-11-000255 BRRTS number came into being. This BRRTS number has never been closed out.

The tank assessment report (with data) for this same tank pull was dated November 1, 1989. This date coincides with the notification date for the 03-11-001014 BRRTS number. The data indicated the contamination was below 10ppm TPH in all 3 samples collected. On May 7, 1991, the case was granted closure through the closure committee review process.

After reviewing the documentation, it appears these two numbers refer to the same incident.

I suggest BRRTS number 03-11-000255 be amended to reflect that it is the same tank as the closed tank/site number 03-11-001014.

cc: Mike Solomon, Bureau of Cooperative Environmental Assistance



State of Wisconsin

DEPARTMENT OF NATURAL RESOURCES

Carroll D. Besadny, Secretary

Horicon Area Headquarters  
1210 N. Palmatory Street  
Horicon, WI 53032

May 21, 1991

File Ref: 4440  
UST Columbia County

Mr. Mark B. Bond  
General Indicator Corporation  
413 South Main Street  
P.O. Box 97  
Pardeeville, WI 53954

Subject: UST Close Out - General Indicator Corporation, Pardeeville

Dear Mr. Bond:

On May 7, 1991, the Southern District Close Committee held a project close out review session. I presented your project for review and possible close out. After review of the project documents on file at my office, it was determined your project appeared to comply with the necessary requirements, and thus could be closed out. Although we would not expect to experience further problems as a result of the release, it is possible some future developments or information may warrant reopening of the project. Please be advised the current decision to close out the project does not preclude reopening of the project.

Thank you for your cooperation, and please feel free to contact me at (414) 485-3021.

Sincerely,

*Mark F. Putra*  
Mark F. Putra *mj*  
Hydrogeologist

cc: Wendell Wojner - SD

CASE SUMMARY AND CLOSE-OUT FORM

NAME OF SITE: GENERAL INDICATOR CORPORATION high/med/low: \_\_\_\_\_

RP: GENERAL INDICATOR CORPORATION date/rp letter: \_\_\_\_\_

LOCATION: PARDEEVILLE

TYPE OF DISCHARGE: LUST  SPILL  UNKNOWN

CONTAMINATION PRESENT IN: SOILS  GROUNDWATER  OTHER  UNKNOWN

\*\*\* LUST INFORMATION \*\*\*

tank excavation date: 7/13/89 site assess. consultant: AQUA TECH

# tanks, size, product, etc.: 500 GALLON <sup>LEADED</sup> GASOLINE INSTALLED IN 1967

soils: UNKNOWN

depth to bedrock/rock type: depth to groundwater/direction of flow:  
UNKNOWN

Investigation/Remediation consultant: AQUA TECH

Laboratory testing soils/~~water~~: \_\_\_\_\_

\*\*\* DEGREE OF CONTAMINATION \*\*\*

SOIL: extent defined? Y/N  NA

Lab analysis:  Field analysis  No data   
Number of sampling points: 3

Contaminant	Preremediation Concentration	Post Remediation Concentration

Remedial Action Taken: \_\_\_\_\_

Remedial Action Completed: Y/N

GROUNDWATER: extent defined? Y/N \_\_\_ NA \_\_\_

Lab analysis: \_\_\_ Field Analysis \_\_\_ No data \_\_\_

Permanent Wells Y/N \_\_\_ Temp. Wells Y/N \_\_\_

Contaminant	Preremediation Concentration	Post Remediation Concentration

Remedial Action Taken: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

GW Remedial Action Completed: Y/N \_\_\_

Has this site been remediated to current standards? Y/N \_\_\_

CASE SUMMARY: Karl Roovers was present at tank removal, tank was removed, soils were field screened, 50 cu brz yards went to landfill, 3 samples from bottom of excavation were < 10ppm TPH

COMMITTEE RECOMMENDATION:

REMEDIAL ACTION COMPLETE? YES- CASE CLOSEOUT

signatures

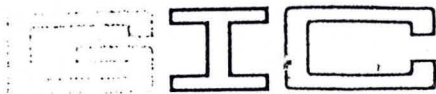
[Signature] 5-7-91  
[Signature] 5/8/91  
[Signature] 5/9/91

REMEDIAL ACTION COMPLETE? NO-

FURTHER WORK NEEDED: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



general indicator corporation

413 SOUTH MAIN STREET  
P.O. BOX 97  
PARDEEVILLE, WISCONSIN 53954  
(608) 429-2121

*SD*

*Release*

November 1, 1989

Wisconsin DNR  
Bureau of Solid and Hazardous  
Waste Management  
P.O. Box 7921  
Madison, WI 53707

*(over-identification) -  
Should be LUST case-tracked  
Maybe can be closed  
based on info in report.*

Dear Sir:

Enclosed are copies of our site assessment and closure assessment for the 500 gallon gasoline tank which was removed and disposed on July 13, 1989. The underground tank was not replaced.

In various communications, it was discovered that two (2) tanks were registered, one (1) 500 gallon and one (1) 250 gallon tank. We could not find any records of the tank being registered, and so to insure compliance, the tank was unknownly re-registered. An error on my part, described the tank as a 250 gallon tank instead of the correct 500 gallon tank. Your ID number on the 500 gallon tank is 11083-3. On the second tank, I can only read the last three digits (-139). A new tank inventory form showing removal, is attached.

A copy of this is being mailed to DILHR as required. Please feel free to contact me if you have any questions.

Sincerely yours,

GENERAL INDICATOR CORPORATION

*Mark B. Bond*

Mark B. Bond  
Plant Engineer

*Columbia Co.*

MB:mm

Enclosure

cc: DILHR

# GIC general indicator corporation

413 SOUTH MAIN STREET  
P.O. BOX 97  
PARDEEVILLE, WISCONSIN 53954  
(608) 429-2121

November 1, 1989

Wisconsin DILHR  
Bureau of Petroleum Inspection and Fire Protection  
Box 7969  
Madison, WI 53707

Dear Sir:

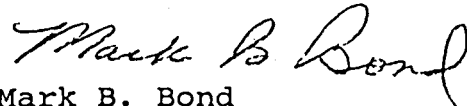
Enclosed are copies of our site assessment and closure assessment for the 500 gallon gasoline tank which was removed and disposed on July 13, 1989. The underground tank was not replaced.

In various communications, it was discovered that two (2) tanks were registered, one (1) 500 gallon and one (1) 250 gallon tank. We could not find any records of the tank being registered, and so to insure compliance, the tank was unknownly re-registered. An error on my part, described the tank as a 250 gallon tank instead of the correct 500 gallon tank. Your ID number on the 500 gallon tank is 11083-3. On the second tank, I can only read the last three digits (-139). A new tank inventory form showing removal, is attached.

A copy of this is being mailed to Wisconsin DNR as required. Please feel free to contact me if you have any questions.

Sincerely yours,

GENERAL INDICATOR CORPORATION



Mark B. Bond  
Plant Engineer

MB:mm

Enclosure

cc: Wisconsin DNR



# **AQUA-TECH**

## **GROCE LABORATORIES**

November 1, 1989

Mr. Mark Bond  
General Indicator Corp.  
413 South Main Street  
Pardeeville, WI 53954

Dear Mr. Bond:

Enclosed is the underground tank bed assessment for the 500 gallon gasoline tank removed at General Indicator, Pardeeville, Wisconsin on July 13, 1989.

Copies of the assessment must be submitted to both the Wisconsin Department of Industry, Labor and Human Relations (DILHR) and the Wisconsin Department of Natural Resources (DNR) at the following addresses:

Wisconsin Department of Industry, Labor and Human Relations  
Bureau of Petroleum Inspection and Fire Protection  
P.O. Box 7969  
Madison, WI 53707

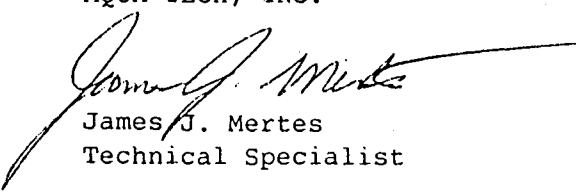
Wisconsin Department of Natural Resources  
Bureau of Solid and Hazardous Waste Management  
P.O. Box 7921  
Madison, WI 53707

The DNR will review the site assessment and based on the detection levels identified and the specific features of the site, a decision will be made on whether further action or investigation is required.

