09-57-546737
SCR018

STATE OF WISCONSIN

CORRESPONDENCE / MEMORANDUM

Department of Transportation

DATE: July 15, 1991

TO: MUNZER HAIDAR TRANS. DIST. 1 DESIGN

FROM: John Lewis, Hazardous Materials Program Manager
Office of Environmental Analysis

SUBJECT: ENVIRONMENTAL SITE ASSESSMENT REPORT
Property: REEDSBURG CLEANERS
Project ID# : 5080-03-00
County: SAUK

Attached are two copies of the report for the site assessment of the above property.

The assessment concludes:

SOILS AT THIS SITE WERE FOUND TO BE CLEAN. GROUNDWATER WAS NOT ENCOUNTERED.

The assessment recommends:

NO FURTHER WORK.

If you have any questions about the data contained within this report or need additional information, please contact Shar Barendrecht at (608) 266-1476.

CC: File
C.O. Design
DNR - Environmental Response Unit - SOUTHERN DISTRICT (w/report)

AQUA-TECH INC.

June 25, 1991

Mr. John Lewis
Wisconsin Department of Transportation
Office of Environmental Analysis, Room 651
P.O. Box 7916
Madison, WI 53707

Dear Mr. Lewis:

Enclosed is the Phase II Environmental Assessment Report for the Reedsburg Cleaners site, 349 East Main Street, city of Reedsburg, Sauk County, Wisconsin, Department of Transportation Project No. 5080-03-00 (Aqua-Tech Project 96069).

If you have any questions regarding this report, please do not hesitate to contact me.

Sincerely,

AQUA-TECH, INC.

Mark G. Riha
Environmental Specialist

MGR/er

Enclosure

140 S. Park Street Port Washington, WI 53074 (414) 284-5746 FAX (414) 284-0243

PHASE II

ENVIRONMENTAL ASSESSMENT REPORT

FOR THE

REEDSBURG CLEANERS SITE

349 EAST MAIN STREET (STATE HIGHWAY 23/33)

CITY OF REEDSBURG

SAUK COUNTY, WISCONSIN

JUNE 1991

PREPARED FOR THE

WISCONSIN DEPARTMENT OF TRANSPORTATION

PROJECT 5080-03-00

PREPARED BY
AQUA-TECH, INC.
140 SOUTH PARK STREET
PORT WASHINGTON, WISCONSIN 53074
ATI PROJECT 96069

PHASE II

ENVIRONMENTAL ASSESSMENT REPORT

FOR THE

REEDSBURG CLEANERS SITE

349 EAST MAIN STREET (STATE HIGHWAY 23/33)

CITY OF REEDSBURG

SAUK COUNTY, WISCONSIN

WDOT PROJECT 5080-03-00

Prepared By: Mark G. Riha Date: 6-25-91

Mark G. Riha
Environmental Specialist
Aqua-Tech, Inc.

Reviewed By: Neil W. Rismeyer MSK Date: 6-25-91

Neil W. Rismeyer C.P.G.
Hydrogeologist
AIPG Certificate 7962
Aqua-Tech, Inc.

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1.0 SUMMARY

Aqua-Tech, Inc. has completed a Phase II Environmental Assessment for the Reedsburg Cleaners site located at 349 East Main Street (State Highway 23/33), Reedsburg, Sauk County, Wisconsin. This assessment was conducted on June 4, 1991, for the Wisconsin Department of Transportation (WDOT), Office of Environmental Analysis under project 5080-03-00.

The purpose of this assessment was to identify possible environmental contamination within existing WDOT right-of-way which may be associated with the underground storage tanks or business activities conducted at the site. The WDOT's current plans for road construction call for shallow excavation approximately 4 feet wide and approximately 2 to 4 feet deep within the existing right of way. The assessment for this site included the following:

* Regulatory background review
* Site representative interview
* Reconnaissance inspection
* Two soil borings to a maximum depth of 15.0 feet
* Field screening subsurface soil samples for volatile organic compounds (VOCs) with a photoionization detector (PID)
* Collection and chemical analyses of two subsurface soil samples for total petroleum hydrocarbons (TPH)

Results of this assessment indicate that the soils on the existing WDOT right-of-way at this site are not contaminated by total petroleum hydrocarbons. Field screening soil samples with a photoionization detector (PID) did not indicate the presence of volatile organic compounds significantly above background levels for the site. No TPH levels above the 10 ug/g (ppm) Wisconsin Department of Industry, Labor and Human Relations (WDILHR) remedial action level for petroleum contaminated soil were detected by laboratory analysis of the soil samples.

Groundwater was not encountered in the test borings at the site. However, based on the lack of soil contamination, groundwater is believed to be uncontaminated by total petroleum hydrocarbons at the site.

Aqua-Tech, Inc. recommends no additional investigation or corrective action at this site.

2.0 SITE DESCRIPTION

2.1 Introduction

This section describes the location and physiographic setting of the site.

2.2 Site Location

The Reedsburg Cleaners site is located at 349 East Main Street (State Highway 23/33) in the city of Reedsburg, Sauk County, Wisconsin. The site occupies the northwest corner of the intersection with Main Street and Locust Street. It is located within a residential/commercial district. See Figure 2-1 for site location.

2.3 Site Geology

The site is located in the Central Plains Physiographic Province of the Driftless Area of central Wisconsin. Consequently, erosion has been an important geologic agent in determining the surface geology and physiography of the site.

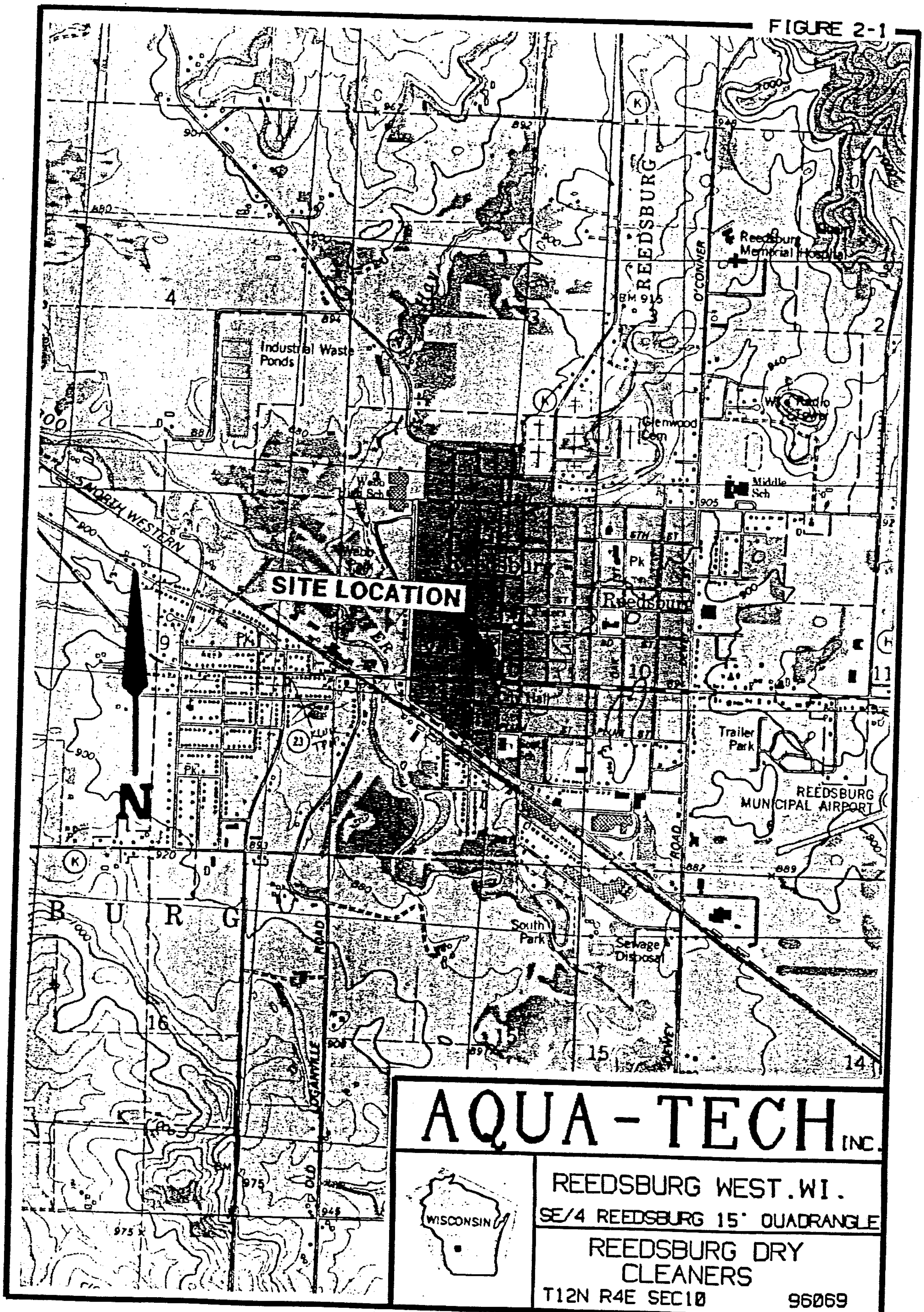
The site is situated on an upland of Cambrian age sandstone with some limestone, dolomite, and shale. Glaciolacustrine sediments were deposited in the area by meltwater runoff from the Wisconsinan ice sheet into a large glacial lake impoundment known as Glacial Lake Wisconsin. Bedrock was encountered in both soil borings completed at the site at an approximate depth of 9 to 11 feet below grade.

Regionally, soils consist of Toddville and Rowley silt loams. The soils encountered in the boring completed at the site consisted primarily of gray-brown silts and medium grained tan sands.

Local topography consists of upland ridges and adjacent narrow valleys. Relief at the site slopes 2 to 6 percent to the south.

Groundwater was not encountered in any of the soil borings completed at the site. Therefore, neither the elevation of the groundwater table nor the hydraulic gradient could be determined. However, based on surface topography, groundwater is believed to be flowing southwesterly toward the Baraboo River, approximately 2,000 feet southwest of the site.

FIGURE 2-1


SITE LOCATION
Industrial Waste Ponds
NORTH WESTERN
REEDSBURG
Reedsburg Memorial Hospital
O'CONNER
Glenwood Cem
Middle Sch
Reedsburg
Trailer Park
REEDSBURG MUNICIPAL AIRPORT
South Park
Sewage Disposal
N
AQUA-TECH INC.
WISCONSIN
REEDSBURG WEST.WI.
SE/4 REEDSBURG 15' QUADRANGLE
REEDSBURG DRY CLEANERS
T12N R4E SEC10
96069

3.0 ASSESSMENT PROCEDURES AND FIELD OBSERVATIONS

3.1 Introduction

This section outlines assessment procedures and field observations for the environmental assessment of the Reedsburg Cleaners site. Individual subsections include information obtained from the regulatory background review, site background review and reconnaissance inspection.

3.2 Regulatory Background Review

A regulatory review of the Reedsburg Cleaners site was conducted to ensure that the site and surrounding areas have not been identified as causing or having the potential to cause environmental pollution. Records of solid and liquid waste disposal, spills, and leaks are an indication of whether hazardous materials have been introduced to the subsurface. The following sources were referenced during this review:

* U.S. Environmental Protection Agency CERCLIS List (March 1990)
* U.S. Environmental Protection Agency Facility Index System: Selected Facilities Report List (FINDS) (May 1990)
* Wisconsin Department of Natural Resources (WDNR) Registry of Waste Disposal Sites in Wisconsin (February 1990)
* WDNR Inventory of Sites or Facilities Which May Cause or Threaten to Cause Environmental Pollution (Environmental Repair Program) (July 1987)
* WDNR Statewide Spills and Hazardous Incident Report List, January 1978 to December 1989
* WDNR List of Leaking Underground Storage Tanks (LUST List) (January 1991)
* Wisconsin Department of Industry, Labor, and Human Relations (WDILHR) Computer Inventory of Underground Storage Tanks

The Reedsburg Cleaners site does not appear on any of the above lists.

