

# PHONE CONVERSATION RECORD

DATE: 6-20-02  
TIME: \_\_\_\_\_

CONVERSED WITH: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

SUBJECT/PROJECT: Four Seasons Bar  
\_\_\_\_\_

UNIQUE ID#.: 03-44-000144  
\_\_\_\_\_

I updated Steve McDowell, STS, Wausau on the status of the case. Steve is doing a project for Starco property adjacent

I told Steve we have not heard from Mike Hudrow since our call of 8-8-01.

The 715-487-5850 number in Petting Lake was disconnected and I could not find a new number.

Signature: Chuck Westin  
(please write legibly)

# PHONE CONVERSATION RECORD

DATE: 8-8-01

TIME: \_\_\_\_\_

CONVERSED WITH: Mike Mudrow

715-487-5050

SUBJECT/PROJECT: \_\_\_\_\_

UNIQUE ID#: 03-44-000144

Mike indicated Ann Baker collected a water sample before his reopening two months ago. Mike indicated the water sample was N.D.

I explained to Mike that the Lust case still needed to be resolved. Mike said he worked with a Warsaw consultant. He will call back with the consultant's name & paperwork.

BRATS ✓

Signature: \_\_\_\_\_

Chuck Wearta

(please write legibly)

8-8-01

John Robinson

This case involved the possibility that LUSTs were located on the DOT ROW. Please consider this for transfer to Greer for resolution. Water Supply was an issue.

Thanks  
Chuck



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor  
George E. Meyer, Secretary  
William H. Smith, Regional Director

Northern Region Headquarters  
107 Sutliff Ave.  
Rhineland, Wisconsin 54501-0818  
Telephone 715-365-8900  
FAX 715-365-8932  
TTY 715-365-8957

December 19, 2000

PATTI MODROW  
1407 UPLAND AVE  
RHINELANDER, WI 54501

**Subject:** Project Status Update Request for **FOUR SEASONS BAR**  
**BRRTS Case # 03-44-000144**

Dear Sir or Madam:

You were notified by the Wisconsin Department of Natural Resources (DNR) of your responsibility to investigate and, as needed, clean up contamination located at the above-referenced property. As owner of this property you have certain legal responsibilities, as outlined in Section 292.11(3), Wisconsin Stats., also known as the hazardous substances spills law. Section 292.11(3) states:

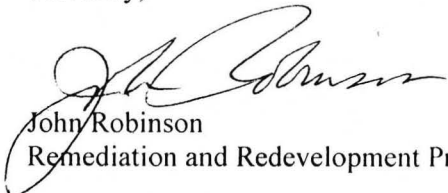
- **RESPONSIBILITY.** A person who possesses or controls a hazardous substance which is discharged or who causes the discharge of a hazardous substance shall take the actions necessary to restore the environment to the extent practicable and minimize the harmful effects from the discharge to the air,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

Our files indicate that we have not received any written correspondence or reporting for the case since submittal of a **Miscellaneous/24 on 04/19/1995**. In order to get this case back on track toward remediation of the existing contamination and ultimately, DNR case closure, please have your consultant prepare and submit documentation on the status of this case. If you do not have a consultant, please notify the department in writing within the next thirty days as to your intentions to submit the requested documentation. A lack of response to this letter may result in the initiation of formal enforcement actions.

Forward the requested updates, detailing the current status of the case, to the attention of: **Danielle Lancour, WDNR-Rhineland, 107 Sutliff Avenue, Rhineland, WI 54501.**

If you have any questions regarding this correspondence, please contact Chuck Weister at (715) 365-8941.

Sincerely,

  
John Robinson  
Remediation and Redevelopment Program Supervisor

cc: file



George E. Meyer  
Secretary

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

North Central District Headquarters  
Box 818  
Rhinelander, Wisconsin 54501  
TELEPHONE 715-365-8900  
TELEFAX 715-365-8932

July 17, 1995

3310  
FID #744064420  
WUWID #FF863

Mrs. Patti Modrow  
1407 Upland Avenue  
Rhinelander, Wisconsin 54501

#144

Subject: Water Supply Analysis - Volatile Organic Chemicals  
Health Advisory Water Supply Contamination  
Notice of Non-Compliance - NR 809

Dear Mrs. Modrow:

On June 5, 1995, I obtained a sample of the water supply serving the Four Seasons Tavern located at 1800 Highway 8 East in the SE $\frac{1}{4}$  NW $\frac{1}{4}$ , Section 30, T36N, R11E, Town of Monico, Oneida County, Wisconsin. The purpose of my obtaining this sample was to determine if the water supply was still contaminated with volatile organic chemicals and if the levels of contamination exceed the recommended and mandatory health advisory levels. The results of the analysis indicate that the water supply still exceeds the health advisory level for Ethylene Dibromide or EDB. In addition, the levels of benzene and nitrates are also elevated, which while not exceeding the health advisory levels are significant and will require careful monitoring.