If you have any questions regarding these results, please do not hesitate to contact me.

Sincerely,

AQUA-TECH, INC.



James J. Mertes  
Technical Specialist

JJM/er

Enclosure

UNDERGROUND  
PETROLEUM PRODUCT  
TANK INVENTORY

Send Completed Form To:  
Safety & Buildings Div.  
Fire Prevention Section  
P.O. Box 7969  
Madison, WI 53707  
Telephone (608) 266-7874

For Office Use Only:  
Tank ID #

NOTE: (2) TANKS REGISTERED - THIS ONE WAS IN ERROR  
ONLY (1) TANK WAS HERE.

Instructions

This form is to be completed pursuant to Section 101.142, Wis. Stats., to register all underground tanks in Wisconsin that have stored, currently store or will 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 (including 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 Individual Tank  
Registration Applies  
To (check one):

1.  Tank still in active use
2.  Inoperative or abandoned tank with product still in tank
3.  Inoperative or abandoned tank with no known product in tank
4.  Location for which tank has been removed REMOVED FROM SERVICE 7/13/89
5.  New tank to be installed (provide date): \_\_\_\_\_

A. IDENTIFICATION

1. Name of Installation <b>General Indicator Corporation</b>			2. Name for Mailing if Different Than #1		
Street Address of Installation <b>413 South Main Street</b>			Mailing Address if Different Than #1		
<input type="checkbox"/> City	<input checked="" type="checkbox"/> Village	<input type="checkbox"/> Town of: <b>Pardeeville</b>	<input type="checkbox"/> City	<input type="checkbox"/> Village	<input type="checkbox"/> Town of:
State <b>WI</b>	Zip Code <b>53954</b>	County <b>Columbia</b>	State	Zip Code	County
3. Name of Contact Person <b>Mark B. Bond</b>			4. Name of Owner if Different from #3 <b>General Indicator Corporation</b>		
Street Address <b>413 S. Main Street</b>			Street Address <b>2701 International Lane</b>		
<input type="checkbox"/> City	<input checked="" type="checkbox"/> Village	<input type="checkbox"/> Town of: <b>Pardeeville</b>	<input checked="" type="checkbox"/> City	<input type="checkbox"/> Village	<input type="checkbox"/> Town of: <b>Madison</b>
State <b>WI</b>	Zip Code <b>53954</b>	County <b>Columbia</b>	State <b>WI</b>	Zip Code <b>53708</b>	County <b>Dane</b>
Telephone Number (include area code) <b>(608) 429-2121</b>			Telephone Number (include area code) <b>(608) 241-7100</b>		
5. Fire Department Name and ID # <b>Pardeeville Volunteer Fire Dept. #11083</b>		6. Tank Age (date installed, if known; or years old) <b>Unknown</b>		7. If Tank Abandoned, Give Date (mo / day / yr)	
8. Tank Capacity (in gallons) <b>250</b>		9. Tank Manufacturer's Name, if known: <b>Unknown</b>			

B. TANK CONSTRUCTION:

1.  Bare Steel
2.  Cathodically Protected Steel
3.  Coated Steel
4.  Fiberglass
5.  Other (specify): \_\_\_\_\_

C. TANK CONTENTS:

1.  Diesel
2.  Leaded Gasoline
3.  Unleaded Gasoline
4.  Fuel Oil
5.  Gasohol
6.  Other (specify): \_\_\_\_\_

D. TYPE OF USER (check one):

1.  Gas Station
2.  Bulk Storage
3.  Utility
4.  Mercantile
5.  Industrial
6.  Government
7.  School
8.  Residential
9.  Agricultural
10.  Other (specify): \_\_\_\_\_

Signature of Person Completing Form:

*Mark B Bond*

Date Completed:

*November 2, 1989*

NOTE: THERE ARE NO UNDERGROUND TANKS REMAINING ON GENERAL INDICATOR PROPERTY.

Wisconsin Department of Industry, Labor and Human Relations

UNDERGROUND PETROLEUM PRODUCT TANK INVENTORY

Send Completed Form To: Safety & Buildings Div. Fire Prevention Section P.O. Box 7969 Madison, WI 53707 Telephone (608) 266-7874

For Office Use Only: Tank ID # 11083-9

Instructions

This form is to be completed pursuant to Section 101.142, Wis. Stats., to register all underground tanks in Wisconsin that have stored, currently store or will 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 (including 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 Individual Tank Registration Applies To (check one):

- 1.  Tank still in active use
- 2.  Inoperative or abandoned tank with product still in tank
- 3.  Inoperative or abandoned tank with no known product in tank
- 4.  Location for which tank has been removed *Removed from SERVICE 7/13/89*
- 5.  New tank to be installed (provide date): \_\_\_\_\_

A. IDENTIFICATION

1. Name of Installation <i>General Indicator Corp.</i>			2. Name for Mailing if Different Than #1		
Street Address of Installation <i>413 S. MAIN</i>			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:
State <i>WI</i>	Zip Code <i>53954</i>	County <i>Columbia</i>	State	Zip Code	County
3. Name of Contact Person <i>MARIC B. BOND</i>			4. Name of Owner if Different from #3		
Street Address <i>SAME</i>			Street Address		
<input type="checkbox"/> City	<input type="checkbox"/> Village	<input type="checkbox"/> Town of:	<input type="checkbox"/> City	<input type="checkbox"/> Village	<input type="checkbox"/> Town of:
State	Zip Code	County	State	Zip Code	County
Telephone Number (include area code)			Telephone Number (include area code)		

5. Fire Department Name and ID # <i>Pandeville Fire Dept.</i>		6. Tank Age (date installed, if known; or years old) <i>APPROX. 18 years</i>		7. If Tank Abandoned, Give Date (mo; day; yr)	
8. Tank Capacity (in gallons) <i>500</i>		9. Tank Manufacturer's Name, if known:			

B. TANK CONSTRUCTION:

- 1.  Bare Steel
- 2.  Cathodically Protected Steel
- 3.  Coated Steel
- 4.  Fiberglass
- 5.  Other (specify): \_\_\_\_\_

C. TANK CONTENTS:

- 1.  Diesel
- 2.  Leaded Gasoline
- 3.  Unleaded Gasoline
- 4.  Fuel Oil
- 5.  Gasohol
- 6.  Other (specify): \_\_\_\_\_

D. TYPE OF USER (check one):

- 1.  Gas Station
- 2.  Bulk Storage
- 3.  Utility
- 4.  Mercantile
- 5.  Industrial
- 6.  Government
- 7.  School
- 8.  Residential
- 9.  Agricultural
- 10.  Other (specify): \_\_\_\_\_

Signature of Person Completing Form:

*Maric B. Bond*

Date Completed:

*11/2/89*

UNDERGROUND STORAGE TANK CLOSURE ASSESSMENT

FOR

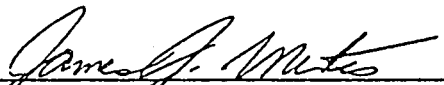
GENERAL INDICATOR CORPORATION

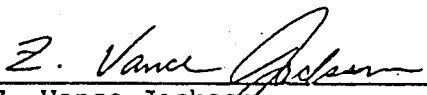
413 SOUTH MAIN STREET

PARDEEVILLE, WISCONSIN

NOVEMBER 1, 1989

SIGNATURE PAGE  
FOR  
UNDERGROUND STORAGE TANK CLOSURE ASSESSMENT  
FOR  
GENERAL INDICATOR CORPORATION  
413 SOUTH MAIN STREET  
PARDEEVILLE, WISCONSIN

Prepared By:  Date: 11-1-89  
James J. Meites  
Technical Specialist  
Aqua-Tech, Inc.

Reviewed By:  Date: 11-1-89  
Z. Vance Jackson  
Hydrogeologist  
Aqua-Tech, Inc.

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## 1.0 SUMMARY

Aqua-Tech, Inc. was contracted by General Indicator Corp. on July 12, 1989, to conduct an underground storage tank closure assessment for the removal of one 500 gallon gasoline tank located at 413 South Main Street, Pardeeville, Wisconsin. The tank closure assessment included the following:

- \* Screening the tank bed for volatile compounds with a photoionization meter.
- \* Collection of three (3) soil samples and laboratory analysis of the samples for Total Petroleum Hydrocarbons (TPH) as gasoline.
- \* Documentation of sampling procedures and soil conditions at the tank bed excavation.