There are currently two underground storage tanks on the computer inventory at the Wisconsin Department of Industry, Labor and Human Relations (WDILHR) listed for the site. See Appendix A for documentation.

There are several sites listed on the above lists which are within a one mile radius of the Reedsburg Cleaners site. However, none of the sites appear to exhibit a significant potential for environmental concern at the site. Reproducible documentation of the regulatory records are provided in Appendix B.

3.3 Site Representative Interview

Interviews are conducted for the purpose of gathering information concerning present and past uses of the Reedsburg Cleaners site and the potential environmental impact of these activities. Mark G. Riha of Aqua-Tech, Inc. conducted telephone and personal interviews with the following individuals on June 3, 4, and 11, 1991:

* Wayne Butz, site owner, (608) 524-2212
* Dan Horkan, city of Reedsburg street department
* Bill Myers, director of public works, Reedsburg (608) 524-6404

3.4 Site History

According to information obtained during the site representative interviews conducted with Bill Myers and Wayne Butz, the site was a full service gasoline station and garage for approximately 40 years prior to ownership by Mr. Wayne Butz in 1976.

The current business at the site is owned by Mr. Wayne Butz, of Reedsburg, Wisconsin. The mailing address is as follows:

Reedsburg Cleaners and Laundry
349 East Main Street
Reedsburg, Wisconsin 53959

This business is a full service dry cleaners and laundry service, which was converted from the gasoline station which previously occupied the site. According to Mr. Butz, the service garage portion of the structure is now occupied by a

veterinary clinic and the dry cleaners is located within the old cashiers area. There are two underground storage tanks on-site which were from the old Sinclair station. The tanks are supposedly filled with sand or concrete. The age, size, and former contents of the underground storage tanks is not known.

Prior to ownership and occupation by Reedsburg Cleaners, the site was vacant for several years when Mr. Butz purchased the site from Sinclair Gas, Inc. in 1976. According to Mr. Butz, the station had not sold gas for at least 26 years.

3.5 Site Reconnaissance Inspection

Mark G. Riha and Randall S. Igel of Aqua-Tech, Inc. conducted a reconnaissance inspection of the Reedsburg Cleaners site on June 4, 1991. The site reconnaissance inspection included a walk through to first observe the physical and surface environmental setting of the site and then to determine appropriate sampling locations; taking into consideration underground tank bed locations, underground and overhead utilities and site accessibility.

Reconnaissance Inspection Observations

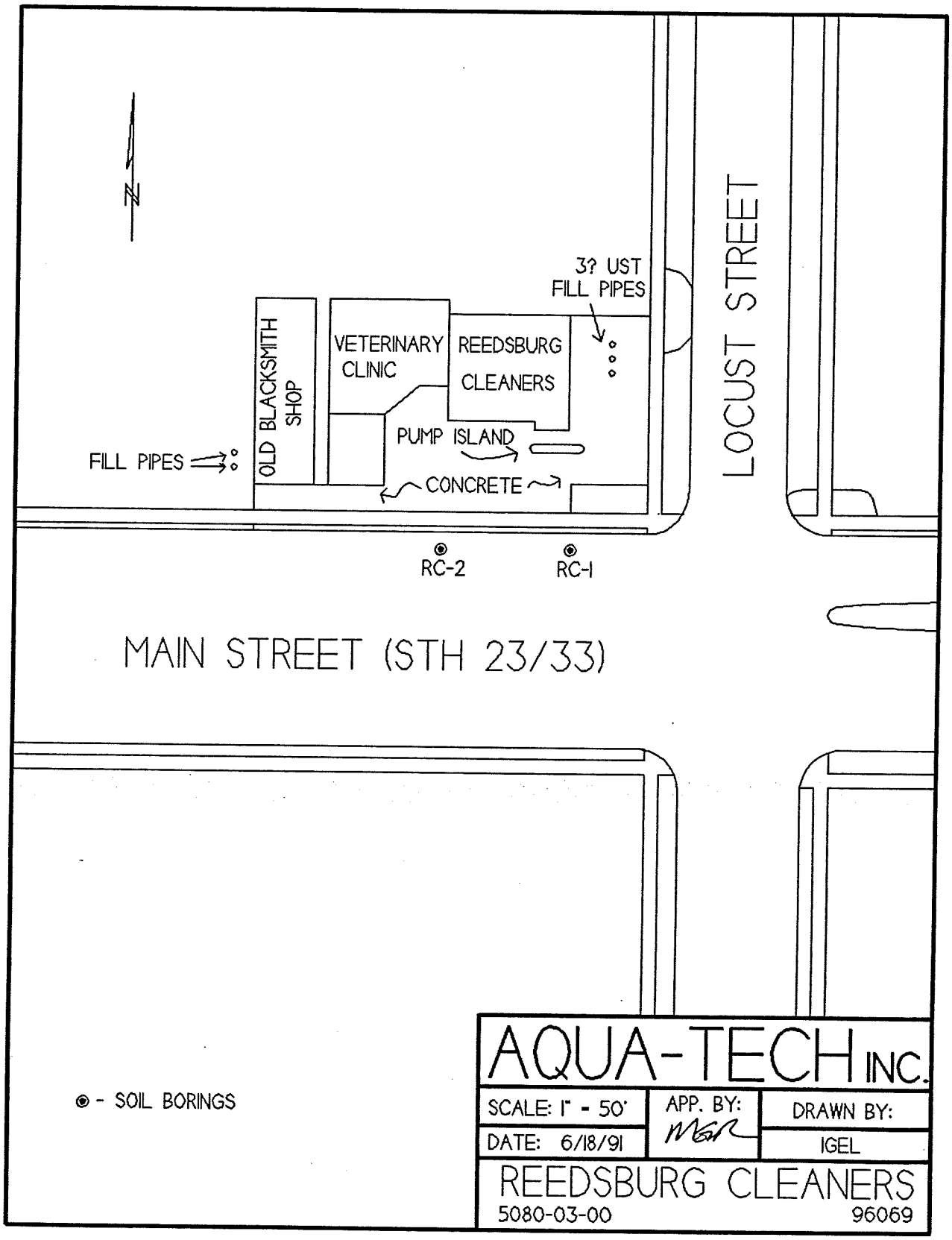
The Reedsburg Cleaners site is bound on the south by Main Street (State Highway 23/33) and to the east by Locust Street. It is bound on the north by a single family residence and to the west by a veterinary clinic and old blacksmith shop. There is currently a single story dry cleaners located approximately 35 feet north of Main Street.

The fill caps for two underground storage tanks were observed on the east side of the property, approximately 50 feet north of Main Street. These two tanks are the only tanks which are believed to be located on the property at the time of this assessment and appeared to be filled with concrete.

No evidence of spills or leakage of petroleum products or other hazardous substances was noted at the site (e.g., stressed vegetation, stained soil).

Figure 3-1 depicts the location of the structures and boring locations at the Reedsburg Cleaners site. Photographs of the site are provided in Appendix C.

Figure 3-1


N
3? UST
FILL PIPES
LOCUST STREET
OLD BLACKSMITH SHOP
VETERINARY CLINIC
REEDSBURG CLEANERS
PUMP ISLAND
FILL PIPES
CONCRETE
RC-2
RC-1
MAIN STREET (STH 23/33)
⊙ - SOIL BORINGS
AQUA-TECH INC.
SCALE: 1" = 50'
APP. BY:
DRAWN BY:
DATE: 6/18/91
IGEL
REEDSBURG CLEANERS
5080-03-00
96069

4.0 SAMPLING AND ANALYTICAL PROCEDURES

4.1 Introduction

This section outlines procedures followed for collecting soil or groundwater samples, maintaining security and integrity of the samples and chemical analyses of the samples.

4.2 Sampling Procedures

Soil samples were collected from the subsurface to determine if soil at the site is contaminated.

Soil Sampling Procedures

Subsurface soil samples are collected with a truck-mounted rotary drill equipped with a hollow stem auger and a two inch diameter, 24 inch split spoon sampler. The split spoon sampler is advanced at two foot intervals by conventional methods, including the attachment of the sampler to an AW rod and standard 140 pound hammer.

All drilling tools and equipment are high-pressure steam cleaned prior to the start of the sampling work. All sampling tools are also washed with an alconox and reagent water solution between sampling points to prevent cross contamination.

Subsurface soil samples are screened for volatile organic compounds with a photoionization detector (PID). Instrumental readings (PID levels in ppm) and sample descriptions/remarks are recorded on a soil profile log at the appropriate depth intervals. Results from this screening survey are used to aid in the selection of samples for laboratory analysis.

The following headspace methodologies were utilized for PID field screening of soil samples:

1. Headspace samples were collected in clean four ounce glass jars.
2. The jars were filled one-half full.
3. Immediately after the headspace sample had been placed in the jar, the mouth of the jar was covered with heavy gauge aluminum foil.

4. Once the headspace sample had been sealed, the sample was agitated for at least 30 seconds to break soil clods and release vapors.

5. After the sample had been agitated, the sample was allowed to equilibrate for 20 minutes at approximately 70°F out of direct sunlight.

6. Following equilibration, the sample headspace was analyzed by inserting the tip of the PID probe through a single, small hole in the foil seal to a position half-way between the seal and sample surface and then recording the highest instrumental reading. No meter "quenching" was observed.

7. The PID was properly maintenanced and calibrated according to the manufacture's specifications at the site at lease daily before commencing field operations. Results of the calibration are recorded on a calibration log sheet (See Appendix D).

The second sample from each sampling location was a split sample collected from the same two foot depth interval and at the same time that the headspace sample was collected.

After pedologic logging (See Appendix E), the sample selected for chemical analysis was tightly packed into a clean, Teflon™ lidded, four ounce jar and cooled to 4°C for transport to the laboratory.

4.3 Procedures for Abandoning a Borehole

After all necessary soil and groundwater samples are collected at a given borehole, the borehole is backfilled with bentonite and abandoned according to procedures outlined in Wisconsin Administrative Code NR 141.25. Because field screening did not indicate the presence of volatile organic compounds in excess of background levels, the soil cuttings were dispersed on site. Boring abandonment documentation is included in Appendix E.

4.4 Chain of Custody Procedures

This section describes procedures used for sample identification and chain of custody. The purpose of these procedures is to ensure security and integrity of the sample from collection through transportation, storage, and analysis.

Sample identification documents are carefully prepared so that sample identification and chain of custody are maintained and sample disposition is controlled. Sample identification documents include:

* Field Notebooks
* Sample Labels
* Chain of Custody Records

Each sample is labeled, chemically or physically preserved, and sealed immediately after collection. To minimize handling of sampling containers, a label is filled out prior to sample collection. The sample label is completed using waterproof ink and then firmly affixed to the sample container. The sample label provides the following information:

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

A chain of custody record is fully completed in triplicate by the Aqua-Tech sampler immediately following sample collection. A copy of the chain of custody document is included in Appendix F.

Transfer of Custody Shipment

The samples are packed in a cooler and are accompanied by the chain of custody record. When transferring samples, the individuals relinquishing and receiving them sign, date, and note the time on the chain of custody record. This record documents sample custody.

Laboratory Custody Procedures

A designated sample custodian accepts custody of the shipped sample and verifies the sample identification number matches that on the chain of custody record. A copy of the completed chain of custody record is retained by the laboratory until analyses are complete. The record is then transferred to the site file with the analytical results.

5.0 FIELD AND ANALYTICAL RESULTS

5.1 Introduction

This section summarizes results of screening soil samples in the field for volatile organic compounds (VOCs) and chemical analyses of soil samples for total petroleum hydrocarbons (TPH).