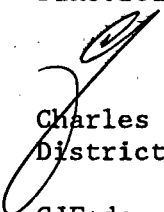
During my sampling, we discussed why the level of contamination has been reduced since the Department's first analysis in 1993. Various reasons could be attributed to why the level of contamination (see enclosed table) has been reduced in the last two years. These could include a lessening of groundwater contamination and/or a reduced use of the water in your establishment. At the time of first sampling, the establishment was active and was being used as a private home, as well as an operating tavern and restaurant. During my most recent sampling, it did not appear that the restaurant and tavern were operating and that the water supply was serving a single individual. It is possible that the reduced use has resulted in a lessening of contamination and that additional use, such as reopening the tavern, could result in an increased level of contamination. It is also possible that the level of contamination evident in the water supply is being reduced because the level of contamination of the groundwater is being reduced and this is a continuing trend which will result in a future water supply with less contamination.

As a result of the exceedance of the health advisory level for ethylene dibromide, the Department's conditions stipulated in its previous correspondence of October 19, 1993, August 30, 1994, and February 28, 1995, are still in force and the customers of the establishment must be provided with an alternative drinking supply and that all water used in the preparation of food, ice, etc., must be from an uncontaminated source.

At the time of our meeting, you indicated that it was your intention to reoccupy the building and as such you still will qualify for the State of Wisconsin Well Compensation Program. Numerous previous forms and correspondence have been directed to you and your husband on this issue. Should you wish to apply for the Well Compensation Program, please feel free to contact me at the District Office.

Should you have any questions regarding this situation, wish to apply for Well Compensation Program, or wish to refer a potential purchaser of this property to me, please feel free to contact me.

Sincerely,



Charles J. Fitzgerald, R.S.  
District Sanitarian

CJF:da

cc: Dept. of Health & Social Services, Attn: Terri Timmers,  
1853 N. Stevens St., Rhineland, WI 54501  
Hunter Realty, Jack Elliott, 510 Lincoln St., Rhineland, WI 54501  
→ Ron Falkowski, LUST, Rhineland  
Public Water Supply Section, WS/2

Water Supply Analysis  
Volatile Organic Chemicals

Four Seasons Tavern  
Modrow Residence

<u>Compound Detected</u>	<u>9/21/93</u>	<u>8/02/94</u>	<u>6/05/95</u>	<u>HAL<sup>1</sup></u>
Benzene	34 ug/l <sup>2-4</sup>	8.8 ug/l <sup>4</sup>	4.0 ug/l	5.0 ug/l
1,2-Dichloroethane	3.0 ug/l	3.0 ug/l	1.7 ug/l	5.0 ug/l
Ethylbenzene	3.0 ug/l	1.9 ug/l	ND	700 ug/l
Isopropylbenzene	1.2 ug/l	1.5 ug/l	.60 ug/l	NA <sup>3</sup>
Naphthalene	4.2 ug/l	4.0 ug/l	4.0 ug/l	NA
N-Propylbenzene	1.2 ug/l	1.1 ug/l	.50 ug/l	NA
1,2,4-Trimethylbenzene	.7 ug/l	.6 ug/l	.85 ug/l	NA
1,3,5-Trimethylbenzene	.7 ug/l	1.1 ug/l	1.4 ug/l	NA
Xylenes	5.2 ug/l	6.7 ug/l	6.7 ug/l	620 ug/l
EDB	ND	.86 ug/l <sup>4</sup>	.66 ug/l <sup>4</sup>	.05 ug/l
Tetrachloroethylene	ND	.92 ug/l	ND	5.0 ug/l

<sup>1</sup> HAL - Health Advisory Level - maximum allowable level specified by the Wisconsin Department of Health & Social Services & the U.S. Environmental Protection Agency.