The results of the assessment indicate that after the removal and disposal of 50 cubic yards of contaminated soil, THE SOILS AT THE SITE ARE NO LONGER BELIEVED TO BE CONTAMINATED WITH GASOLINE. 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 (<2 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 GASOLINE.

AQUA-TECH, INC. RECOMMENDS NO FURTHER INVESTIGATION OR CORRECTIVE ACTION AT THIS SITE.

## 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 General Indicator site. Individual subsections address specific assessment activities including field observations, sampling procedures, and chain-of-custody procedures.

### 2.2 Background Information

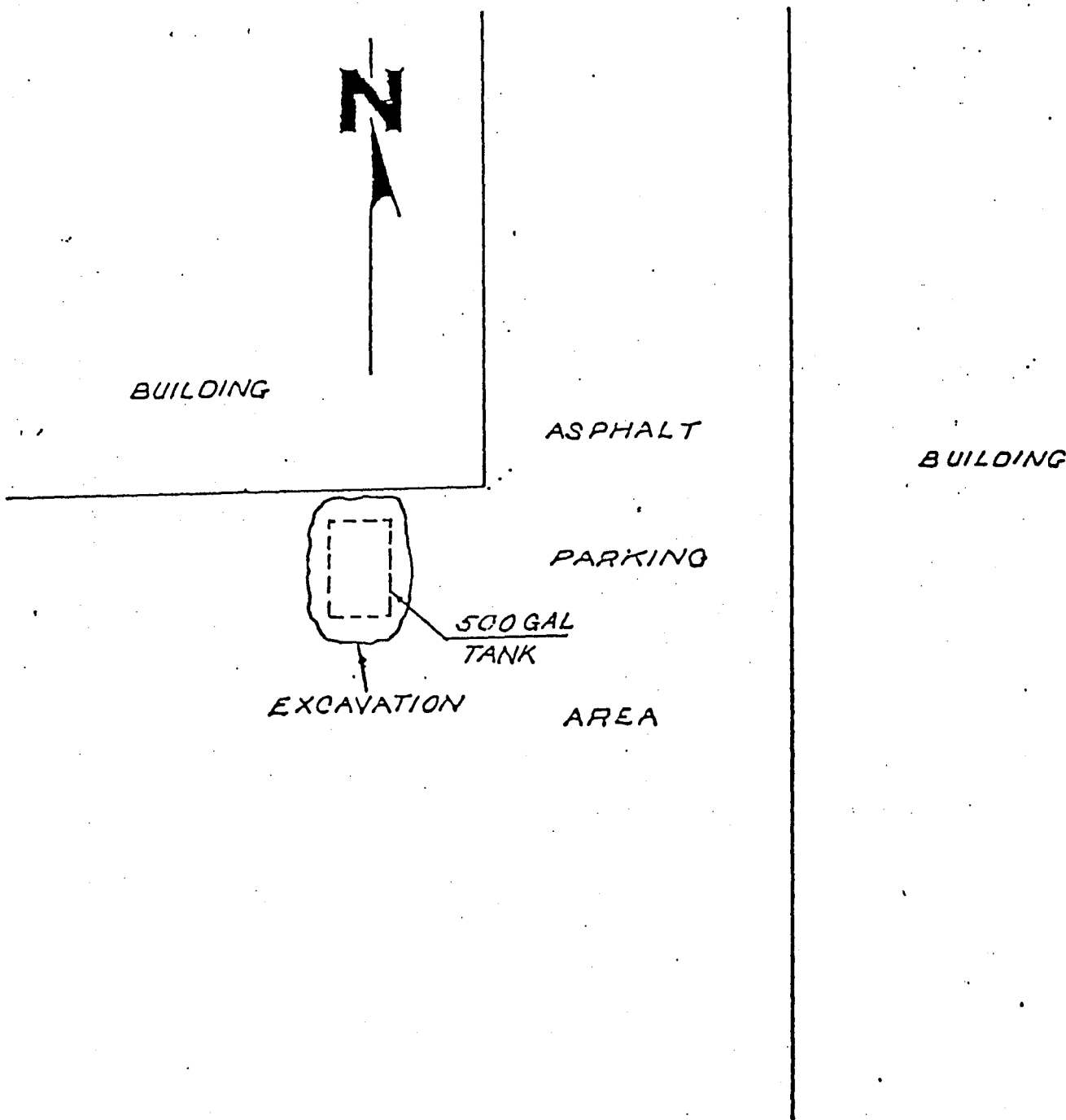
A 500 gallon underground storage tank and associated piping was removed from the site at 413 South Main Street, Pardeeville, Wisconsin on July 13, 1989 (See Figure 2-1). The tank was installed in approximately 1967 and contained leaded gasoline. The tank was removed to meet the new federal regulations and was not suspected of leaking.

The tank is on record in the computer inventory at the Wisconsin Department of Industry, Labor, and Human Relations (DILHR) Bureau of Petroleum Inspection and Fire Protection. A copy of two DILHR records are provided in Appendix A. Both records are believed to be for the 500 gallon tank removed on July 13, 1989. According to Mark Bond, General Indicator Corp. site manager, there has never been two underground storage tanks on the property.

### 2.3 Field Observations

Aqua-Tech personnel arrived at the site on July 13, 1989 at 11:00 A.M. to observe the tank removal process. A 500 gallon tank had just been excavated by Larry Bardon Excavating, Pardeeville, Wisconsin. Initial photoionization meter screening of the tank bed produced readings as high as