5.2 Sample Locations

On June 4, 1991, Mark G. Riha of Aqua-Tech, Inc. collected two subsurface soil samples from two borings completed at the Reedsburg Cleaners site. See Figure 3-1 for boring locations.

Boring RC-1 was located approximately 42 feet west of the curb for Locust Street and 5.9 feet south of the curb for Main Street. This location was chosen to fall within the WDOT existing right-of-way approximately 55 feet southwest of the underground storage tank fill pipes.

Subsurface soil sample RCS-1 was collected as a composite sample from the 15.0 foot depth interval from boring RC-1. This sample was collected because it was the deepest interval before auger refusal.

Boring RC-2 was located approximately 78 feet west of the curb for Locust Street and 60 feet south of the curb for Main Street. This location was chosen to fall within the WDOT existing right-of-way approximately 75 feet southwest of the underground storage tank fill pipes.

Subsurface soil sample RCS-2 was collected as a grab sample from 11.0 to 13.0 foot depth interval from boring RC-2. This sample was collected because it was the interval which exhibited best and deepest sample recovery.

5.3 Results of Field Screening

A summary of field screening results of subsurface soil samples for VOCs with a photoionization detector (PID) is as follows:

* Subsurface soil samples from borings RC-1 and RC-2 yielded headspace PID readings of 0 ppm.

All PID readings relative to depth for the boring completed at the Reedsburg Cleaners site are recorded on a soil profile log (See Appendix E).

5.4 Analytical Methods Utilized for Chemical Analyses of Samples

Davy Laboratories in La Crosse, Wisconsin analyzed the soil samples collected at the Reedsburg Cleaners site. Soil samples were chemically analyzed utilizing the analytical methods listed on the Laboratory Reports in Appendix G.

Each analytical method follows specific quality control (QC) criteria listed in the reference manual describing the method. This includes the selection and calibration of appropriate instruments and the use of QC samples. Daily performance tests and the demonstration of precision and accuracy in the laboratory are required.

5.5 Results of Chemical Analysis of Aqua-Tech Collected Samples

Soil Samples

Chemical analyses of three soil samples yielded the following results:

* No total petroleum hydrocarbons (TPH) were identified in soil samples RCS-1 and RCS-2 above the 1.0 ppm laboratory detection limit. All TPH results were calculated on a dry weight basis as required by Wisconsin DILHR.

Table 5-1 contains complete results of the chemical analyses of the soil samples. Original laboratory data are provided in Appendix G.

TABLE 5-1

RESULTS OF THE CHEMICAL ANALYSES

OF THE AQUA-TECH

COLLECTED SOIL SAMPLES

FOR THE REEDSBURG CLEANERS SITE

DATE SAMPLED: JUNE 3, 1991

DATE ANALYZED: JUNE 5, 1991

Parameter	Sample RCS-1	Sample RCS-2
Depth Interval (feet)	15.0	11.0-13.0
Total Solids (%)	90.0	96.9
Total Petroleum Hydrocarbons (ppm)*	<1.0	<1.0
PID Levels (ppm)	0	0

* All total petroleum hydrocarbon (TPH) results were calculated on a dry weight basis as required by the Wisconsin Department of Industry, Labor, and Human Relations (WDILHR). The laboratory detection limit for TPH analyses was 1.0 ppm.

6.0 DISCUSSION OF ASSESSMENT RESULTS

6.1 Introduction

This section discusses field observations and analytical data pertaining to observed or potential contamination which may be attributed to the Reedsburg Cleaners site. In addition, potential migration pathways for contaminants are discussed, if warranted.

6.2 Site History, Regulatory Review, and Reconnaissance Inspection

The site history failed to produce any evidence of intentional or accidental releases of hazardous materials at the site.

The regulatory review failed to identify any sites within a one mile radius of the site which has a potential to contaminate the Reedsburg Cleaners site.

The site reconnaissance inspection failed to identify any evidence of potential contamination that may impact the existing WDOT right-of-way at the site.

6.3 Soil

Field screening of split spoon samples from borings RC-1 and RC-2 with a PID suggested no VOCs in excess of background levels.

No TPHs were detected by laboratory analysis at concentrations above the Wisconsin DILHR remedial action guideline of 10 ppm for petroleum contaminated soil.

6.4 Groundwater

Groundwater was not encountered in any of the test borings completed at the site. However, based on field screening and chemical analyses of the subsurface soil sample which indicated no contamination, it is believed that groundwater contamination has not occurred at this site.

7.0 RECOMMENDATIONS

After completing the Phase II Environmental Assessment for the Reedsburg Cleaners site, Aqua-Tech, Inc. recommends no further investigation or corrective action. Field screening of soil samples collected at the site failed to detect VOCs above background levels of the site. Laboratory analyses of samples collected at this site also failed to demonstrate contamination of soils with TPH at levels above the Wisconsin Department of Industry, Labor and Human relations prescribed limits.

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 # 5 6043 17

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.**

RECEIVED
JUL 18 1985
SAFETY & BLDGS. DIV.

This Individual Tank Registration Applies To (check one): Not sure

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: REEDSBURG CLEANERS

Street Address of Installation: 349 E. MAIN ST.

☒ City ☐ Village ☐ Town of: REEDSBURG

State: WI | Zip Code: 53959 | County: SAUK

3. Name of Contact Person: WAYNE BUTZ

Street Address:

☐ City ☐ Village ☐ Town of:

State: | Zip Code: | County:

Telephone Number (Include area code): (608) 524-2212

2. Name for Mailing if Different Than #1:

Mailing Address if Different Than #1:

☐ City ☐ Village ☐ Town of:

State: | Zip Code: | County:

4. Name of Owner if Different from #3:

Street Address:

☐ City ☐ Village ☐ Town of:

State: | Zip Code: | County:

Telephone Number (Include area code):

5. Fire Department Name and ID #:

6. Tank Age (date installed, if known, or years old):

7. If Tank Abandoned, Give Date (mo / day / yr):

8. Tank Capacity (in gallons):

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: C. Snyder

Date Completed: July 16 1985

SBD-7437 (N. 04/85)

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 # 56043 .161

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): _____

A. IDENTIFICATION

1. Name of Installation: Reedsburg Cleaners
Street Address of Installation: 349 E Main
☑ City ☐ Village ☐ Town of: Reedsburg
State: Wi Zip Code: 53959 County: Sauk 56

2. Name for Mailing if Different Than # 1
Mailing Address if Different Than #1
☐ City ☐ Village ☐ Town of:
State Zip Code County

3. Name of Contact Person
Street Address
☐ City ☐ Village ☐ Town of:
State Zip Code County
Telephone Number (include area code): 608 524 2212

4. Name of Owner if Different from #3
Street Address
☐ City ☐ Village ☐ Town of:
State Zip Code County
Telephone Number (include area code)

5. Fire Department Name and ID #

6. Tank Age (date installed, if known; or years old)

7. If Tank Abandoned, Give Date (mo / day / yr)

8. Tank Capacity (in gallons): 1,000

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): Emp

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: Wayne Buth

Date Completed: 4-11-86

SBD-7437 (N. 04/85)

APPENDIX B

Spills by County Within District

Date	Substance	Quantity	Location	City	Town	Range	Section	QQ1	QQ2	Cause	Spiller and City
07/12/1978	GASOLINE	60 G	401 SOUTH BLVD.	BARABOO	11	06E				FILLED WRONG TANK	TANK TRANSPORT CO., MADISON
08/29/1978	GASOLINE	20 G								CAR ACCIDENT	UNKNOWN
10/29/1978	DIESEL FUEL	90 G	I-90 EASTBOUND, MILEPOST 89.5		13	06E				TRUCK ACCIDENT	TOM INMAN TRUCKING CO., TULSA, OKLA
02/08/1979	GASOLINE	50 G	516 ASH ST.	BARABOO						TANK OVERFLOWED	CENEX, BARABOO
03/09/1979	TRANSFORMER OIL, NO PCB'S	10 G		ROCK SPRINGS						CAR HIT POLE	WISC. POWER & LIGHT, BARABOO
04/12/1979	FUEL OIL	0-275 G	DEVILS LAKE, SW CORNER COTTAGE	BARABOO						RUPTURED STORAGE TANK FILLER PIPE	MABEL BOWRON, STERLING, IL
05/25/1979	GASOLINE	200 G	CTH P & CTH H, RAY ANDERSON FARM	LYNDON STATION						HOSE BROKE	RAY ANDERSON, LYNDON STATION
06/05/1979	GASOLINE	50-100 G	DICK POPE MOBIL SERVICE STATION	REEDSBURG						TANKER LOADING ACCIDENT	DICK POPE MOBIL STATION, REEDSBURG
06/09/1979	GASOLINE	650 G	LOUIS SHELL STATION	SPRING GREEN						OVERFILLED STORAGE TANK	TIM SCHROEDER TANK TRANS., MADISON
03/30/1980	FUEL OIL	UNKNOWN	HWY 12, 1/2 BLOCK NORTH OF HWY 23	LAKE DELTON	13	06E	21	SE	NW	ACCIDENT, SADDLE TANKS RUPTURED	R & R TRUCKING, WISCONSIN DELLS
04/30/1980	NITROGEN & SULFUR	800 G	HWY 14/23, OFFENBERRY RD -HORSESHOE RD	SPRING GREEN						BROKEN HOSE ON TANK	HARTUNG BROS. INC., COTTAGE GROVE
05/03/1980	EPTAM	5 G	JUST OFF COWLES ROAD	BARABOO	11	06E	09	SE	SE	TANK TRAILER OVERTURNED	MIKE PUTKAMER, BARABOO
06/30/1980	ANHYDROUS AMMONIA	1,000 G	200 WASHINGTON ST.	BARABOO						TRAILER TANKER TIPPED OVER	CENNEX-FARMERS UNION STATION, BARAB
07/21/1980	FUEL OIL	50 G	HWY 12, 4 MILES NORTH OF CITY	BARABOO						CAR-TRUCK ACCIDENT	UNKNOWN
09/18/1980	GASOLINE	300 G	VALLEY RD., EAST OF HWY 23	LOGANVILLE						UNKNOWN	UNKNOWN
10/10/1980	NITROGEN SOLUTION, 28 %	4,000 G	303 WASHINGTON ST., TAYLOR FEED CO.	SAUK CITY						FILL PIPE BROKE	N-REN CORP., EAST DUBUQUE, IL
10/15/1980	FUEL OIL	UNKNOWN	STH 33	WEST BARABOO						UNKNOWN	UNKNOWN
11/24/1980	WHEY	UNKNOWN	BLUFF ROAD, 1 1/2 MILE OFF CTH WC	SPRING GREEN						ILLEGAL DUMPING	CEDERGROVE CHEESE
05/13/1981	DRY FERTILIZER	500 #	DENZER ROAD & WOOD ROAD	DENZER						UNKNOWN	UNKNOWN
05/28/1981	ACID	120 TONS	BADGER ARMY AMMUNITION PLANT	BARABOO						UNKNOWN	BADGER ARMY AMMUN. PLANT, BARABOO
06/18/1981	SULFURIC ACID, 90%	1,500 G	BADGER ARMY AMMUNITION PLANT	BARABOO						NEGLIGENT EMPLOYEE	STEARNS-ROGERS, COLORADO
07/06/1981	LIQUID MANURE	500,000 G	CTH K & STH 23	REEDSBURG	12	03	23			INTENTIONAL RELEASE	WENDELL KRAEMER, REEDSBURG
07/12/1981	SEWAGE	20-50 G	BETWEEN PLATT RES. & DELTON OAKS MOTEL	LAKE DELTON						PUMP FAILURE	VILLAGE OF LAKE DELTON, LAKE DELTON
07/15/1981	LIQUID MANURE	500,000 G	HWY K	IRONTON						MANURE SPILLED OUT OF LAGOON	WENDEL CRAMER, IRONTON
09/21/1981	FUEL OIL	100,000 G	707 14TH ST., ST CLAIRE HOSPITAL	BARABOO						LEAK IN UNDERGROUND STORAGE TANK	ST. CLAIRE HOSPITAL, BARABOO