<sup>2</sup> ug/l - Micrograms per liter - parts per billion = ppb

<sup>3</sup> NA - No health advisory level (HAL) specified

<sup>4</sup> Exceeds the Health Advisory Level

State Laboratory of Hygiene  
University of Wisconsin Center for Health Sciences  
465 Henry Mall, Madison, WI 53706

R.H. Laessig, Ph.D., Director S.L. Inhorn, M.D., Medical Director

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Environmental Science Section (608) 262-2797 DNR LAB ID 113133790  
Organic chemistry (#6 of 6 on 06/27/95, unseen)

Id: FF863 Point/Well/..: 001 Field #: Route: WS70

Collection Date: 06/05/95 Time: 10:30 County: 44 (Oneida)

From: FOUR SEASONS TAVERN, 1800 HWY 8 E, MONICO

Description: FID# 744064420

To: DNR - RON BECKER

Type: CW

P.O. BOX 818

Source: Non community

RHINELANDER

Account number: WS065

Collected by: RON BECKER

Date Received: 06/06/95

Labslip #: OF003232

Reported: 06/26/95

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---- test: GCMS VOC SCAN BY HEADSPACE - WATER

ACETONE	<5.0	UG/L #1
ALLYL CHLORIDE	<5.0	UG/L #1
BENZENE	+ >0.50	UG/L #1
BROMOBENZENE	<0.50	UG/L #1
BROMOCHLOROMETHANE	<0.50	UG/L #1
BROMODICHLOROMETHANE	<0.50	UG/L #1
BROMOFORM	<0.50	UG/L #1
BROMOMETHANE	<0.50	UG/L #1
N-BUTYLBENZENE	<0.50	UG/L #1
SEC-BUTYLBENZENE	<0.50	UG/L #1
TERT-BUTYLBENZENE	<0.50	UG/L #1
CARBON DISULFIDE	<5.0	UG/L #1
CARBON TETRACHLORIDE	<0.50	UG/L #1
CHLOROBENZENE	<0.50	UG/L #1
CHLOROETHANE	<0.50	UG/L #1
2-CHLOROETHYL VINYL ETHER	<5.0	UG/L #1
CHLOROFORM	<0.50	UG/L #1
2-CHLOROTOLUENE	<0.50	UG/L #1



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University of Wisconsin Center for Health Sciences  
465 Henry Mall, Madison, WI 53706

R.H. Laessig, Ph.D., Director

S.L. Inhorn, M.D., Medical Director

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Environmental Science Section	(608) 262-2797	DNR LAB ID	113133790
DIBROMOCHLOROMETHANE		<0.50	UG/L #1
1,2-DIBROMO-3-CHLOROPROPANE		<5.0	UG/L #1
1,2-DIBROMOETHANE (EDB)		+ >0.50	UG/L #1
DIBROMOMETHANE		<0.50	UG/L #1
1,2-DICHLOROBENZENE		<0.50	UG/L #1
1,3-DICHLOROBENZENE		<0.50	UG/L #1
1,4-DICHLOROBENZENE		<0.50	UG/L #1
1,1-DICHLOROETHANE		<0.50	UG/L #1
1,2-DICHLOROETHANE		+ >0.50	UG/L #1
1,1-DICHLOROETHYLENE		<0.50	UG/L #1
CIS-1,2-DICHLOROETHYLENE		<0.50	UG/L #1
TRANS-1,2-DICHLOROETHYLENE		<0.50	UG/L #1
1,2-DICHLOROPROPANE		<0.50	UG/L #1
1,3-DICHLOROPROPANE		<0.50	UG/L #1
2,2-DICHLOROPROPANE		<0.50	UG/L #1
1,1-DICHLOROPROPENE		<0.50	UG/L #1
CIS-1,3-DICHLOROPROPENE		<0.50	UG/L #1
TRANS-1,3-DICHLOROPROPENE		<0.50	UG/L #1
ETHYLBENZENE		<0.50	UG/L #1
HEXACHLOROBUTADIENE		<0.50	UG/L #1
HEXACHLOROETHANE		<5.0	UG/L #1
2-HEXANONE		<5.0	UG/L #1
ISOPROPYLETHER		<5.0	UG/L #1
ISOPROPYLBENZENE		+ >0.50	UG/L #1
P-ISOPROPYLTOLUENE		<0.50	UG/L #1
METHYLENE CHLORIDE		<0.50	UG/L #1
METHYL ETHYL KETONE		<5.0	UG/L #1
METHYLIODIDE		<5.0	UG/L #1
METHYLMETHACRYLATE		<5.0	UG/L #1

State Laboratory of Hygiene  
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S.L. Inhorn, M.D., Medical Director

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Environmental Science Section (608) 262-2797 DNR LAB ID 113133790  
METHYL-TERT-BUTYL ETHER <5.0 UG/L #1  
  
NAPHTHALENE + >0.50 UG/L #1  
N-PROPYLBENZENE + >0.50 UG/L #1  
STYRENE <0.50 UG/L #1  
1,1,1,2-TETRACHLOROETHANE <0.50 UG/L #1  
1,1,2,2-TETRACHLOROETHANE <0.50 UG/L #1  
  