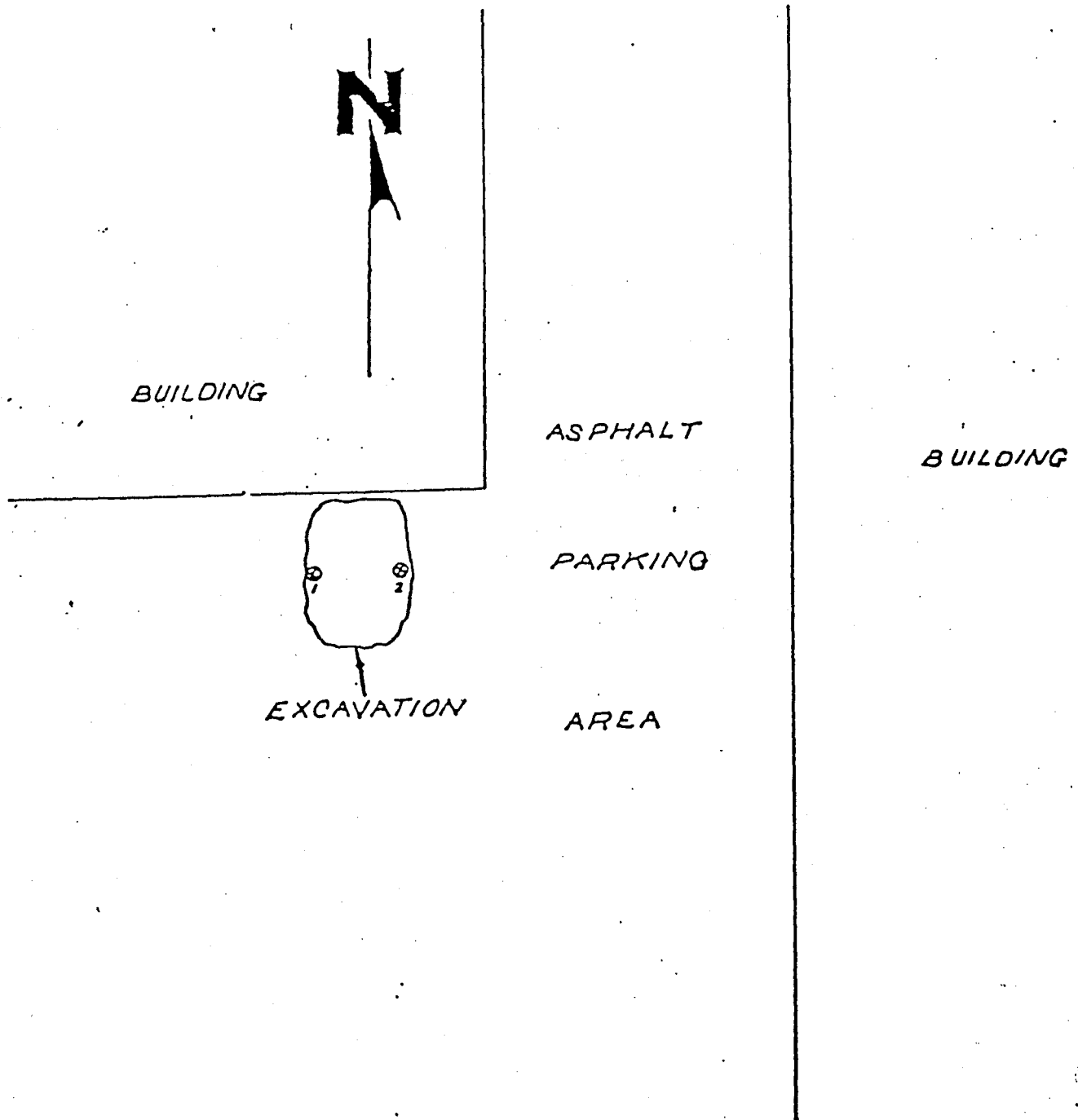
SITE FEATURES SKETCH



GENERAL INDICATOR  
PARDEEVILLE, W.V.

**AQUA-TECH**  
GROCE LABORATORIES

SOIL SAMPLING LOCATION SKETCH



GENERAL INDICATOR  
PARDEEVILLE, HI.

**AQUA-TECH**  
GROCE LABORATORIES

200 ppm.. Contaminated soil was then excavated from the tank bed until photoionization meter readings in the excavation were less than 3 ppm.

Approximately 50 cubic yards of gasoline contaminated soil was removed from the excavation and stockpiled on-site (overlain and underlain with an impermeable membrane) while laboratory analysis results and land fill disposal approval were secured. The soil was then transported by Alliance Transportation Service, Madison, Wisconsin to Valley Sanitation Landfill, Fort Atkinson, Wisconsin.

Karl Roovers, Wisconsin Department of Natural Resources - Horicon, Underground Storage Tank Investigator, was present during the tank removal.

#### 2.4 Sampling Procedures

Three (3) soil samples were collected on July 13, 1989, by Mitch Evenson of Aqua-Tech at locations depicted in Figure 2-2. Soil samples were collected from the excavation floor of the tank bed and from stockpiled contaminated soil. A photoionization meter was used for field screening of soil samples. Results of the photoionization meter survey are recorded in Table 3-1. 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.

#### 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 provided 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 a 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) as gasoline and benzene, toluene, ethyl benzene and xylene using U.S. EPA Methods 5030 and 8020.

#### 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 soil samples collected from the excavated tank bed revealed no contaminants above the 10 ug/g Wisconsin Department of Industry, Labor and Human Relations (DILHR) remedial action level. However, TPH's at 28 ug/g and xylene at 3.8 ug/g were identified in the contaminated stockpiled soil at the site. This material was transported to Valley Sanitation Landfill, Fort Atkinson, Wisconsin by Alliance Transportation Service, Madison, Wisconsin. Table 3-1 contains complete results of the chemical analysis for each sample.



TABLE 3-1

ANALYTICAL RESULTS OF  
AQUA-TECH COLLECTED SOIL SAMPLES

FOR

GENERAL INDICATOR CORPORATION

SAMPLING DATE: JULY 13, 1989

<u>Parameter</u>	<u>Sample #1 West Excavation Floor</u>	<u>Sample #2 East Excavation Floor</u>	<u>Sample #3 Stockpile</u>	<u>Sample #3 Duplicate</u>
TPH Gasoline*	<10 ug/g	<10 ug/g	28 ug/g	8.0 ug/g
Total Solids	94%	97%	95%	----
pH	----	----	7.89	----
Flash Point	----	----	150°F	----
Benzene	----	----	<1 ug/g	<1 ug/g
Toluene	----	----	<1 ug/g	<1 ug/g
Ethyl benzene	----	----	<1 ug/g	<1 ug/g
Xylene	----	----	3.8 ug/g	6.2 ug/g
Field Photoionization Meter Reading	1 ppm	2 ppm	200 ppm	200 ppm

\* 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 tank bed site.

### 4.2 Soil

After the removal of approximately 50 cubic yards of contaminated soil, petroleum products were no longer detected in the tank bed excavation at concentrations above the 10 ug/g DILHR remedial action level. In addition, field screening of the samples with a photoionization meter did not indicate any readings above 3 ppm of volatile organic compounds.

### 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 WDOT site is unknown. However, groundwater is not believed to be contaminated by petroleum product due to the limited amount of contaminated soil identified.

## 5.0. RECOMMENDATIONS

After completing the environmental site assessment of the General Indicator Corporation underground storage tank site closure, Aqua-Tech, Inc. does not recommend any further investigation or corrective action at the site. 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

Wisconsin Department of  
Industry, Labor and  
Human Relations

UNDERGROUND  
PETROLEUM PRODUCT  
TANK INVENTORY

Send Completed Form To:  
Safety & Buildings Div.  
Fire Prevention Section  
P.O. Box 7969  
Madison, WI 53707  
Telephone (608) 266-7874

For Office Use Only  
Tank ID # 11083-9

RECEIVED

JUL 23 1985

Instructions

SAFETY & BLDGS. DIV.

This form is to be completed pursuant to Section 101.142, Wis. Stats., to register all underground tanks in Wisconsin that have stored, currently store or will 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 (including 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 Individual Tank  
Registration Applies  
To (check one):

1.  Tank still in active use
2.  Inoperative or abandoned tank with product still in tank
3.  Inoperative or abandoned tank with no known product in tank
4.  Location for which tank has been removed
5.  New tank to be installed (provide date): \_\_\_\_\_

A. IDENTIFICATION

1. Name of Installation <b>General Indicator Corp.</b>			2. Name for Mailing if Different Than #1		
Street Address of Installation <b>413 S. MAIN</b>			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:
State <b>WI.</b>	Zip Code <b>53954</b>	County <b>Columbia</b>	State	Zip Code	County
3. Name of Contact Person <b>Tom Cross</b>			4. Name of Owner if Different from #3		
Street Address <b>SAME</b>			Street Address		
<input type="checkbox"/> City	<input type="checkbox"/> Village	<input type="checkbox"/> Town of:	<input type="checkbox"/> City	<input type="checkbox"/> Village	<input type="checkbox"/> Town of:
State	Zip Code	County	State	Zip Code	County
Telephone Number (include area code)			Telephone Number (include area code)		

5. Fire Department Name and ID # <b>Pardesville Fire Dept.</b>		6. Tank Age (date installed, if known; or years old) <b>Approx. 18 years</b>		7. If Tank Abandoned, Give Date (mo : day : yr)	
8. Tank Capacity (in gallons) <b>500</b>		9. Tank Manufacturer's Name, if known:			

B. TANK CONSTRUCTION:

1.  Bare Steel
2.  Cathodically Protected Steel
3.  Coated Steel
4.  Fiberglass
5.  Other (specify): \_\_\_\_\_

C. TANK CONTENTS:

1.  Diesel
2.  Leaded Gasoline
3.  Unleaded Gasoline
4.  Fuel Oil
5.  Gasohol
6.  Other (specify): \_\_\_\_\_

D. TYPE OF USER (check one):

1.  Gas Station
2.  Bulk Storage
3.  Utility
4.  Mercantile
5.  Industrial
6.  Government
7.  School
8.  Residential
9.  Agricultural
10.  Other (specify): \_\_\_\_\_

Signature of Person Completing Form: <b>Tom Cross</b>	Date Completed: <b>7-22-85</b>
--	-----------------------------------

**UNDERGROUND  
PETROLEUM PRODUCT  
TANK INVENTORY**

Wisconsin Department of  
Industry, Labor and  
Human Relations

Send Completed Form To:  
Safety & Buildings Div.  
Fire Prevention Section  
P.O. Box 7969  
Madison, WI 53707  
Telephone (608) 266-7874