Spills by County Within District

Date	Substance	Quantity	Location	City	Town	Range	Section	Q01	Q02	Cause	Spiller and City
09/25/1981	NITRIC ACID, 30 %	500-1000 #	HWY 12, BADGER ARMY AMMUNITION PLANT	BARABOO						TANK LEVEL TRANSMITTER CORRODED	BADGER ARMY AMMO. PLANT, BARABOO
10/07/1981	NITRIC ACID, 62 %	16,242 G	BADGER ARMY AMMO. PLANT-ACID COMPLEX	BARABOO	10	06E	12			VALVE ON TANK CAR FAILED	BADGER ARMY AMMO. PLANT, BARABOO
01/22/1982	FUEL OIL	UNKNOWN	VILLAGE OF LAVALLE-BARABOO RIVER	LAVALLE						SUSPECTED LEAKING TANK	UNKNOWN
02/23/1982	FUEL OIL	UNKNOWN	I94 JCT. STH #13, MILE 88							SEMI TRUCK ROLLOVER	
04/06/1982	DIESEL FUEL	100 G	I-90/94 E OF MILE POST 93	LAKE DELTON						ACCIDENT	UNKNOWN
11/12/1982	CHEMICALS	UNKNOWN	HWY 23 & I-90/94, DELLS OASIS TRUCK STOP	LAKE DELTON						WASHED INTO SEWAGE SYSTEM	SCOTT CONSTRUCTION, LAKE DELTON
11/18/1982	PLANT FERTILIZER	6200 G	WEBB ST.	REEDSBURG						HOLE IN BOTTOM OF TANK	NATURE'S PLANT FOOD CO., REEDSBURG
12/03/1982	SULFURIC ACID SLUDGE	2,000 #	BADGER ARMY AMMO. PLANT	BARABOO						TANK CORRODED	BADGER ARMY AMMO. PLANT, BARABOO
12/04/1982	MECURIC OXIDE	UNKNOWN	HWY. 33	REEDSBURG						TRAFFIC ACCIDENT	UNKNOWN
03/22/1983	DIESEL FUEL	60-100 G	1011 E. MASION	SPRING GREEN						BROKE VALVE ON TRUCK	CARDINAL GLASS, SPRING GREEN
06/22/1983	DIESEL FUEL	UNK	HWY 13 & LOWER DELLS STATION	N/A						UNK	MODIL STATION
07/12/1983	GASOLINE	UNKNOWN	CORNER OF RR ST. LUCKY ST. & PINE ST.	UNKNOWN	12	4E	10	NE	SW	UNKNOWN, TANKS LEAKING	REEDSBURG EQUITY COOP CENEX STATION
09/01/1983	GASOLINE	UNK	REEDSBURG EQUITY COOP STATION	UNKNOWN							
04/16/1984	UNK	5 G	I-90 & SH 13 WITH INTER. CH H	WIS DELLS	UNK					LEAKING UNDERGROUND TANK	CRAWFORD & CO., MADISON
05/21/1984	DIESEL FUEL	20 G	I-90/94 MP 101 EB	N/A	UNK					FAULTY EQUIPMENT	ROGERS OIL, SUN PRAIRIE
05/24/1984	HERBICIDE-BICEP	< 1 G	RS & NL COOP, 113 RAILROAD ST	ROCK SPRINGS	UNK	15E	11	SW	NW	SEMI ACCIDENT	INTERMODEL SERVICE INC, ST PAUL, MN
08/01/1984	PCB OIL	2 PINTS	AT PLANT- HWY 12	BARABOO	UNK					UNLOADING-VALVE STUCK	MATLOCK TRUCK INC
10/30/1984	FUEL OIL	- 30 G	BADGER PLANT- HWY 12	BARABOO	UNK					GASKET FAILURE-2 TRANSFORMERS	BADGER AMMO PLANT, BARABOO
11/02/1984	NITRIC ACID, OTHER	112,000 #	HWY 12	BARABOO	UNK					PUMP GASKET FAILURE	BADGER AMMO PLANT, BARABOO
11/05/1984	FUEL OIL	- 5 G	I90-94 MP 96	SAUK CITY	UNK					CORRODED FLANGE ON STORAGE	BADGER ARMY AMMO PLANT, BARABOO
01/17/1985	GASOLINE, UNLEADED	4000 + G	HWY 14 & 23-DUANE'S STANDARD	SPRING GREEN	T08					VALVE BROKE ON TANKER	BULK-MATIC TRANSPORT, IL
04/16/1985	LIQUID NITROGEN	* 12,000 G	INT. HWY 78 & BUSINESS 12	SAUK CITY	T10					LINE LEAK -TANK TO DISPENSER	DUANE' STANDARD, SPRING GREEN
04/17/1985	HERBICIDE-ATRAZINE	20 G	COMMERCIAL AVE	REEDSBURG						BROKEN VALVE	TRICOUNTY FORMERS CO-OP, SAUK CITY
05/04/1985	HAZARDOUS SUBSTANCES	UNK	I-90 AT HWY 23 INTERSECTION	N/A	T13					BROKEN PIPE ON STORAGE TAK	REEDSBURG EQUITY COOP, REEDSBURG
										INATTENTIVE DRIVING	NORTHSTAR TRANSPORT INC, EAGAN, MN

Spills by County Within District

Date	Substance	Quantity	Location	City	Town	Range	Section	QQ1	QQ2	Cause	Spiller and City
05/14/1985	DIESEL FUEL	50-100 G	I-90/94 MP 90	N/A						TRUCK ACCIDENT	UNK
05/14/1985	DIESEL FUEL	10 G	UNK	LAKE DELTON	T13					LEAK IN SADDLE TANK	UNK
06/11/1985	FUEL OIL	~ 200 G	INTER. HWY 12,23 & DELAVAN ST	LAKE DELTON	T13					LEAKING UNDERGROUND TANK	VILLAGE OF LAKE DELTON
06/11/1985	AMMONIA	870 G	UNK	REEDSBURG	T12					DRIVING TOO FAST FOR CONDITION	CENEX, REEDSBURG
06/13/1985	GASOLINE	UNK	INTER. I-90/94 & HWY 23	LAKE DELTON	T13					LEAKING UNDERGROUND TANK	DELLS OASIS SHELL STATION,LK DELTON
08/04/1985	AMMONIA, ANHYDROUS	100 #	HWY PF-.25 MI W OF HWY 12	PRAIRIE DU SAC						INTENTIONAL DISCHARGE	TRI-COUNTY COOP, PRAIRIE DU SAC
10/16/1985	DIESEL FUEL	< 100 G	I-94 WB WEST OF MP 98	N/A	UNK					FUEL LINES SEVERED	BROOMSMAS & CO, NEW RICHLAND, MN
11/08/1985	MILK	2500 G	.2 MILES E OF HYW 23,LELAND	LOGANVILLE	T10					DEFECTIVE VALVE	SUEMNICHTS CHEESE FACTORY, LOGANVIL
11/17/1985	FUEL OIL	60 G	ST HWY 12, 1/4 M SO. REEDSBURG	N/A	UNK					HIGHWAY ACCIDENT	HEDDING TRUCK SERVICE, MONEWOC
03/12/1986	LEACHATE	1600 G	LANDFILL LANE, SAUK CO. LANDFILL	SAUK			.00			PUMP MALFUNCTION	SAUK COUNTY LANFILL
03/18/1986	GASOLINE	41 G	418 WATER	BARABOO			.00			PIPE SPRUNG A LEAK	W.C. FULLMER TRANSFER, BARABOO
03/18/1986	SULFURIC ACID	10-15 G	AMMUNITION PLANT, MAINTENANCE BULIDING	BARABOO			.00			RUPTURED DISC ON TOP OF TANKER	ROYSTER CO., MADISON
03/24/1986	FUEL OIL	50 G	902 SAUK PRAIRIE, PARKING LOT	BARABOO			.00			FUEL LINE TORN OFF	(POSSIBLE) - GREAT WESTERN CO.
04/07/1986	UNK	500+ G	INTERSECTION BASS RD. & CTH "V"		13	04E	.00	NW	SE	UNK	UNK
04/09/1986	SEWAGE		EMERALD CT, AMUSEMENT PARK	LAKE DELTON			.00			DAMAGED PRESSURE LINE	VILLAGE OF LAKE DELTON
04/17/1986	FUEL OIL #2	5-7 G	HENWIG ROAD, .4 MILES SOUTH OF SOUTH RD.				.00			INTENTIONAL DUMPPING ONTO ROAD	AMOCO OIL CO., REEDSBURG
04/21/1986	DIESEL FUEL	5-60 G	HWY 33, .1 MILE WEST OF JOHNSON RD.		11	07E	26	NW	NW	TRAFFIC ACCIDENT	SHERYL ALBERS, NORTH FREEDOM
04/23/1986	DUPONT VELPRA (WEED KILLER)	1 1/2 G	HWY 12 & TERRY TOWN RD.				.00			TRAFFIC ACCIDENT	CENEX, COTTAGE GROVE
05/09/1986	28% LIQUID NITROGEN	<100 G	VILLAGE OF ROCK SPRINGS - CENEX PLANT				.00			PTO PUMP BROKE	BLUE VALLEY TRUCKING, MT. HOREB
05/26/1986	FERTILIZER		2nd ST. & BROADWAY	BARABOO			.00			DRAINAGE OF SUBSTANCE FROM STORAGE	ISENBERG HARWARE, BARABOO
08/28/1986	FUEL OIL #2	30-70 G	LYNN AVENUE	BARABOO						BROKEN VALVE	CENNEX, BARABOO
09/28/1986	DIESEL FUEL	2,000 G	HWY 23, 7 MILES EAST OF LIME RIDGE	LIME RIDGE						TORNADO DESTROYED STORAGE TANK	R.S. & L CONSOLIDATE COOP, LIME RID
11/03/1986	DIESEL FUEL	20 G	STATE HIGHWAY 136, 1/3 MI N. OF MILE RD.	UNKNOWN	12	5E	19	NE	SW	TRAFFIC ACCIDENT	SHAW TRUCKING, LIME RIDGE

REPORT: FIR110R
REGION: 05

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
FACILITY INDEX SYSTEM (FINDS)
MATRIX REPORT WITH X INDICATING MONITORING PROGRAMS

EPA-ID	FAC. NAME/ADDRESS/CITY	STATE	ZIP	PROGRAM OFFICE SOURCE CODE 01	02	03	04	05	07	08	09	10	13	14	15	16
WID988566998	DEERBORWOC CANNING CO RTE 1 POYNETTE	WI	53955			X										
WID981200074	POYNETTE SCHOOL DIST LEA 436 E WASHINGTON POYNETTE	WI	53955		X			X		X						
WID988566972	R G H TRUCKING INC PO BOX 308 POYNETTE	WI	53955			X										
WID980510588	ALSUM KENNETH FARM RURAL ROUTE RANDOLPH	WI	53956					X								
WID000713578	ARBOCO FERTILIZER PLANT E&I 73 SOUTH RANDOLPH RANDOLPH	WI	53956		X			X								
WID006109478	BUSSE BROS INC 124 W COLUMBUS ST RANDOLPH	WI	53956		X											
WID006075352	HOPKINS AGRICULTURAL CHEMICAL 110 HOPKINS DR RANDOLPH	WI	53956		X		X	X		X						
WID063514590	JUNG FARMS INC 335 S HIGH ST RANDOLPH	WI	53956		X											
WID986689262	MEEHAN RAIN AUTO BODY 994 RAIN ST REESAH	WI	53956		X											
WID076175249	RIO FARMERS UNION COOPERATIVE CO TRK P CAMBRIA	WI	53956			X										
WID006109425	ROCKWELL OF RANDOLPH INC 334 W STROUD ST RANDOLPH	WI	53956		X		X									
WID000505212	ARBOCO FERTILIZER PLANT EAGLE ST REEDSBURG	WI	53959		X			X								