TETRACHLOROETHYLENE <0.50 UG/L #1  
TETRAHYDROFURAN <5.0 UG/L #1  
TOLUENE <0.50 UG/L #1  
1,2,3-TRICHLOROBENZENE <0.50 UG/L #1  
1,2,4-TRICHLOROBENZENE <0.50 UG/L #1  
  
1,1,1-TRICHLOROETHANE <0.50 UG/L #1  
1,1,2-TRICHLOROETHANE <0.50 UG/L #1  
TRICHLOROETHYLENE <0.50 UG/L #1  
TRICHLOROFLUOROMETHANE <0.50 UG/L #1  
1,2,3-TRICHLOROPROPANE <0.50 UG/L #1  
  
1,1,2-TRICHLOROTRIFLUOROETHANE <5.0 UG/L #1  
1,2,4-TRIMETHYLBENZENE + >0.50 UG/L #1  
1,3,5-TRIMETHYLBENZENE + >0.50 UG/L #1  
VINYL ACETATE <5.0 UG/L #1  
VINYL CHLORIDE <0.50 UG/L #1  
  
M/P-XYLENE + >0.50 UG/L #1  
O-XYLENE + >0.50 UG/L #1

---- test: TEMPERATURE - 0950

TEMPERATURE

19

C

---- test: VOCs IN WATER BY PURGE AND TRAP - EPA METHOD 8021

ACETONE ND (LOD=5.0 UG/L)  
ALLYL CHLORIDE ND (LOD=5.0 UG/L)  
BENZENE + 4.0 UG/L  
BROMOBENZENE ND (LOD=0.50 UG/L)  
BROMOCHLOROMETHANE ND (LOD=0.50 UG/L)  
  
BROMODICHLOROMETHANE ND (LOD=0.50 UG/L)  
BROMOFORM ND (LOD=0.50 UG/L)  
BROMOMETHANE ND (LOD=0.50 UG/L)  
N-BUTYLBENZENE ND (LOD=0.50 UG/L)  
SEC-BUTYLBENZENE ND (LOD=0.50 UG/L)  
  
TERT-BUTYLBENZENE ND (LOD=0.50 UG/L)  
CARBON DISULFIDE ND (LOD=5.0 UG/L)  
CARBON TETRACHLORIDE ND (LOD=0.50 UG/L)  
CHLOROBENZENE ND (LOD=0.50 UG/L)  
CHLOROETHANE ND (LOD=0.50 UG/L)

State Laboratory of Hygiene  
University of Wisconsin Center for Health Sciences  
465 Henry Mall, Madison, WI 53706

R.H. Laessig, Ph.D., Director

S.L. Inhorn, M.D., Medical Director

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Environmental Science Section	(608) 262-2797	DNR LAB ID 113133790
4-METHYL-2-PENTANONE		<5.0 UG/L #1
2-CHLOROETHYLVINYL ETHER		ND (LOD=5.0 UG/L)
CHLOROFORM		ND (LOD=0.50 UG/L)
2-CHLOROTOLUENE		ND (LOD=0.50 UG/L)

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S.L. Inhorn, M.D., Medical Director

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Environmental Science Section	(608) 262-2797	DNR LAB ID 113133790
DIBROMOCHLOROMETHANE		ND (LOD=0.50 UG/L)
1,2-DIBROMO-3-CHLOROPROPANE		ND (LOD=5.0 UG/L)
1,2-DIBROMOETHANE (EDB)	+ 0.66	UG/L
detected between 0.50 (LOD) and 1.5 (LOQ) UG/L		
DIBROMOMETHANE		ND (LOD=0.50 UG/L)
1,2-DICHLOROETHANE		ND (LOD=0.50 UG/L)
1,3-DICHLOROETHANE		ND (LOD=0.50 UG/L)
1,4-DICHLOROETHANE		ND (LOD=0.50 UG/L)
1,1-DICHLOROETHANE		ND (LOD=0.50 UG/L)
1,2-DICHLOROETHANE	+ 1.7	UG/L
1,1-DICHLOROETHYLENE		ND (LOD=0.50 UG/L)
CIS-1,2-DICHLOROETHYLENE		ND (LOD=0.50 UG/L)
TRANS-1,2-DICHLOROETHYLENE		ND (LOD=0.50 UG/L)
1,2-DICHLOROPROPANE		ND (LOD=0.50 UG/L)
1,3-DICHLOROPROPANE		ND (LOD=0.50 UG/L)
2,2-DICHLOROPROPANE		ND (LOD=0.50 UG/L)
1,1-DICHLOROPROPENE		ND (LOD=0.50 UG/L)
CIS-1,3-DICHLOROPROPENE		ND (LOD=0.50 UG/L)
TRANS-1,3-DICHLOROPROPENE		ND (LOD=0.50 UG/L)
ETHYLBENZENE		ND (LOD=0.50 UG/L)
HEXACHLOROBUTADIENE		ND (LOD=0.50 UG/L)
HEXACHLOROETHANE		ND (LOD=5.0 UG/L)
2-HEXANONE		ND (LOD=5.0 UG/L)
ISOPROPYLEETHER		ND (LOD=5.0 UG/L)
ISOPROPYLBENZENE	+ 0.60	UG/L
detected between 0.50 (LOD) and 1.5 (LOQ) UG/L		
P-ISOPROPYLTOLUENE		ND (LOD=0.50 UG/L)
METHYLENE CHLORIDE		ND (LOD=0.50 UG/L)
METHYL ETHYL KETONE		ND (LOD=5.0 UG/L)
METHYLIODIDE		ND (LOD=5.0 UG/L)
METHYLMETHACRYLATE		ND (LOD=5.0 UG/L)