For Office Use Only:  
Tank ID # 137

**Instructions**

This form is to be completed pursuant to Section 101.142, Wis. Stats., to register all underground tanks in Wisconsin that have stored, currently store or will 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 (including 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 Individual Tank  
Registration Applies  
To (check one):

1.  Tank still in active use
2.  Inoperative or abandoned tank with product still in tank
3.  Inoperative or abandoned tank with no known product in tank
4.  Location for which tank has been removed
5.  New tank to be installed (provide date): \_\_\_\_\_

**RECEIVED**

JUN - 2 1987

**SAFETY & BUILDINGS**

**A. IDENTIFICATION**

1. Name of Installation <b>General Indicator Corporation</b>			2. Name for Mailing if Different Than # 1		
Street Address of Installation <b>413 South Main Street</b>			Mailing Address if Different Than #1		
<input type="checkbox"/> City	<input checked="" type="checkbox"/> Village	<input type="checkbox"/> Town of: <b>Pardeeville</b>	<input type="checkbox"/> City	<input type="checkbox"/> Village	<input type="checkbox"/> Town of:
State <b>WI</b>	Zip Code <b>53954</b>	County <b>Columbia</b>	State	Zip Code	County
3. Name of Contact Person <b>Mark B. Bond</b>			4. Name of Owner if Different from #3 <b>General Indicator Corporation</b>		
Street Address <b>413 S. Main Street</b>			Street Address <b>2701 International Lane</b>		
<input type="checkbox"/> City	<input checked="" type="checkbox"/> Village	<input type="checkbox"/> Town of: <b>Pardeeville</b>	<input checked="" type="checkbox"/> City	<input type="checkbox"/> Village	<input type="checkbox"/> Town of: <b>Madison</b>
State <b>WI</b>	Zip Code <b>53954</b>	County <b>Columbia</b>	State <b>WI</b>	Zip Code <b>53708</b>	County <b>Dane</b>
Telephone Number (include area code) <b>(608) 429-2121</b>			Telephone Number (include area code) <b>(608) 241-7100</b>		
5. Fire Department Name and ID # <b>Pardeeville Volunteer Fire Dept. #11083</b>		6. Tank Age (date installed, if known; or years old) <b>Unknown</b>		7. If Tank Abandoned, Give Date (mo / day / yr)	
8. Tank Capacity (in gallons) <b>250</b>		9. Tank Manufacturer's Name, if known: <b>Unknown</b>			

**B. TANK CONSTRUCTION:**

1.  Bare Steel
2.  Cathodically Protected Steel
3.  Coated Steel
4.  Fiberglass
5.  Other (specify): \_\_\_\_\_

**C. TANK CONTENTS:**

1.  Diesel
2.  Leaded Gasoline
3.  Unleaded Gasoline
4.  Fuel Oil
5.  Gasohol
6.  Other (specify): \_\_\_\_\_

**D. TYPE OF USER (check one):**

1.  Gas Station
2.  Bulk Storage
3.  Utility
4.  Mercantile
5.  Industrial
6.  Government
7.  School
8.  Residential
9.  Agricultural
10.  Other (specify): \_\_\_\_\_

Signature of Person Completing Form:

*Mark B Bond*

Date Completed:

*1 JUNE 1987*

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 CONTAINERS	<div style="display: flex; justify-content: space-around; text-align: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Total Solids</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">pH, Flash Point</div> </div>				REMARKS		
SAMPLERS: (Signature)												
LAB NO.	DATE	TIME	COMP	GRAB							STATION LOCATION	
W1858A	7/13/89			X	Sample-A- #1	1	X	X			HVO - 1 ppm	
W1858B	7/13/89			X	Sample-B- #2	1	X	X			HVO - 2 ppm	
W1858C	7/13/89			X	stock pile	3	X	X	X		HVO - 200 ppm	
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Date / Time		Report to:				
<i>[Signature]</i>		7/13/89 5pm						Name _____				
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Date / Time		Street _____				
								City _____ State _____ Zip _____				
Relinquished by: (Signature)		Date / Time		Received for Laboratory by: (Signature)						Phone no. (____) _____		
		7/13 5pm		<i>Mark Pule</i>								
Remarks								Remarks				



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	10
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.

## CORRESPONDENCE/MEMORANDUM

Date: August 15, 1989  
To: File  
From: Karl Roovers  
Subject: General Indicator Corporation, Pardeeville, Columbia County,  
Underground Fuel Tank Removal

On 7-13-1989 I met Mark Bond on site to observe the removal of a 500 gal. gasoline tank. Representatives of Aquasearch were on site to direct removal.

The steel tank that was removed was in fairly good condition but had some slight corrosion and possible pinholes.

Soils in the bottom of the excavation had Hnu readings to around 200 PPM. Readings at the side of the excavation showed little contamination.

Soils from the bottom of the excavation were removed until Hnu readings reached the 2-3 PPM range. This soil (about 10 cu.yds.) was stock piled on plastic and covered with plastic. Composite samples were taken for lab analysis, preceding disposal. The tank was to be taken to the Arnold Went property.

kpr

cc: Joe Brusca, SD

DEPARTMENT OF NATURAL RESOURCES

7/18/89  
ERRP TRACKING FORM  
FORM 4400  
REV. 3/89

COUNTY: <input checked="" type="checkbox"/> COLUMBIA <input type="checkbox"/> DANE <input type="checkbox"/> DOOG <input type="checkbox"/> FONDDULAC <input type="checkbox"/> GRANT <input type="checkbox"/> GREEN <input type="checkbox"/> GREEN LAKE <input type="checkbox"/> IOWA <input type="checkbox"/> JEFFERSON <input type="checkbox"/> LAFAYETTE <input type="checkbox"/> MARQUETTE <input type="checkbox"/> RICHLAND <input type="checkbox"/> ROCK <input type="checkbox"/> SAUK	PROGRAM: <input type="checkbox"/> ABANDONED CONTAINERS <input type="checkbox"/> CONTAMINATION/OTHER <input type="checkbox"/> ERP PROJECT	LUST-USE LUST Form <input type="checkbox"/> SPILLS	<input checked="" type="checkbox"/> NR 181 <input type="checkbox"/> NR 500 <input type="checkbox"/> OTHER	<input type="checkbox"/> SUPERFUND
	STATUS OF PROJECT: <input checked="" type="checkbox"/> ACTIVE <input type="checkbox"/> MAINTENANCE	<input type="checkbox"/> INACTIVE <input type="checkbox"/> CLOSED	FUNDING: <input type="checkbox"/> STATE <input type="checkbox"/> FEDERAL <input checked="" type="checkbox"/> UNFUNDED <input checked="" type="checkbox"/> RESP/PARTY	

SITE NAME: GENERAL INDICATOR CORP.  
 LOCATION: (st. or rt.) 413 S. MAIN ST.  
 CITY: PAROEEVILLE WI. ZIP: 53954  
 LEGAL DESC: 1/4 1/4 SEC. T R

POTENTIAL RESPONSIBLE PARTY:      CHECK IF UNKNOWN  
 NAME: COMPTON, MILLARD PRYOR  
 ADDRESS: 90 STATE HOUSE SQUARE, HARTFORD CT  
 PHONE #: 203/240-2950 66103-3720