REPORT: FIR110R
REGION: 05

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
FACILITY INDEX SYSTEM (FINDS)
MATRIX REPORT WITH X INDICATING MONITORING PROGRAMS

EPA-ID	FAC. NAME/ADDRESS/CITY	STATE	ZIP	PROGRAM OFFICE SOURCE CODE 01	02	03	04	05	07	08	09	10	13	14	15	16
WID006105468	CELLOX CORP 900 LUCKY STREET REEDSBURG	WI	53959					X								
WID051623353	GEBBER PRODUCTS CO HANKSCRAFT 728 BOOSTER BLVD REEDSBURG	WI	53959					X		X						
WID000809129	GREDE FOUNDRIES INC-REEDSBURG 700 ASH ST REEDSBURG	WI	53959					X	X	X						
WID980684302	PLATECO OF WISCONSIN INC 1375 INDUSTRIAL ST REEDSBURG	WI	53959					X								
WID008961849	REEDSBURG EQUITY WHSE CO-OP #1 300 VINE ST REEDSBURG	WI	53959						X							
WID980610570	REEDSBURG LDFL CITY OF RTD 3 BARABOO	WI	53959						X							
WID076160357	REEDSBURG SCHOOL DIST 710 N WEBB AVE REEDSBURG	WI	53959					X		X						
WID000854695	REEDSBURG STP 802 DIVISION ST REEDSBURG	WI	53959					X								
WID006105506	SEATS INC 350 N DEWEY AVE REEDSBURG	WI	53959					X								
WID981534217	SKINNER TRANSFER CORP 2050 E MAIN REEDSBURG	WI	53959					X								
WI6180000063	US POSTAL SERVICE REEDSBURG PO 215 N WALNUT REEDSBURG	WI	53959						X							
WID008961914	WIS FARMERS UNION COOPERATIVE 107 E WIS ST WIS	WI	53960						X							

County	Legal_city	Site_name	Address	Qtqt	Qt	Section	Town	North	Range	East_west	Priority
57	OREGON WI	MARTINSON SERVICE STATION	810 MAIN ST					N			4
57	PLAIN	KRAMER & SONS	1 PLAINVIEW RD	NW	NE	08	09	N	xx	E	2
57	PRAIRIE DU SAC	TOWER ROCK ELEMENTARY SCHOOL	S 89 79 DENZIER ROAD					N			4
57	REEDSBURG	REEDSBURG AIRPORT	1220 E MAIN					N			4
57	REEDSBURG	REEDSBURG CONCRETE	134 EAGLE ST					N			4
57	REEDSBURG	REEDSBURG EQUITY CO-OP CN	RAILROAD STREET	NE	SW	10	12	N	xx	E	4
57	REEDSBURG	SAUK CO HEALTH CARE CENTER	S 4555 CO TRNK CH					N			4
57	RICHLAND	HENRY PROPERTY	RT 3 HWY 80					N			2
57	SAUK CITY	FUCHS TRUCKING	HWY 78					N			4
57	SAUK CITY	HAINSTOCK RESIDENCE	S 10363 CO HWY C	NE	SW	08	09	N	xx	E	1
57	SAUK CITY CITY OF	CENEX COOP SAUK CITY	603 PHILLIPS BLVD					N			1
57	SAUK CITY CITY OF	SAUK CITY WELL #2	806 WATER ST	SW	se	12	09	N	06	E	1
57	SPRING GREEN	KOLLER PETROLEUM PRODUCTS	HWY 14 & 23	NW	NW	07	08	N	xx	E	1
57	SPRING GREEN	RIVER VALLEY HIGH SCHOOL	HWY G	SE	XX	12	08	N	03	E	3
57	SUN PRAIRIE,TOWN OF	DAHMAN'S SERVICE STATION	246 W MAIN					N			4
57	WI DELLS	WI DELLS CONCRETE	HWY A					N			4
57	YUBA	SOMMERS PROPERTY (ROBERT)	RR 3 STH 80					N			4
58	BASS LAKE, TOWN OF	TWIN PINES RESORT	NORTHWOODS BC HAYWARD WI 54843					N			4
58	BROOKFIELD	SOO LINE RAILROAD - EAST	MO 99.9 EAST					N			2
58	COUDERAY, TN	SAWYER CO HWY DEPT - COUDERAY		N	XX	12	38	N	08	W	3
58	DRAPER TOWNSHIP OF	BLAISDELL LAKE LODGE	LORETTA WI 54852					N			4
58	DRAPER, TOWN OF	OXBO RESORT	HWY 70, OXBO	NW	SE	14	39	N	03	W	3
58	EXELAND, VIL	SAWYER CO HWY DEPT - EXELAND	1 BLK N OF MAIN ST					N			3
58	EXELAND, VILLAGE OF	EXELAND ELEM SCHOOL	HWY 48 EXELAND WI					N			3
58	HAYWARD, CITY	HAYWARD PLUMBING & ELECTRIC	1ST ST & MINNESOTA AVE					N			3
58	HAYWARD, CITY	HAYWARD RANGER STATION	STH 27 S	SE	SE	27	41	N	09	W	1
58	HAYWARD, CITY OF	DAKOTA AVENUE 66	DAKOTA AVE HAYWARD WI 54843	NE	NW	27	41	N		W	1
58	HAYWARD, CITY OF	GORDON'S STANDARD STATION	201 W 1ST STR HAYWARD WI					N			2
58	HAYWARD, CITY OF	HEINZ UNION 76	HWY 27 & 63	SW	SW	22	41	N	09	W	4
58	HAYWARD, CITY OF	LOUISIANA PACIFIC	PO BOX 8263 HAYWARD WI 54843					N			4
58	HAYWARD, CITY OF	SPECIALTY 66	USH 63 S HAYWARD WI 54843					N			4

23-Oct-89

WASTE DISPOSAL SITES IN WISCONSIN

DNR DIST.	COUNTY	FACILITY NAME	LOCATION TOWN/CITY	ADDRESS/LEGAL DESCRIPT.	ID NUM.	STATUS / INFO. SOURCE
SD	SAUK	TN FRANKLIN	FRANKLIN	S19 10N 04E	1486 TEMP	LIC LOG 1970
SD	SAUK	MERLAN MARKERT	FREEDOM	NW SE S35 11N 05E	POST-REG	CO FILES BUREAU
SD	SAUK	LLOYD J HELD	HONEY CREEK	NW NE S02 10N 05E	POST-REG	CO FILES BUREAU
SD	SAUK	VIL TN IRONTON	IRONTON	NW NE 16 12N 03E	41	ACTIVE SITE
SD	SAUK	VIL LIME RIDGE	IRONTON	SW SW S29 12N 03E	PRE-REG	PUBLIC
SD	SAUK	COUNTRY MARKET FOOD STORE	LAKE DELTON	SW NW S21 13N 06E	POST-REG	CO FILES BUREAU
SD	SAUK	VIL LA VALLE WOOD SITE	LAVALLE	NE NE 21 13N 03E	129	ACTIVE SITE
SD	SAUK	TN LAVALLE	LAVALLE	SW SE S16 13N 03E	126 TEMP	DODGEVILLE AREA
SD 5	SAUK	VIL LAVALLE DUMP	LAVALLE	NE SE S21 13N 03E	PRE-REG	DIST FILES 5-85
SD 5	SAUK	VIL LAVALLE	LAVALLE	NE SE S21 13N 03E	PRE-REG	PUBLIC
SD	SAUK	SPRECHER'S BAR	LELAND	NE NW S19 10N 05E	POST-REG	DODGEVILLE AREA
SD	SAUK	IDEAL BODY SHOP	MERRIMAC	NE NW S04 10N 07E	POST-REG	CO FILES BUREAU
SD	SAUK	VIL MERRIMAC	MERRIMAC	NW SE S02 10N 07E	740 TEMP	INACT FILE 2/84
SD	SAUK	BADGER ARMY AMMUNITION PLANT	MERRIMAC	NW NW 06 10N 07E	2813	ACTIVE SITE
SD	SAUK	SAUK COUNTY DEMO SITE	MERRIMAC	SE SE S19 11N 07E	POST-REG	DODGEVILLE AREA
SD	SAUK	TN MERRIMAC	MERRIMAC	NE SW S35 11N 07E	26 TEMP	LIC LOG 1970
SD 9	SAUK	BADGER ARMY AMMUNITION PLANT LF	MERRIMAC	SW NW 07 10N 07E	3118	ACTIVE
SD	SAUK	SOUTH LAKE WI BOAT CLUB	MERRIMAC	NE SW S19 10N 07E	POST-REG	DODGEVILLE AREA
SD	SAUK	VIL NORTH FREEDOM	NORTH FREEDOM	SW NE S04 11N 05E	451 TEMP	INACT 9/84
SD	SAUK	VIL PRAIRIE DU SAC	PRAIRIE DU SAC	SE NE S05 09N 06E	18 TEMP	KUNES 12/70
SD	SAUK	VIL PRAIRIE DU SAC	PRAIRIE DU SAC	SW S28 10N 06E	PRE-REG	PUBLIC
SD	SAUK	VIL PRAIRIE DU SAC	PRAIRIE DU SAC	SE NE 05 09N 06E	18	ACTIVE SITE
SD	SAUK	VIL PRAIRIE DU SAC (WOOD & ASH)	PRAIRIE DU SAC	NE SE S35 10N 06E		PUBLIC
SD	SAUK	VIL PRAIRIE DU SAC	PRAIRIE DU SAC	NW SE S36 10N 06E	1676 TEMP	INACT FILE 2/84
SD	SAUK	TN PRAIRIE DU SAC	PRAIRIE DU SAC	NW NE 06 09N 06E	223	INACT 7/89
SD	SAUK	GREDE-REEDSBURG FOUNDRY SW LF	REEDSBURG	SW NE 23 12N 04E	2974	ACTIVE SITE
SD	SAUK	RAYMOUND ZOBEL	REEDSBURG	NE NE S16 12N 04E	POST-REG	CO FILES BUREAU
SD	SAUK	WINN BARTZ PROPERTY	REEDSBURG	STH 23 SOUTH	POST-REG	DODGEVILLE AREA
SD	SAUK	CNTY SAUK HEALTH CARE CENTER	REEDSBURG	NW SE S34 12N 04E	1981 TEMP	INACT FILE 2/84
SD	SAUK	ROBERT WUCHTERL (FOUNDRY SAND)	REEDSBURG	7TH ST & DEWEY ST	NONE	CO FILES BUREAU
SD	SAUK	GRINDER'S SHEET METAL	REEDSBURG	SE SE S09 12N 04E	POST-REG	CO FILES BUREAU
SD	SAUK	CTY REEDSBURG LDFL #474	REEDSBURG	NW NE S14 12N 04E	WID980610570	ERRIS 10-20-83
SD	SAUK	VIL SAUK CITY	SAUK CITY	NE NE S13 09N 06E	861 OR 119	INACT FILE 2/84
SD	SAUK	VIL SPRING GREEN	SPRING GREEN	SW SW S12 08N 03E	485 TEMP	DODGEVILLE AREA

SD 9 = SITE ADDED TO LIST IN 1989.

APPENDIX C

FIELD PHOTOGRAPHY LOG SHEET

SITE NAME: Reedsburg Cleaners

DATE: 6/4/91

TIME: 10:30 A.M.

DIRECTION OF PHOTOGRAPH:

West

WEATHER CONDITIONS:

85°F

Partly Cloudy

PHOTOGRAPHED BY:

Mark G. Riha

SAMPLE ID: (If Applicable):

N/A

DESCRIPTION: Soil boring RC-2 has just been completed in this photograph.