State Laboratory of Hygiene  
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465 Henry Mall, Madison, WI 53706

R.H. Laessig, Ph.D., Director

S.L. Inhorn, M.D., Medical Director

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Environmental Science Section (608) 262-2797 DNR LAB ID 113133790  
METHYL-TERT-BUTYL ETHER ND (LOD=5.0 UG/L)

NAPHTHALENE + 4.0 UG/L  
N-PROPYLBENZENE + 0.50 UG/L  
detected between 0.50 (LOD) and 1.5 (LOQ) UG/L

STYRENE ND (LOD=0.50 UG/L)  
1,1,1,2-TETRACHLOROETHANE ND (LOD=0.50 UG/L)  
1,1,2,2-TETRACHLOROETHANE ND (LOD=0.50 UG/L)

TETRACHLOROETHYLENE ND (LOD=0.50 UG/L)  
TETRAHYDROFURAN ND (LOD=5.0 UG/L)  
TOLUENE ND (LOD=0.50 UG/L)  
1,2,3-TRICHLOROBENZENE ND (LOD=0.50 UG/L)  
1,2,4-TRICHLOROBENZENE ND (LOD=0.50 UG/L)

1,1,1-TRICHLOROETHANE ND (LOD=0.50 UG/L)  
1,1,2-TRICHLOROETHANE ND (LOD=0.50 UG/L)  
TRICHLOROETHYLENE ND (LOD=0.50 UG/L)  
TRICHLOROFLUOROMETHANE ND (LOD=0.50 UG/L)  
1,2,3-TRICHLOROPROPANE ND (LOD=0.50 UG/L)

1,1,2-TRICHLOROTRIFLUOROETHANE ND (LOD=5.0 UG/L)  
1,2,4-TRIMETHYLBENZENE + 0.85 UG/L  
detected between 0.50 (LOD) and 1.5 (LOQ) UG/L

1,3,5-TRIMETHYLBENZENE + 1.4 UG/L  
detected between 0.50 (LOD) and 1.5 (LOQ) UG/L

VINYL ACETATE ND (LOD=5.0 UG/L)  
VINYL CHLORIDE ND (LOD=0.50 UG/L)

M/P-XYLENE + 1.0 UG/L  
detected between 0.50 (LOD) and 1.5 (LOQ) UG/L

O-XYLENE + 5.7 UG/L

VOCS IN WATER BY PURGE & TRAP-PREP-EPA METHOD 8021 C  
GCMS PREP : WATER C

--- Footnotes ---

+: Positive results are prefixed by a plus sign.

Remark #1: SEE OF003232.MM1

Memo for OF003232

--- OF003232.MM1/1 - GCMS VOC SCAN BY HEADSPACE - WATER ---

State Laboratory of Hygiene sample OF003232 may contain the compounds listed below according to tentative computer identification from gas chromatography/mass spectroscopy analysis. The concentration of contaminants could not be determined, nor has the presence of the compounds been confirmed by alternative analysis techniques.

alkylated benzenes and other hydrocarbons

State Laboratory of Hygiene  
University of Wisconsin Center for Health Sciences  
465 Henry Mall, Madison, WI 53706

R.H. Laessig, Ph.D., Director

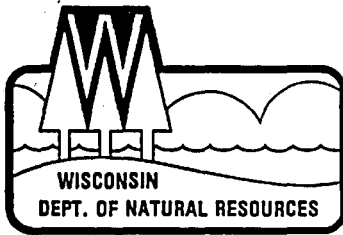
S.L. Inhorn, M.D., Medical Director

Environmental Science Section  
4-METHYL-2-PENTANONE

(608) 262-2797

DNR LAB ID 113133790  
ND (LOD=5.0 UG/L)

If you have any questions, contact David Degenhardt at (608) 262-2797.