\* INDICATES HIGH ENVIRONMENTAL RISK - PRIORITY

	PRIORITY ASSESSMENT			SUMMARY:
1) HYDROGEOLOGIC SETTING:				
SOIL PERMEABILITY	<input checked="" type="checkbox"/> HIGH	<input type="checkbox"/> MODERATE	<input type="checkbox"/> LOW	
BEDROCK TYPE	<input type="checkbox"/> DOLOMITE/LS	<input checked="" type="checkbox"/> SANDSTONE	<input type="checkbox"/> OTHER	
DEPTH TO GROUNDWATER	<input type="checkbox"/> <15'	<input checked="" type="checkbox"/> >15'	<input type="checkbox"/> UNK	
DEPTH TO BEDROCK	<input type="checkbox"/> <10'	<input type="checkbox"/> 10-50'	<input checked="" type="checkbox"/> >50'	
2) GROUNDWATER RESOURCES:				
PUBLIC WATER SUPPLY	<input type="checkbox"/> CONTAMINATED*	<input checked="" type="checkbox"/> AT RISK	<input type="checkbox"/> LOW	
PRIVATE WATER SUPPLY	<input type="checkbox"/> CONTAMINATED	<input type="checkbox"/> AT RISK	<input checked="" type="checkbox"/> LOW	
MONITORING WELL/NONPOTABLE	<input checked="" type="checkbox"/> >ENF. STAD	<input type="checkbox"/> >PAL	<input type="checkbox"/> <PAL	
3) SURFACE WATER RESOURCES:	<input type="checkbox"/> CONTAMINATED	<input type="checkbox"/> AT RISK	<input checked="" type="checkbox"/> LOW	
4) EXPLOSIVE HAZARD:	<input type="checkbox"/> HIGH*	<input type="checkbox"/> MODERATE	<input checked="" type="checkbox"/> LOW	
5) CONTAMINANT PROFILE:				
MOBILITY	<input checked="" type="checkbox"/> HIGH	<input type="checkbox"/> MODERATE	<input type="checkbox"/> LOW	
TOXICITY	<input checked="" type="checkbox"/> HIGH	<input type="checkbox"/> MODERATE	<input type="checkbox"/> LOW	
ENVIRONMENTAL ASSESSMENT PRIORITY	<input checked="" type="checkbox"/> HIGH	<input type="checkbox"/> UNK/MOD	<input type="checkbox"/> LOW	

DATE OF INITIAL CONTACT 9/22/88 NOTE VOLUME LOST: UNKNOWN

ACTION (check as many as applicable)	DATE (must be completed for action)	COMMENT: (limit to 40 spaces)
<input checked="" type="checkbox"/> 28 SITE INSPECTION	<u>9/22/88</u>	
<input type="checkbox"/> 29 STATE LEAD	<u>   /   /   </u>	
<input checked="" type="checkbox"/> 30 RESPONSIBLE PARTY LEAD	<u>9/22/88</u>	
<input type="checkbox"/> 31 EMERGENCY ACTION	<u>   /   /   </u>	
<input type="checkbox"/> 32 INVESTIGATION	<u>   /   /   </u>	
<input type="checkbox"/> 33 CLEAN UP	<u>   /   /   </u>	
<input type="checkbox"/> 34 LEAD TRANS TO STATE	<u>   /   /   </u>	
<input type="checkbox"/> 35 LEAD TRANS TO RP	<u>   /   /   </u>	
<input type="checkbox"/> 36 COMPLETED INVESTIGATION	<u>   /   /   </u>	
<input type="checkbox"/> 10 DEFER ENFORCEMENT	<u>   /   /   </u>	
<input type="checkbox"/> 11 CLOSE OUT	<u>   /   /   </u>	

KARL ROOVERS (DNR CONTACT)      KARL ROOVERS (PERSON PREPARING FORM)      7/18/89 (DATE)

(608) 266-3232  
(800) 424-8802  
(800) 424-9300

Spill ID Number  
\_\_\_\_\_  
Y Y M M D D 0-99

Date of Incident	Day of Week	Time of Incident	<input type="checkbox"/> A.M. <input type="checkbox"/> P.M.	Reported By (Name)	Telephone Number
				MARK BOND	(608) 429-2121
Date Reported	Day of Week	Time Reported	<input type="checkbox"/> A.M. <input type="checkbox"/> P.M.	Agency or Firm Reporting	Reported thru Div. Emergen. Gov't. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Substance Involved	Quantity	Units	Person or Firm Responsible		
GASOLINE			GENERAL INDICATOR CORP.		
Substance Involved	Quantity	Units	Contact Name	Telephone Number	
			MARK BOND	(608) 429-2121	

Physical Characteristics

Solid  Liquid  Semisolid  Gas

Color \_\_\_\_\_ Odor \_\_\_\_\_

Address - Street or Route  
413 SO MAIN ST.

City, State, Zip Code  
PARDEEVILLE, WI 53954

Cause of Incident  
TANK LEAK

Exact Location Description (intersection, mileage, etc.)  
413 SO. MAIN, PARDEEVILLE

Action Taken By Spiller

No Action Taken  No Notification  Investigate

Containment; Type \_\_\_\_\_

Cleanup; Method SOIL REMOVAL

Amount Recovered \_\_\_\_\_

Monitor \_\_\_\_\_

Contractor Hired; Name AQUA SEARCH

Other Action \_\_\_\_\_

County Location  
COLUMBIA

1/4, 1/4, Section, Town, Range  
SW, SW, 3, T12N, R10E  
Wycena

DNR Dist SD DNR Area HOR

Groundwaters Affected  
 Yes  No  Potential

Surface Waters Affected  
 Yes  No  Potential

Name of Surface Water \_\_\_\_\_

Spill Location

Industrial Facility/Paper Mill/Chem. Co.

Gas/Service Station/Garage, Auto Dealer, Repair Shop

Ag Coop/Facility/Cheese Factory/Creamery

Other Small Business (bank, grocery, insurance co., etc.)

Public Property (city, county, state, church, school, etc.)

Utility Co., Power Generating/Transfer Facility

Private Property (home/farm)

Pipeline, Terminal, Tank Farm, Oil Jobber/Wholesaler

Transportation Accident, Fuel Supply Tank Spill

Transportation Accident, Load Spill

Construction, Excavation, Wrecking, Quarry, Mine

Other \_\_\_\_\_

Date District Notified 7-13-89

Day of Week THUR.

Time District Notified 9:00  A.M.  P.M.

District Person Notified KARL ROOVERS

Telephone Number (414) 485-3017

Date Investigated 7-13-89

Day of Week THUR.

Time Investigated 9:00  A.M.  P.M.

Person Investigating

Telephone Number SAME )

Action Taken By DNR

No Action Taken  Investigation  Supervise/Conduct Cleanup

Spiller Required To Take Action; Type REMOVE SOILS

Contractor Hired By DNR; Name \_\_\_\_\_

Amount Recovered \_\_\_\_\_

29.29 Enforcement

Spilled Substance Destination

Air  Soil  Groundwater  Surface Water  Storm Sewer  Sanitary Sewer  Contained/Recovered  Other \_\_\_\_\_

Other Agencies on Scene

Local FIRE DPT.

State \_\_\_\_\_

Federal \_\_\_\_\_

Person Filing This Report (print name)  
KARL ROOVERS

Signature *[Signature]* Date Signed 7-18-89

Additional Comments:  
2 8-10 cu/yd REMOVED & STOCKPILED.

GENERAL INDICATOR

SITE ASSESSMENT FOR UST REMOVAL

Site Assessment for removal of one (1) 500 gallon gasoline storage tank located on site at the Pardeeville, WI plant. The tank is located on the north-east corner of the carpenter shop/warehouse. The underground storage tank will be permanently closed and removed.

NOTIFICATION:

The following individuals will be notified of the removal so that they, or their representatives can be on site:

Karl Roovers  
DNR  
Horicon Area Headquarters  
1210 N. Palmatory Street  
Horicon, WI 53032  
(414) 485-3013

Robert Becker  
Pardeeville Fire Chief  
Pardeeville, WI 53954  
(608) 429-2134

Soil samples will be taken at both ends of the tank using a trowel and vials provided by an independent testing lab. Sample bottles must be promptly capped and placed on ice if necessary.

RECORDKEEPING:

A field log of sample collection procedures, dates, name of laboratory performing the analysis, collection location, and name of the sampler must be kept.

All samples will be clearly labeled with the location, date and other information as required by the lab.

Chain-of-Custody procedures must be followed in handling the samples.

TESTING REQUIRED:

The soil samples sent to the lab will be analyzed for "Total Petroleum Hydrocarbons (TPH)" and reported in "parts per million" on a dry weight basis. A detection level of 10 ppm or greater must be reported to the DNR immediately. Should there be an indication that a clean-up may be required, further analysis of the soil for benzene, toluene, ethylbenzene, and xylene (BTEX) will be required.

If a release is confirmed, General Indicator will immediately report the release to the DNR, and work together to develop a remediation plan appropriate for conditions at the site.

The closure of the tank will be reported to the Safety and Buildings Division (Form 7437), the Bureau of Petroleum Inspection and Fire Protection, and the DNR. Copies of the site assessment, lab analysis,

field logs, and other documentation must be submitted to DILHR and the DNR.