DATE: 6/4/91

TIME: 10:30 A.M.

DIRECTION OF PHOTOGRAPH:

Northwest

WEATHER CONDITIONS:

85°F

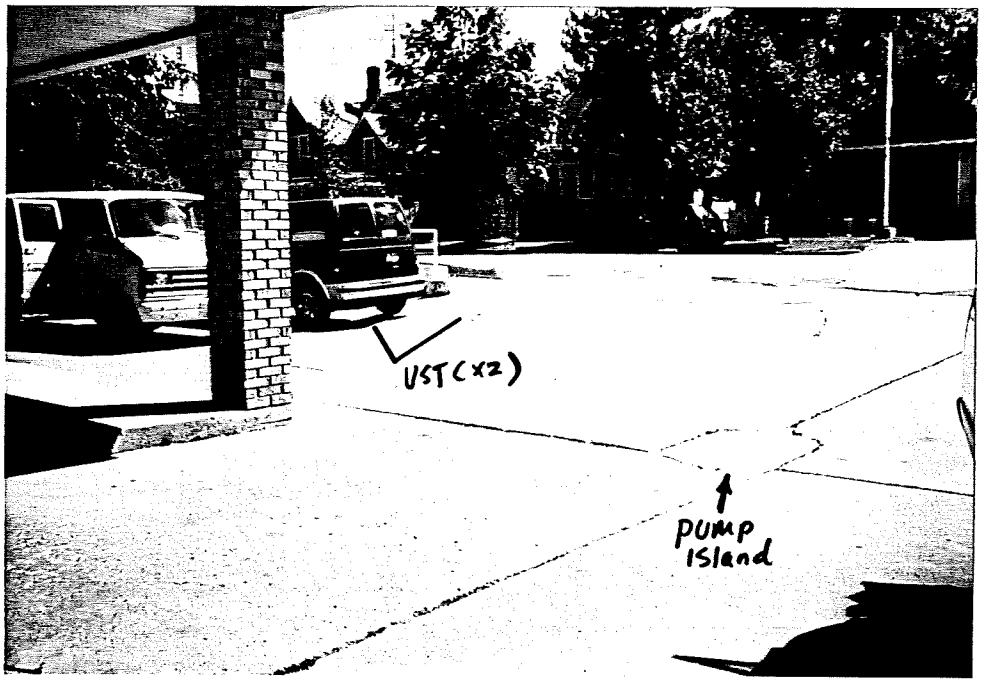
Partly Cloudy

PHOTOGRAPHED BY:

Mark G. Riha

SAMPLE ID: (If Applicable):

N/A



DESCRIPTION: The former pump island and fill caps for the two underground storage tanks (USTs) are illustrated in this view.

FIELD PHOTOGRAPHY LOG SHEET

SITE NAME: Reedsburg Cleaners

DATE: 6/4/91 DIRECTION OF PHOTOGRAPH: North PHOTOGRAPHED BY: Mark G. Riha

TIME: 10:30 A.M. WEATHER CONDITIONS: 85°F, Partly Cloudy SAMPLE ID: N/A

DESCRIPTION: This photograph illustrates the Reedsburg Cleaners and Dairyland Veterinary Service

APPENDIX D

AQUA-TECH INC.

HNU Photoionization Detector
Calibration Documentation

HNU Photoionization Detector Number #5 was calibrated with 101 ppm Isobutylene which is equivalent in response to 95 ppm Benzene at a span setting of 7.68 with a 10.2 electron volt (eV) lamp.

Job Name and Number: Spellman Maint (Reidsburg Cleaners 96069)

Calibration Location: Spellman Maint - Main street

Date: 6-4-91 Time: 9:30 AM

Signature:

Procedure For Calibration

A. Battery Check - Attach probe to unit. Turn function switch to BATT. The needle should be in the green region. If not, recharge the battery.

B. Zero Set - Instrument should be zeroed on site if possible. Turn function switch to STANDBY. Listen to make sure fan is operating. Set the zero point with the ZERO set control.

C. Calibration - Attach calibration gas to end of probe extension. Adjust SPAN control setting to obtain the necessary meter reading. If meter does not respond, or if the correct reading cannot be adjusted, the unit must be serviced or cleaned

The above calibration procedure is taken from Calibration Procedure, Section 3.4, of the Instruction Manual, Trace Gas Analyzer, HNU Model 101, December, 1985.

CORPORATE
140 S. Park St., Port Washington, WI 53074
(414) 284-5746 FAX (414) 284-0243

TREATMENT FACILITY
340 Robinson Rd. Greer, S.C 29651
(803) 877-1048 FAX (803) 877-1872

APPENDIX E

AQUA-TECH INC.
140 South Park Street
Port Washington, Wisconsin 53074

TELEPHONE:

(414) 284-5746
(414) 375-0407 (MILW METRO)

SOIL PROFILE LOG

PROJECT: **REEDSBURG CLEANERS**

LOCATION: 349 EAST MAIN STREET
REEDSBURG, WI

PROJECT#: 5080-03-00

ATI WO#: 96069

BORING RC-1 SURFACE ELEVATION

SAMPLES NO.	MOISTURE (BLOWS)	REC	PID LEVELS (PPM) HEADSPACE	DEPTH (FT)	DESCRIPTION AND REMARKS
				0.0	
	FM 3 4 3 4		0		0.0' - 1.0' ASPHALT/COBBLE 1.0' - 2.0' MEDIUM YELLOW SAND (WOOD DEBRIS) 2.0' - 3.0' RED MEDIUM SAND
	FM 1 1 1 1		0		3.0' - 6.0' DK BROWN MEDIUM SILTY SAND W/STONES
	MOIST 4 5 5 7		0	5.0	
	FM 5 7 9 12		0		6.0' - 7.0' MEDIUM RED SAND 7.0' - 11.0' TAN WEATHERED SANDSTONE
	FM 6, 9 12, 14		0	10.0	
	40/9		0		11.0' - 15.0' SANDSTONE BEDROCK
	40/4		0		
RCS-1	20/1		0	15.0	TERMINATED BORING AT 15.0' *SOIL SAMPLE RCS-1: 15.0' *NO GROUNDWATER ENCOUNTERED
				20.0	
				25.0	

WATER LEVEL OBSERVATIONS		GENERAL INFORMATION	
WHILE DRILLING	----	START DATE 06/04/91	COMPLETION DATE 06/04/91
DEPTH TO WATER	----	DRILLING METHOD: HOLLOW STEM AUGER; SPLIT SPOON SAMPLING	
DEPTH TO CAVE-IN	----	LOGGER:	

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5W
11-89

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location: RC-2

County: SAUK

SW 1/4 of NE 1/4 of Sec. 10 ; T. 12 N; R. 4 ☒ E ☐ W

(If applicable) _____ Gov't Lot _____ Grid Number

Grid Location _____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Civil Town Name: Reedsburg

Street Address of Well: 349 East Main street

City, Village: Reedsburg

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner

Street or Route

City, State, Zip Code

Facility Well No. and/or Name (If Applicable)

WI Unique Well No.

Reason For Abandonment: Soil boring - unsat.

Date of Abandonment: 6-4-91

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On (Date): 6-4-91

☐ Monitoring Well
☐ Water Well
☒ Drillhole
☐ Borehole

Construction Report Available? ☒ Yes ☐ No

Construction Type:
☒ Drilled ☐ Driven (Sandpoint) ☐ Dug
☐ Other (Specify) _____

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 150 Casing Diameter (ins.) _____
(From groundsurface)

Casing Depth (ft.) _____

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown
If Yes, To What Depth? _____ Feet

(4) Depth to Water (Feet) N/A

Pump & Piping Removed?	☐ Yes	☐ No	☒ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	☒ Not Applicable
Screen Removed?	☐ Yes	☐ No	☒ Not Applicable
Casing Left in Place?	☐ Yes	☐ No	

If No, Explain _____

Was Casing Cut Off Below Surface?	☐ Yes	☐ No
Did Sealing Material Rise to Surface?	☐ Yes	☐ No
Did Material Settle After 24 Hours?	☐ Yes	☐ No
If Yes, Was Hole Retopped?	☐ Yes	☐ No

(5) Required Method of Placing Sealing Material
☒ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Dump Bailer ☐ Other (Explain)

(6) Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
☒ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Pellets
☐ Granular Bentonite
☐ Bentonite - Cement Grout

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
Asphalt Patch	Surface	0.5		
Chipped Bentonite.	0.5	15.0		

(8) Comments: _____

(9) Name of Person or Firm Doing Sealing Work: Aqua-Tech, Inc. / Mark Riha

Signature of Person Doing Work

Date Signed: 6-5-91

Street or Route: 190 S Park St.

Telephone Number: (414) 284-5746

City, State, Zip Code: Port Washington, WI 53074

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected

District/County

Reviewer/Inspector

Follow-up Necessary

AQUA-TECH INC.
140 South Park Street
Port Washington, Wisconsin 53074

TELEPHONE:

(414) 284-5746
(414) 375-0407 (MILW METRO)

SOIL PROFILE LOG

PROJECT: **REEDSBURG CLEANERS**

LOCATION: 349 EAST MAIN STREET
REEDSBURG, WI

PROJECT#: 5080-03-00

ATI WO#: 96069

BORING RC-2 SURFACE ELEVATION

SAMPLES NO.	MOISTURE (BLOWS)	REC	PID LEVELS (PPM) HEADSPACE	DEPTH (FT)	DESCRIPTION AND REMARKS
				0.0	
	FM 4 4 2 2		0		0.0' - 1.0' ASPHALT/COBBLE 1.0' - 2.5' TAN MEDIUM SAND
	FM 2 3 2 2		0		2.5' - 3.0' DARK BROWN SILTY SAND 3.0' - 9.0' RED MEDIUM SAND
	FM 2 2 3 4		0	5.0	*WEATHERED SANDSTONE
	FM 3 3 4 5		0		
	FM 50/13	N/R	0	10.0	9.0' - 15.0' SANSTONE BEDROCK
RCS-2	FM 50/8		0		
	20/1	N/R			
				15.0	TERMINATED BORING AT 15.0' *SOIL SAMPLE RCS-2: 11.0' - 13.0' *NO GROUNDWATER ENCOUNTERED
				20.0	
				25.0	

WATER LEVEL OBSERVATIONS		GENERAL INFORMATION	
WHILE DRILLING	----	START DATE 06/04/91	COMPLETION DATE 06/04/91
DEPTH TO WATER	----	DRILLING METHOD: HOLLOW STEM AUGER; SPLIT SPOON SAMPLING	
DEPTH TO CAVE-IN	----	LOGGER:	

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5W
11-89

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location: RC-1

County: SAUK

SW 1/4 of NE 1/4 of Sec. 10 ; T. 12 N; R. 4 ☒ E ☐ W

(If applicable) _____ Gov't Lot _____ Grid Number

Grid Location _____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Civil Town Name: REEDSBURG

Street Address of Well: 349 East Main street

City, Village: REEDSBURG

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner

Street or Route

City, State, Zip Code

Facility Well No. and/or Name (If Applicable) | WI Unique Well No. _ _ _ _ _ _

Reason For Abandonment: Soil borings - WPDT

Date of Abandonment: 6-4-91

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On (Date): 6-4-91

☐ Monitoring Well
☐ Water Well
☒ Drillhole
☐ Borehole

Construction Report Available? ☒ Yes ☐ No

Construction Type:
☒ Drilled ☐ Driven (Sandpoint) ☐ Dug
☐ Other (Specify) _____

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 15.0 Casing Diameter (ins.) ____
(From groundsurface)

Casing Depth (ft.) ____

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown
If Yes, To What Depth? _____ Feet

(4) Depth to Water (Feet) N/A

Pump & Piping Removed?	☐ Yes	☐ No	☒ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	☒ Not Applicable
Screen Removed?	☐ Yes	☐ No	☒ Not Applicable
Casing Left in Place?	☐ Yes	☐ No	