George E. Meyer  
Secretary

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

North Central District Headquarters  
Box 818  
Rhinelander, Wisconsin 54501  
TELEPHONE 715-365-8900  
TELEFAX 715-365-8932

February 28, 1995

3310  
FID #744064420  
U.W.I.D.#FF863

Mr. Michael Modrow  
Four Seasons Tavern  
1800 Hwy. 8 E.  
Rhinelander, Wisconsin 54501-8506

#144

Subject: Health Advisory Water Supply Contamination  
Notice of Non-Compliance NR 809, Well Compensation

Dear Mr. Modrow:

I'd like to take this opportunity to reaffirm the points we discussed during our recent phone conversation. The health advisory for the water supply serving the Four Seasons Tavern is still in effect, in accordance with my August 30, 1994 letter (copy enclosed). The implications of this health advisory are:


1. Signs must be posted (copies enclosed) at all locations where water may be consumed by your customers. These signs will advise customers not to consume the water supply.
2. A non-contaminated water supply such as bottled water, etc., must be provided for all water used for human consumption. This includes not only drinking water but water used for cooking, ice making, drink mixing, etc.
3. You will be required to provide a permanent contaminant free water supply for the Four Seasons Tavern at the earliest convenient opportunity. Options for providing this water supply are as follows:
  - a. Install a water treatment device under the State of Wisconsin approval to eliminate the gasoline contamination of the water supply. After reviewing your water supply construction, it appears that this may not be feasible due to the low capacity pumping system presently serving your tavern.
  - b. Obtain an uncontaminated water supply by attempting to drill a new water supply well some place in the vicinity of the tavern. Due to the undetermined extent of contamination and the possibility of geologic complications, I would strongly recommend that prior to beginning any construction of the water supply that you contact me to obtain the construction specifications and locations for the new water supply well. Without any further hydrogeologic information being obtained from the area, I would recommend that a deeper drilled well be installed as far to the west on your property as feasible.

Because your establishment is also a residence, you do qualify for the State of Wisconsin Well Compensation Program. This program will pay up to 75% of the cost of a replacement water supply well to serve your residence and business. Enclosed is information and application forms to allow you to apply for this program. If you have any questions regarding how to complete these forms, please feel free to contact me at the District Office.

After discussing your situation with the Leaking Underground Storage Tank Program in the North Central District, it appears that you may also be able to construct a new water supply well using the Petroleum Environmental Cleanup Fund. I would strongly advise you to contact the Wisconsin Department of Industry, Labor and Human Relations to determine your eligibility for this fund and to assist you in not only replacement of the water supply but also in the investigation requested by the Department's Leaking Underground Storage Tank staff.

Should you have any questions, please feel free to contact me at the District Office (365-8920).

Sincerely,



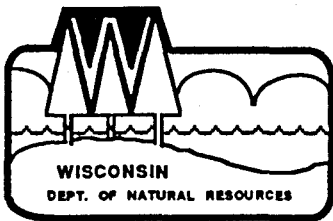
Charles J. Fitzgerald, R.S.  
District Sanitarian

CJF:da

Enc.

cc. → Ron Falkowski, Rhinelander  
Hunter Realty, 510 Lincoln St., Rhinelander, WI 54501  
Dept. Health & Social Services, Attn: Teri Timmers, 1853 N. Stevens St.,  
Rhinelander, WI 54501  
Public Water Supply, WS/2





George E. Meyer  
Secretary

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

North Central District Headquarters  
PO Box 818  
Rhinelander, Wisconsin 54501  
Telephone 715/369-8983  
Telefax 715/369-8932

NCD UID# 144

February 15, 1995

Mike Modrow  
1800 Hwy 8 East  
Monico, WI 54549

**Certified Mail**

**SUBJECT: NOTICE OF NONCOMPLIANCE**

Dear Mr. Modrow:

This letter is to inform you that the Department of Natural Resources (Department) believes that a potential threat to the environment may exist from a discharge of petroleum product. This discharge reportedly occurred at 1800 Hwy 8 E, Monico, WI, the site of a former Gas Station which you now own and operate as Four Seasons bar.