C/28/89

KARL:

Here is a copy of our site assessment plan for  
our tank removal. Please let me know if something  
should be changed.

The Ardreville Fire Chief has been notified and will  
be sending a representative.

See you on July 13th.

Mark B Bond  
Plant Engineer.



255

MED

PMN#: \_\_\_\_\_ FID#: \_\_\_\_\_  
 PROJECT MGR: M. Putra  
 SUPPORT PERSON: \_\_\_\_\_  
 DISTRICT: 500 COUNTY: COLUMBIA HNDI: \_\_\_\_\_

SITE NAME: GENERAL INDICATOR CORP  
 ADDRESS: 413 S. MAIN ST.  
PARDEEVILLE TN CITY\_VIL  
 LEGAL DESC: S<sub>W</sub> 1/4 SW 1/4 SEC 3 T12 R10E/W

DATE OF INITIAL CONTACT: 7/13/89 (mo day yr)  
 DATE OF RP LETTER: \_\_\_/\_\_\_/\_\_\_ (mo day yr)  
 DATE SITE CLOSURE APPROVED: \_\_\_/\_\_\_/\_\_\_ (mo day yr)

LUST TRUST ELIGIBLE: (X) <input type="checkbox"/> 1 = FEDERAL <input type="checkbox"/> 2 = NON-FEDERAL	PRIORITY SCREENING: (X) <input checked="" type="checkbox"/> 1 = HIGH SCORE: _____ <input checked="" type="checkbox"/> 2 = MEDIUM <input type="checkbox"/> 3 = LOW <input type="checkbox"/> 4 = UNKNOWN (see worksheet on back)	FUNDING SOURCE: (X) <input checked="" type="checkbox"/> 1 = RESPONSIBLE PARTY <input type="checkbox"/> 2 = LUST TRUST FUND <input type="checkbox"/> 3 = ENVIRONMENTAL RESPONSE FUND <input type="checkbox"/> 4 = SUPER FUND <input type="checkbox"/> 5 = NONE <input type="checkbox"/> 6 = OTHER _____
--	---	--

(X AS APPROPRIATE)	DATE INITIATED (MO DAY YR)	DATE COMPLETED (MO DAY YR)	COMMENTS:
<input type="checkbox"/> NO ACTION TAKEN	___/___/___	___/___/___	_____
<input type="checkbox"/> EMERGENCY	___/___/___	___/___/___	_____
<input type="checkbox"/> EMERGENCY RESPONSE	___/___/___	___/___/___	_____
<input checked="" type="checkbox"/> FIELD INVESTIGATION	___/___/___	___/___/___	_____
<input checked="" type="checkbox"/> REMEDIAL ACTION	<u>7/13/89</u>	___/___/___	<u>SOIL REMOVED</u>
<input type="checkbox"/> LONG TERM MONITORING	___/___/___	___/___/___	_____

RESPONSIBLE PARTY NAME: GLIC  
 ADDRESS: 413 S. MAIN ST  
PARDEEVILLE  
 PHONE: 608 / 429-2121  
 (list additional on separate list & attach)

CONSULTANT: AQUA SEARCH  
 CONTACT: MARK BOYD ?  
 PHONE: \_\_\_/\_\_\_/\_\_\_  
 AMOUNT COMMITTED: \$ \_\_\_\_\_ AMOUNT SPENT: \$ \_\_\_\_\_  
 (list additional on separate list & attach)

PECFA REVIEW REQUESTED: (X)  YES  NO  
 DATE PECFA REQUEST RECEIVED: (mo day yr) \_\_\_/\_\_\_/\_\_\_

(X all appropriate)	KNOWN IMPACTS: (X)	POTENTIAL IMPACTS: (X)	SUBSTANCES: (X)	QUANTITY DISCHARGED: (gals) <u>NAKED</u>
<input type="checkbox"/> FIRE/EXPLOSION THREAT	___	___	<input checked="" type="checkbox"/> LEADED GAS	___ VOCS
<input type="checkbox"/> CONTAMINATED PRIVATE WELL	___	___	<input type="checkbox"/> UNLEADED GAS	___ PESTICIDE
<input type="checkbox"/> CONTAMINATED PUBLIC WELL	___	___	<input type="checkbox"/> DIESEL	___
<input checked="" type="checkbox"/> GROUNDWATER CONTAMINATION	___	<input checked="" type="checkbox"/>	<input type="checkbox"/> FUEL OIL	___
<input checked="" type="checkbox"/> SOIL CONTAMINATION	<input checked="" type="checkbox"/>	___	<input type="checkbox"/> UNKNOWN HYDROCARBONS	___
<input type="checkbox"/> OTHER: _____	___	___	<input type="checkbox"/> OTHER	___

\*\*\*ENFORCEMENT ACTION TAKEN\*\*\*

- |                                      |                         |                             |                         |
|--------------------------------------|-------------------------|-----------------------------|-------------------------|
| 01=INF. CONTACT,RESP INITIATED       | 08=ADEQUATE RESPONSE    | 15=FORMAL ENF. CONF.        | 22=DRAFT REFERRAL       |
| 02=RP LETTER,RESP INITIATED          | 09=PROGRESS BEING MADE  | 16=ENFORCEMENT CONF. LETTER | 23=REFERRAL TO DOJ      |
| 03=NTC OF NON COMPLIANCE             | 10=DEFER ENFORCEMENT    | 17=ADMIN. ORDER PROPOSED    | 24=REFERRAL TO DA       |
| 04=INF. ENF. CONF,RESP INITIATED     | 11=CLOSE OUT            | 18=ADMIN. ORDER FINAL       | 25=REFERRAL TO EPA      |
| 05=FOLLOW-UP ENF.CONF,RESP INITIATED | 12=RECOMMEND NFA        | 19=ADMIN. ORDER MODIFIED    | 26=CONTINUING VIOLATION |
| 06=INSPECTION LETTER                 | 13=FWD TO SECONDARY ENF | 20=ADMIN. ORDER CANCELLED   | 27=SEE NEXT VIOLATION   |
| 07=RESPONSE RECEIVED                 | 14=NOTICE OF VIOLATION  | 21=CONTEST CASE HEARING     | 28=SITE INSPECTION      |

ACTION (code from above)	DATE (mo/day/yr)	COMMENT:
<u>01</u>	<u>5/19/89</u>	<u>general info</u>
<u>07</u>	<u>7/18/89</u>	<u>contact regarding site</u>
___	___/___/___	_____
___	___/___/___	_____
___	___/___/___	_____
___	___/___/___	_____
___	___/___/___	_____
___	___/___/___	_____

(list additional on separate list and attach)

LUST CASE PRIORITY SCREENING WORKSHEET

**HIGH FACTORS:** (DEFINITION: Any case which presents an actual threat to human health, or has a high potential of causing a threat to human health and property; and/or any case which has caused or has a high potential of causing substantial impacts to the soil and air of the State of Wisconsin)

**HIGH OR MEDIUM FACTORS:** (write in choice of high or medium)

- Contaminated private or public well >NR140 enf. std.
- Explosive or toxic vapors in structures
- Threat of fire
- Floating product (medium if no receptors within 1 mile)
- Known gw contamination (private or public well <140 enf. std.)
- Impacted surface water--wetland, trout stream, etc. impacted saturated soil contamination

**MEDIUM FACTORS:** (DEFINITION: Any case which does not appear to be an immediate threat to human health or vital natural resources but which shows levels of contamination that may cause substantial environmental impacts if left unaddressed.)

- Moderate (e.g. 100 - 500 ppm TPH) soil contamination with moderate potential for impacting groundwater.
- Impacted surface water--no critical habitat threats.

**LOW FACTORS:** (DEFINITION: Any case where contamination has been documented, but which presents limited potential for any immediate threat to human health and vital natural resources.)

- Soil contamination (e.g. less than 100 ppm TPH) which appears to have a limited potential for impacting groundwater.
- Initial remedial action has substantially reduced environmental threat.

**UNKNOWN FACTOR:** (DEFINITION: Any case where some indication of contamination is present, but due to incomplete or inaccurate information the level of threat to human health or the environment can not be assessed at this time.)