If No, Explain _____

Was Casing Cut Off Below Surface?	☐ Yes	☐ No
Did Sealing Material Rise to Surface?	☐ Yes	☐ No
Did Material Settle After 24 Hours?	☐ Yes	☐ No
If Yes, Was Hole Retopped?	☐ Yes	☐ No

(5) Required Method of Placing Sealing Material
☒ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Dump Bailer ☐ Other (Explain)

(6) Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
☒ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Pellets
☐ Granular Bentonite
☐ Bentonite - Cement Grout

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
Asphalt Patch	Surface	0.5		
Chipped Bentonite	0.5	15.0		

(8) Comments: _____

(9) Name of Person or Firm Doing Sealing Work: Aqua-Tech, Inc. / Mark Rika

Signature of Person Doing Work | Date Signed: 6-5-91

Street or Route: 140 S. Park St. | Telephone Number: (414) 284-5746

City, State, Zip Code: Port Washington WI 53074

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	District/County
Reviewer/Inspector	
Follow-up Necessary	

APPENDIX F

AQUA-TECH INC.
140 S. Park St. Port Washington, WI 53074

CHAIN OF CUSTODY RECORD

Use Black Ink Only, Press Hard

PROJ. NO	PROJECT NAME
96069	REEDSBURG CLEANERS

SAMPLERS: *(Signature)* [signature]

Filtered (Yes/No)
Preserved (Code)
Refrigerated (Yes/No)
Sample type (Grab/Composite)
Sample sources (WW, GW, DW, other)

Preservation Code:
A - None D - NaOH
B - HNO3 E - HCL
C - H_2SO_4 F - ____

ATI Lab No.	Yr 91 Date	Time	Sample Station ID		Total Number of Containers	TPH-GAS	% Solids					Analysis Depth (ft)	Comments: HnU = (ppm)
	6-4	10:45	RCS-1	18377	1	X	X					15.0'	0
	6-4	12:00	RCS-2	18378	1	X	X					11-13'	0

Relinquished by: *(Signature)*	Date / Time	Received by: *(Signature)*	Date / Time
[signature]	6-4-91 / 4:30	Terri A. Olson	6-4-91 / 16 30
Relinquished by: *(Signature)*	Date / Time	Received by: *(Signature)*	Date / Time
Relinquished by: *(Signature)*	Date / Time	Received for Laboratory by: *(Signature)*	

Report to:
Name MARK RIHA
Street ____
City ____ State ____ Zip ____
Phone no. ( ) ____
Fax no. ( ) ____

Remarks: Rush

Receipt pH ____
Receipt temp ____

APPENDIX G

DAVY LABORATORIES

115 South 6th Street
P.O. Box 2076
La Crosse, WI 54602-2076
(608) 782-3130

Division of Davy Engineering Co.

Aqua-Tech, Inc.
140 South Park Street
Port Washington, Wisconsin 53074

June 6, 1991
Client No. 10569
Project No. 96069

Attn: Mr. Mark Riha

INTRODUCTION:

Number of Samples Received:	Two soil samples
Date Received:	June 4, 1991
Analysis Requested:	Total Petroleum Hydrocarbons (TPH), and total solids.

SAMPLE IDENTIFICATION:

Date Collected:	June 4, 1991
Collected By:	Mark Riha of Aqua-Tech, Inc.
Collection Location:	Project: 96069 - Reedsburg Cleaners
Date Delivered:	June 4, 1991
Delivered By:	Client

Upon the arrival at the laboratory, the samples were given the following identification numbers:

Davy Lab Number	Sample Site
18377	RCS-1
18378	RCS-2

METHODOLOGY:

TPH ANALYSIS

The soil samples were analyzed according to the method outlined in the Leaking Underground Fuel Tank Manual published by the State of California. The Wisconsin Department of Natural Resources references this method for the analysis of Total Petroleum Hydrocarbons (TPH) either as Gasoline, Fuel Oil, or Diesel. Each sample was extracted three times with carbon disulfide. The extracts were then dried and concentrated to 1-ml with carbon disulfide. A portion of the each sample was injected into a Perkin-Elmer Sigma 2B Gas Chromatograph equipped with a FID detector. Fuel standards from the EPA are used to calibrate the system. A minimum of eight peak areas are used to quantitate the sample response. Total peak areas obtained were compared with known standards.

TOTAL SOLIDS

The samples were analyzed according to EPA Methodology. A portion of each sample was weighed out and dried to a constant weight.

RESULTS:

The results of the analysis for Total Petroleum Hydrocarbons (TPH) and total solids is given below:

SAMPLE NO.	TOTAL SOLIDS(%)	TOTAL PETROLEUM HYDROCARBONS (ppm)a
18377-RCS-1	90.0	<1.0
18378-RCS-2	96.9	<1.0

DAVY LABORATORIES

115 South 6th Street
P.O. Box 2076
La Crosse, WI 54602-2076
(608) 782-3130

Division of Davy Engineering Co.

< means "less than"
a - calculated on a dry weight basis
Minimum Detection Limit = 1.0 ppm

DISCUSSION:

The chromatographic response of the samples compared to the response of the standards indicated that the samples did not contain fuel contamination.

If you have any questions, please call us.

Submitted by:

DAVY LABORATORIES

Paul A. Harris, Director

The laboratory analysis reported was determined in accordance with current methodology. The results are only representative of the samples received; conditions can be expected to vary at different times and under different sampling conditions.

CORRESPONDENCE / MEMORANDUM

STATE OF WISCONSIN

Department of Transportation

DATE: November 4, 1991

TO: Munzer Haidar, Trans. Dist. 1, Design

FROM: John Lewis, Hazardous Materials Program Manager
Office of Environmental Analysis

SUBJECT: ENVIRONMENTAL SITE ASSESSMENT REPORT
Property: Reedsburg Cleaners
Project ID# : 5080-03-00
County: Sauk
Highway: STH 23/33

Attached are two copies of the report for the site assessment of the above property.

The assessment concludes:

Enclosed is an addendum for the Reedsburg Dry Cleaners site. The consultant initially neglected to sample for VOCs. Subsequent sampling revealed no detection of VOCs.

Soils are not contaminated with VOCs or petroleum product.

Groundwater was not encountered.

The assessment recommends:

No further investigation.

If you have any questions about the data contained within this report or need additional information, please contact Shar Barendrecht at (608) 266-1476.

CC: File
C.O. Design
DNR - LUST Unit - Southern District (w/report)

ADVENT

ENVIRONMENTAL SERVICES, INC.

October 31, 1991

Mr. John Lewis
Wisconsin Department of Transportation
Office of Environmental Analysis, Room 651
P.O. Box 7916
Madison, WI 53707

Dear Mr. Lewis:

Subject: Reedsburg Dry Cleaners, WDOT Project No. 5080-03-00, AESI Project No. 96069

At the request of the WDOT, an additional investigative soil boring was completed at the Reedsburg Dry Cleaners site, 349 East Main Street, Reedsburg, Wisconsin. This boring was completed to determine the possibility of subsurface contamination with solvents associated with the dry cleaning practices at the site. Upon completion of the soil boring, one soil sample was collected and chemically analyzed for volatile organic compounds (VOCs) at Davy Laboratories in La Crosse, Wisconsin. The results of the analyses indicated that no VOCs were present above laboratory detection limits in soil sample RCS-3.

Soil boring RC-3 was completed in the existing WDOT right-of-way on State Highway 23/33. The boring is illustrated on Figure 3-1. Also included are the laboratory analytical reports and chain of custody documentation.

If you have any questions regarding this project, please do not hesitate to contact me at (414) 284-7447.

Sincerely,

ADVENT ENVIRONMENTAL SERVICES, INC.

Mark G. Riha
Environmental Specialist

MGR/er

Enclosure

A D V E N T
ENVIRONMENTAL SERVICES, INC.
P.O. Box 246
Port Washington, Wisconsin 53074

(414) 284-7447

SOIL PROFILE LOG

PROJECT: **REEDSBURG CLEANERS**
LOCATION: 349 E. MAIN ST.
REEDSBURG, WI
PROJECT#: 5080-03-00
AESI WO#: 96069

BORING RC-3 SURFACE ELEVATION

SAMPLES NO.	MOISTURE (BLOWS)	REC	PID LEVELS (PPM) HEADSPACE	DEPTH (FT)	DESCRIPTION AND REMARKS
				0.0	0.0' - 0.3' ASPHALT
	5 5 4 5	NR	--		0.3' - 3.5' BRICK
	DRY 1/12 1/12		0	5.0	3.5' - 5.0' BROWN FINE-GRAINED SAND
	DRY 6 7 8 4		0		5.0' - 6.0' BROWN SILTS AND SAND 6.0' - 9.5' TAN BROWN SANDS AND GRAVEL
	DRY 6 8 9 11		0	10.0	9.5' - 11.5' FINE-GRAINED TAN SAND
RCS-3	DRY 5 9 15 30		0		11.5' - 13.0' WEATHERED SANDSTONE
				15.0	BORING TERMINATED 13.0' *SOIL SAMPLE RCS-3: 11.0' - 13.0' *NO GROUNDWATER ENCOUNTERED *NO BEDROCK ENCOUNTERED *HEADSPACE = 0
				20.0	
				25.0	

WATER LEVEL OBSERVATIONS	GENERAL INFORMATION
WHILE DRILLING _____	START DATE 10/04/91 COMPLETION DATE 10/04/91
DEPTH TO WATER _____	DRILLING METHOD: HOLLOW STEM AUGERS; SPLIT SPOON SAMPLING
DEPTH TO CAVE-IN _____	LOGGER:

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5W 11-89

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location: RC-3

County: SAUK

SW 1/4 of NE 1/4 of Sec. 10 ; T. 12 N; R. 4 ■ E ☐ W

(If applicable) Gov't Lot ____ Grid Number ____

Grid Location ____ ft. ☐ N. ☐ S., ____ ft. ☐ E. ☐ W.

Civil Town Name: Reedsburg

Street Address of Well: 349 East Main Street

City, Village: Reedsburg

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner

Street or Route

City, State, Zip Code

Facility Well No. and/or Name (If Applicable): RC-3

WI Unique Well No.: _ _ _ _ _ _

Reason For Abandonment: Soil boring - unsat

Date of Abandonment: 10-4-91

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On

(Date) 10-4-91

☐ Monitoring Well
☐ Water Well
■ Drillhole
☐ Borehole

Construction Report Available? ■ Yes ☐ No

Construction Type:
■ Drilled ☐ Driven (Sandpoint) ☐ Dug
☐ Other (Specify) ____

Formation Type:
■ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 13.0 Casing Diameter (ins.) ____
(From groundsurface)

Casing Depth (ft.) ____

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown
If Yes, To What Depth? ____ Feet

(4) Depth to Water (Feet) 13.0

Pump & Piping Removed?	☐ Yes	☐ No	■ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	■ Not Applicable
Screen Removed?	☐ Yes	☐ No	■ Not Applicable
Casing Left in Place?	☐ Yes	☐ No	

If No, Explain ____

Was Casing Cut Off Below Surface?	☐ Yes	☐ No
Did Sealing Material Rise to Surface?	☐ Yes	☐ No
Did Material Settle After 24 Hours?	☐ Yes	☐ No
If Yes, Was Hole Retopped?	☐ Yes	☐ No

(5) Required Method of Placing Sealing Material
■ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Dump Bailer ☐ Other (Explain)

(6) Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
■ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Pellets
☐ Granular Bentonite
☐ Bentonite - Cement Grout

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
Chipped Bentonite	Surface	13.0		

(8) Comments: ____

(9) Name of Person or Firm Doing Sealing Work: Advent Environmental Services Inc / Mark Rika

Signature of Person Doing Work

Date Signed: 10-4-91

Street or Route: P.O. Box 246

Telephone Number: (414) 284-7447

City, State, Zip Code: Port Washington, WI 53074

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	District/County
Reviewer/Inspector	
Follow-up Necessary	

ADVENT

ENVIRONMENTAL SERVICES, INC.