The legal owner of the property who possesses or controls a hazardous substance which has been discharged, is responsible for determining the extent and degree of the contamination to the soil and groundwater, clean-up, and proper disposal of all hazardous substances present at the site.

You should have received a letter from the Department outlining your responsibility and deadlines for responding. Information in our case file indicates that you have not met some of those deadlines. At this time we believe you may not be in compliance with Department Code and/or guidance.

To correct this compliance issue the Department requests confirmation within 30 days that you have hired a qualified environmental consultant. The Department expects that you will have your consultant respond with a scope of work plan within 45 days of being hired.

If you have not yet determined your eligibility for the Petroleum Environmental Cleanup Fund Act (PECFA) reimbursement program you can contact PECFA claims at (608) 266-2424.

Your cooperation in addressing this matter will be greatly appreciated. Written correspondence on this matter should be sent to:

Ron S. Falkowski  
Department of Natural Resources  
PO Box 818  
Rhinelander, WI 54501

Failure to remit your response to the Department within thirty(30) days of receiving this letter may result in Enforcement action being taken. Be advised that enforcement actions by the Department may effect PECFA reimbursement.

Sincerely,  
NORTH CENTRAL DISTRICT

A handwritten signature in cursive script that reads "Ron S. Falkowski".

Ron S. Falkowski  
Hydrogeologist, Leaking Underground Storage Tank Program

c: File  
DILHR, PECFA Claims, Madison  
Enforcement, Rhinelander

R. Jalkowski



George E. Meyer  
Secretary

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

North Central District Headquarters  
Box 818  
Rhineland, Wisconsin 54501  
TELEPHONE 715-369-8900  
TELEFAX 715-369-8932

August 30, 1994

3310  
FID #744064420  
WUWID# FF863

Mr. Michael Modrow  
1800 Hwy. 8 East  
Rhineland, Wisconsin 54501-8506

Subject: Water Supply Analysis - Volatile Organic Chemicals  
Health Advisory Water Supply Contamination  
Notice of Non-Compliance, NR 809

Dear Mr. Modrow:

On August 2, 1994, I obtained a sample of the water supply serving the Four Seasons Tavern located at 1800 Hwy. 8 East in the SE $\frac{1}{4}$  NW $\frac{1}{4}$ , Section 30, T36N, R11E, Town of Monico, Oneida County, Wisconsin. The purpose of my obtaining this sample was to determine if the water supply contamination documented in September of 1993 was still present in the water supply serving your establishment and home.

The results of the analysis of the water supply sample (copy enclosed) indicates the water appears to be contaminated by petroleum hydrocarbons. The attached table lists a summary of the two water supply analyses performed and the associated health advisory exceedances. The presence of 8.8 micrograms per liter (ug/l) of Benzene in the water supply is above the recommended health advisory level of 5.0 ug/l specified under the Federal Safe Drinking Water Act and the Wisconsin Department of Health and Social Services. The Department of Natural Resources officially advises you not to consume this water supply for personal use.

As a public water supply under the requirements of the Federal Safe Drinking Water Act and the State of Wisconsin Administrative Code NR 809, you are also required to take a number of additional steps to assure the safety of your customers. Specifically, you must:

1. Immediately continue to post signs at all places of consumption not under the direct control of your operators. The sign will advise your customers not to consume the water supply (additional copies of the signs are enclosed).
2. Bottled water or noncontaminated alternative water supply must be provided for all water used for human consumption. This includes not only drinking but cooking, ice making, drink mixing, etc.

3. You will be required to begin the process to obtain a contaminant-free permanent water supply for your facility. Actions to obtain a contaminant-free water supply could include the following:
  - a. Install a water treatment device approved under the State of Wisconsin to remove any contamination from this water supply. As was stated in the Department's October 19, 1993, letter, due to the construction of your water supply, it is doubtful that an approved treatment device would function properly to treat the water supply.
  - b. Obtain an uncontaminated water supply by attempting to drill a new water supply someplace in the vicinity. Due to the undetermined extent of contamination and the possibility of a geologic complication, the opportunity to obtain a contaminant-free water supply in this area is very difficult to assess. NOTE: Prior to beginning any construction of a water supply well, it is strongly recommended the Department be contacted in regard to the location and construction specifications.

Because your business establishment is also a residence, you do qualify for the State of Wisconsin Well Compensation Program. This is a program that will pay up to 60% of the cost of a replacement water supply well to serve your residence. Enclosed are application forms for the Well Compensation Program. Should you desire to participate in the Well Compensation Program, please be aware that any work performed prior to receiving official written approval from the Wisconsin Department of Natural Resources for a grant award under this program would not be covered. I urge you to begin the process of obtaining a contaminant-free water supply for your business and residence as soon as practical.