- Inadequate information to assign a high, medium, or low ranking.

**OVERALL RANKING:** The screening rank for the site along with the date of ranking. This may be updated when additional information is received. Special circumstances for a particular case may be taken into account in the comment section. The District LUST coordinator may independently set the ranking of a site based upon "special circumstances."

Circle one & date, indicate in priority screening box opposite side HIGH 10/20/89 MEDIUM \_\_\_\_\_ LOW \_\_\_\_\_ UNKNOWN \_\_\_\_\_

COMMENT: Moni Well VERY CLOSE DOWN GRADANT

NUMERICAL LUST SCORING WORKSHEET (complete for LUST cases ranked HIGH)

1. **GROUNDWATER & SOILS:** (circle one)

POINTS	Documented Petroleum Contamination:	POINTS	
20	Municipal well	8	Soil & gw within 1200' of a public well
18	>5 private wells	6	Soil & gw within 1200' of one or more private wells
16	4 - 6 private wells	4	GW contamination, no wells within 1200'
14	2 - 3 private wells	2	Soil contamination
12	1 private well		

SCORE \_\_\_\_\_

2. **EXPLOSIVE OR TOXIC VAPORS:** (circle one)

POINTS	CONFIRMED	POTENTIAL	
20	10		Explosive levels in a residence or building
16	8		Explosive levels in a sewer or structure
12	6		Toxic levels in a residence or building

SCORE \_\_\_\_\_ Note: Explosive levels determined to be >20% LEL as per an explosivity meter; toxicity levels are based on OSHA permissible exposure limits (PEL)

3. **HYDROGEOLOGIC SETTING:** (circle one)

POINTS	
12	Permeable stratigraphy (gravel, sand, fractured bedrock or utilities capable of intercepting and directing flow) and groundwater within 25 feet of the ground surface.
10	Permeable stratigraphy and groundwater greater than 25 feet below ground surface.
8	Moderately permeable stratigraphy (silty sands, silty gravel, clayey sands) and groundwater within 25 feet of ground surface
6	Moderately permeable stratigraphy and groundwater greater than 25 feet below ground surface.
4	Impermeable stratigraphy (silt, clayey silt, sand clays) and groundwater within 25 feet of ground surface.
2	Impermeable stratigraphy and groundwater greater than 25 feet below ground surface.

SCORE \_\_\_\_\_

4. **TYPE OF PRODUCT:** (circle one)

POINTS	
8	Gasoline, mixture of gasoline and other products, other light petroleum products.
6	Diesel, fuel oil
2	Bunker oil, other heavy oils or crude fractions

SCORE \_\_\_\_\_

TOTAL SCORE (indicate score in priority screening box on opposite side)

## GENERAL INDICATOR

## SITE ASSESSMENT FOR UST REMOVAL

Site Assessment for removal of one (1) 500 gallon gasoline storage tank located on site at the Pardeeville, WI plant. The tank is located on the north-east corner of the carpenter shop/warehouse. The underground storage tank will be permanently closed and removed.

NOTIFICATION:

The following individuals will be notified of the removal so that they, or their representatives can be on site:

Karl Roovers  
DNR  
Horicon Area Headquarters  
1210 N. Palmatory Street  
Horicon, WI 53032  
(414) 485-3013

Robert Becker  
Pardeeville Fire Chief  
Pardeeville, WI 53954  
(608) 429-2134

Soil samples will be taken at both ends of the tank using a trowel and vials provided by an independant testing lab. Sample bottles must be promptly capped and placed on ice if necessary.

RECORDKEEPING:

A field log of sample collection procedures, dates, name of laboratory performing the analysis, collection location, and name of the sampler must be kept.

All samples will be clearly labeled with the location, date and other information as required by the lab.

Chain-of-Custody procedures must be followed in handling the samples.

TESTING REQUIRED:

The soil samples sent to the lab will be analyzed for "Total Petroleum Hydrocarbons (TPH)" and reported in "parts per million" on a dry weight basis. A detection level of 10 ppm or greater must be reported to the DNR immediately. Should there be an indication that a clean-up may be required, further analysis of the soil for benzene, toluene, ethylbenzene, and xylene (BTEX) will be required.

If a release is confirmed, General Indicator will immediately report the release to the DNR, and work together to develop a remediation plan appropriate for conditions at the site.

The closure of the tank will be reported to the Safety and Buildings Division (Form 7437), the Bureau of Petroleum Inspection and Fire Protection, and the DNR. Copies of the site assessment, lab analysis,

field logs, and other documentation must be submitted to DILHR and the DNR.

C/22/89

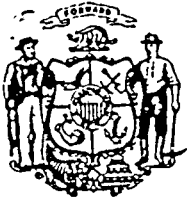
KARL:

Here is a copy of our site assessment plan for our tank removal. Please let me know if something should be changed.

The Providence Fire Chief has been notified and will be sending a representative.

See you on July 13th.

Mark B Bond  
Plant Engineer.



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Southern District Headquarters  
3911 Fish Hatchery Road  
Fitchburg, WI 53711

Carroll D. Besadny  
Secretary

May 19, 1989

4440  
UST - Columbia County

Mr. Mark Bond  
General Indicator Corporation  
413 South Main Street  
Pardeeville, WI 53954

Subject: Proper Abandonment for Underground Storage Tanks

Dear Mr. Bond:

On May 18 we discussed proper abandonment procedures for underground storage tanks.

For your information, I have included a photocopy of IND8.225 Wisconsin Administrative Code which describes provisions for underground tanks temporarily out of service, abandoned, or removed. You would have ninety days to properly abandon the tank after discontinuing its use.

I have included an abbreviated copy of IND8.225(3) which describes the alternatives you would have for abandonment of underground tanks. You must notify your local fire department thirty days prior to abandoning the tank. You would have the option to remove the tank from the ground and scrap it or fill it with inert material as described in the memo. It is recommended that with the new Federal site assessment requirements it would be easier to remove the tank from the ground in order to meet proper sampling requirements.

I have also included some guidelines for removal of the tank and a list of consultants that may be able to assist you in this endeavor. The tank abandonment forms should be completed upon tank abandonment.

If you require further assistance you may contact me at (608) 275-3297 or Terry Nolen at DILHR at (608) 266-5824.

Sincerely,

A handwritten signature in cursive script, appearing to read "Wendell J. Wojner".

Wendell J. Wojner  
Hazardous Waste Specialist

WJW:ps  
8906\swlindct.wjw  
Enc.

cc: Terry Nolen - DILHR, Bureau of Petroleum Inspection, P.O. Box 7969, 201 East Washington Avenue, Madison, WI 53707  
Tom Bergamini - ERRP/SW-3

→ Karl Roovers Abicon

NOTE: DO NOT USE THIS FORM WHEN DOCUMENTING INSPECTIONS AT HAZARDOUS WASTE AND SOLID WASTE FACILITIES.  
SEE BACK SIDE OF THIS FORM FOR MORE INFORMATION.

ATTN: _____				License Number _____	
<input checked="" type="checkbox"/> Residuals Management SW/3		<input checked="" type="checkbox"/> District <u>SD</u>		EPA ID Number _____	
<input type="checkbox"/> Hazardous Waste Management SW/3 Unit _____		<input type="checkbox"/> Environmental Enforcement EE/5		WI- _____	
<input type="checkbox"/> Systems Management SW/3		_____		Facility ID Number _____	
Facility/Company Name <u>GIC</u>			Location (Address or 1/4)		City, State, Zip Code <u>PARDEEVILLE</u>
Facility Type <u>GEN.</u>	District <u>SD</u>	County <u>COLUMBIA</u>	Contact Method <input checked="" type="checkbox"/> Telephone <input type="checkbox"/> In-Person	Date <u>03/31/89</u> M M D D Y Y	Time (24-Hour Clock) <u>1335</u> <u>01</u>
Facility Representative Contacted <u>MARK BOND</u>		Title or Position of Representative <u>PLANT EM.</u>		Telephone Number (include area code) ( ) <u>HE CALLED</u>	

PULLING 500 gal GAS. TANK.

WILL CALL WITH DATE.  
SO I CAN OBSERVE

AAS CONTACTED FIRE CHIEF.

Check if additional sheets attached

By

[Signature]

HORICAN