PHOTOIONIZATION DETECTOR CALIBRATION DOCUMENTATION

SITE NAME: Readsburg Dry Cleaners DATE: 10-4-91

SIGNATURE: [signature] TIME: 8:30 AM

AMBIENT TEMPERATURE: 40°F

SAMPLE EQUILIBRATION TEMPERATURE: 70°F

WEATHER CONDITIONS: raining, windy

HNU Model PI 101, Advent Environmental Services, Inc. number #1 was calibrated with 101 parts per million Isobutylene calibration gas which is equivalent in response to 65 parts per million benzene at a gain setting of 6.48 with a 11.7 electron volt (Ev) lamp.

ERRATIC READINGS: none

REPAIRS OR CLEANING: none

PROCEDURE FOR DAILY CALIBRATION CHECK

A. Battery check - Attach probe to unit. Turn function switch to BATT. The needle should be in the green region. If not, recharge the battery.

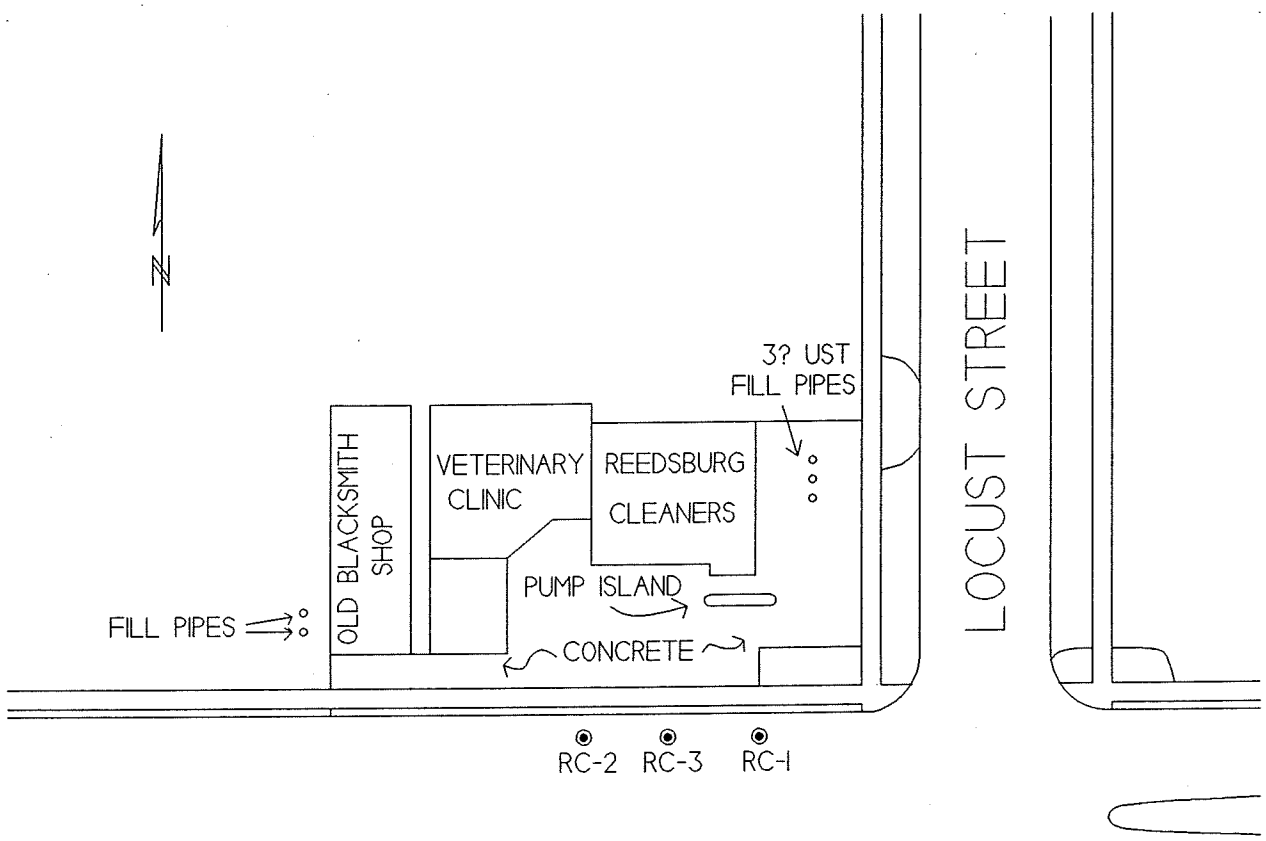
B. Allow unit to operate on STANDBY until the unit has reached ambient conditions or until a stable reading is obtained.

C. Zero set - Instrument should be zeroed on site if possible. Turn function switch to STANDBY. Listen to make sure fan is operating. Set the zero point with the ZERO set control.

D. Calibration - Attach calibration gas to end of probe extension. Adjust SPAN control setting to obtain the necessary meter reading. If meter does not respond, or if the correct reading cannot be adjusted, the unit must be serviced or cleaned.

The above calibration procedure is taken from Calibration Procedure, section 3.4, of the Instruction Manual, Trace Gas Analyzer, HNU Model 101, December, 1985.

FIGURE 3-1



MAIN STREET (STH 23/33)

◉ - SOIL BORINGS

NOTE:
RC-1 & RC-2 COMPLETED 6/4/91

RC-3 COMPLETED 10/4/91

REEDSBURG CLEANERS
SOIL SAMPLE LOCATIONS
5080-03-00 96069

ADVENT
ENVIRONMENTAL SERVICES, INC.
P.O.BOX 246 • PORT WASHINGTON, WI 53074 • 414-284-7447

DRAFTER	CHECKED	DATE	SCALE
IGEL		10/30/91	1" = 50'

DAVY LABORATORIES

115 South 6th Street
P.O. Box 2076
La Crosse WI 54602-2076
(608) 782-3130
FAX: (608) 784-6611

Division of Davy Engineering Co.

Advent Environmental Services, Inc.
P.O. Box 246
Port Washington, Wisconsin 53074

October 25, 1991

Client No. 11325

Attn: Mark Riha

Project No. 96069

INTRODUCTION:

One soil sample was received on October 8, 1991. The client requested a VOC Scan for Volatile Organic Compounds.

SAMPLE IDENTIFICATION:

The sample was collected on October 4, 1991. The sample was collected by Mark Riha at the Reedsburg Dry Cleaners under Project No. 96069. The sample was delivered to the laboratory on October 8, 1991. Upon arrival at the laboratory, the sample was given the following identification number:

DAVY LAB NO.	SAMPLE SITE
20058	RCS-3

METHODOLOGY:

The sample was analyzed for volatile organic compounds (VOC) using EPA Method 8021. A portion of the sample was extracted with methanol and purged for eleven minutes using helium as the purge gas.

Following the purge cycle, the sample was desorbed to a Tracor Model 540 GC equipped with a Hall and PID detector in series. Quantitation was based on the response of standards through the use of linear regression curves.

RESULTS:

The results of the analysis are given in Table 1.

Submitted by:

DAVY LABORATORIES

Paul A. Harris, Director

The laboratory analysis reported were determined in accordance with current methodology. The results are only representative of the samples received; conditions can be expected to vary at different sampling times and under different sampling conditions.

DAVY LABORATORIES

115 South 6th Street
P.O. Box 2076
La Crosse WI 54602-2076
(608) 782-3130
FAX: (608) 784-6611

Division of Davy Engineering Co.

Table 1 - Volatile Organic Compounds (mg/kg).

Client No.: 11325
Sample: RCS-3

Sample No.: 20058
Date Analyzed: 101691

	Result	LOD(a)	LOQ(b)
Bromobenzene	ND(c)	0.001	0.007
Bromodichloromethane	ND	0.002	0.014
Bromoform	ND	0.002	0.014
Bromomethane	ND	0.035	0.245
Carbon Tetrachloride	ND	0.001	0.007
Chloroacetaldehyde	ND	—	—
Chlorobenzene	ND	0.001	0.007
Chloroethane	ND	0.007	0.049
Chloroform	ND	0.002	0.014
1-Chlorohexane	ND	—	—
2-Chloroethyl vinyl ether	ND	0.008	0.056
Chloromethane	ND	0.002	0.014
Chloromethylmethyl ether	ND	—	—
2-Chlorotoluene	ND	0.002	0.014
4-Chlorotoluene	ND	0.002	0.014
Dibromochloromethane	ND	0.019	0.133
Dibromomethane	ND	0.138	0.966
1,2-Dichlorobenzene	ND	0.003	0.021
1,3-Dichlorobenzene	ND	0.002	0.014
1,4-Dichlorobenzene	ND	0.001	0.007
Dichlorodifluoromethane	ND	0.003	0.021
1,1-Dichloroethane	ND	0.005	0.035
1,2-Dichloroethane	ND	0.002	0.014
1,1-Dichloroethene	ND	0.005	0.035
Trans-1,2-Dichloroethene	ND	0.004	0.028
Dichloromethane	ND	0.002	0.014
1,2-Dichloropropane	ND	0.001	0.007
trans-1,3-Dichloropropene	ND	0.004	0.016
Methyl-tert-butyl ether	ND	0.060	0.420
1,1,2,2-Tetrachloroethane	ND	0.002	0.014
1,1,1,2-Tetrachloroethane	ND	0.001	0.007
Tetrachloroethene	ND	0.003	0.021
1,1,1-Trichloroethane	ND	0.002	0.014
1,1,2-Trichloroethane	ND	0.004	0.016
Trichloroethene	ND	0.001	0.007
Trichlorofluoromethane	ND	0.002	0.014
Trichloropropane	ND	—	—
Vinyl Chloride	ND	0.003	0.021
Benzene	ND	0.001	0.007
Ethyl Benzene	ND	0.001	0.007
Toluene	ND	0.001	0.007
m/p-xylene	ND	0.002	0.014
o-xylene	ND	0.002	0.014

NOTES:
a - LOD = Limit of detection
b - LOQ = Limit of quantitation
c - N.D. - Not detected
d - BQL = Below quantitation limit

ADVENT

ENVIRONMENTAL SERVICES, INC.
P.O. BOX 246, PORT WASHINGTON, WI 53074
414-284-7447

CHAIN OF CUSTODY RECORD

PAGE _____ OF _____

Use Black Ink Only, Press Hard

PROJ. NO	PROJECT NAME
96069	Reedsburg Dry Cleaners

SAMPLERS: *(Signature)*

AESI Lab No.	Yr Date	Time	Sample Station ID	Total Number of Containers	VOC*	Analysis	Comments
20158	10/4	10:15	RCS-3	1	X	HnV = 0 ppm 0 ppm	Depth (FT) 11-13

Filtered (Yes/No)
Preserved (Code)
Refrigerated (Yes/No)
Sample type (Grab/Composite)
Sample sources (WW, GW, DW, other)

Preservation Code:
A - None D - NaOH
B - HNO_3 E - HCL
C - H_2SO_4 F - _____

Relinquished by: *(Signature)*	Date / Time	Received by: *(Signature)*	Date / Time
	10/9/91 | 2:30		
Relinquished by: *(Signature)*	Date / Time	Received by: *(Signature)*	Date / Time
Relinquished by: *(Signature)*	Date / Time	Received for Laboratory by: *(Signature)* P. Wallace 10/8/91	

Report to:
Name MARK RUHA
Street _____
City _____ State _____ Zip _____
Phone no. ( ) _____
Fax no. ( ) _____

Remarks: VOC* Dry Weight basis
** CALL IF PERCHLOROETHYLENE OR CCl4 detected
MAY HAVE TO JCEP

DAY4 10-7-91

Receipt pH _____

Receipt temp _____