In addition to the analysis for volatile organic compounds, I also performed an analysis for nitrate-nitrogen. The nitrate-nitrogen was detected at a level of 7.8 milligrams per liter. It does appear that the level of contamination by nitrate-nitrogen of this water supply is below the Health Advisory level and is no longer of a significant concern. Please be aware that the contamination by volatile organic chemicals continues and will probably continue for an extensive period of time.

Should you have any questions regarding this situation, please feel free to contact me at the District Office.

Sincerely,



Charles J. Fitzgerald, R.S.  
District Sanitarian

CJF:da

Enc.

cc: Dept. Health & Social Services, Attn: T. Timmers, 1853 N. Stevens St.,  
Rhineland, WI 54501

→ Ron Falkowski, Rhineland  
Hunter Realty, Mr. Jack Elliot, 510 Lincoln St., Rhineland, WI 54501  
Public Water Supply Section, WS/2

Water Supply Analysis  
Volatile Organic Chemicals

Four Seasons Tavern  
Modrow Residence

<u>Compound Detected</u>	<u>Level Detected</u>		<u>HAL<sup>1</sup></u>
	<u>9/21/93</u>	<u>8/02/94</u>	
Benzene	34 ug/l <sup>2</sup>	8.8 ug/l	5.0 ug/l <sup>4</sup>
1,2-Dichloroethane	3.0 ug/l	3.0 ug/l	5.0 ug/l
Ethylbenzene	3.0 ug/l	1.9 ug/l	700 ug/l
Isopropylbenzene	1.2 ug/l	1.5 ug/l	NA <sup>3</sup>
Naphthalene	4.2 ug/l	4.0 ug/l	NA
N-Propylbenzene	1.2 ug/l	1.1 ug/l	NA
1,2,4-Trimethylbenzene	.7 ug/l	.6 ug/l	NA
1,3,5-Trimethylbenzene	.7 ug/l	1.1 ug/l	NA
Xylenes	5.2 ug/l	6.7 ug/l	620 ug/l
EDB	ND	.86 ug/l	.05 ug/l <sup>4</sup>
Tetrachloroethylene	ND	.92 ug/l	5.0 ug/l

<sup>1</sup> HAL = Health Advisory Level - maximum allowable level specified by the Wisconsin Department of Health and Social Services and the U.S. Environmental Protection Agency.

<sup>2</sup> ug/l = Micrograms per liter = parts per billion = ppb

<sup>3</sup> NA = No health advisory level (HAL) specified.

<sup>4</sup> Exceeds the Health Advisory Level.

State Laboratory of Hygiene  
University of Wisconsin Center for Health Sciences  
625 Henry V Mall, Madison, WI 53706

R.H. Laessig, Ph.D., Director S.L. Inhorn, M.D., Medical Director

Environmental Science Section (608) 262-2797 DNR LAB ID 113133790  
Organic chemistry (#3 of 4 on 08/23/94, unseen)

Id: FF863 Port #/Well #: 001 Field #: 001 Route: WS70  
Collection Date: 08/22/94 Time: 13:00 County: 44 (Oneida)  
From: FOUR SEASONS, 1200 N HWY 8 E., MONICO  
Description: BAR SINK FIELD #744064420  
To: DNR - CHARLES FITZGERALD Type: DI  
P.O. BOX 818 Source: Non community  
RHINELANDER, WI 5501  
Account number: WSD66 Collected by: CHARLES FITZGERALD  
Date Received: 08/23/94 Lab slip #: OF000316 Reported: 08/22/94

---- test: GCMS VOC SCAN B BY HEADSPACE - WATER

ACETONE	<5.0	UG/L #1
ALLYL CHLORIDE	<5.0	UG/L #1
BENZENE	+ >0.50	UG/L #1
BROMOBENZENE	<0.50	UG/L #1
BROMOCHLOROMETHANE	<0.50	UG/L #1
BROMODICHLOROMETHANE	<0.50	UG/L #1
BROMOFORM	<0.50	UG/L #1
BROMOMETHANE	<0.50	UG/L #1
1-BUTYLBENZENE	<0.50	UG/L #1
SEC-BUTYLBENZENE	<0.50	UG/L #1
TERT-BUTYLBENZENE	<0.50	UG/L #1
CARBON DISULFIDE	<5.0	UG/L #1
CARBON TETRACHLORIDE	<0.50	UG/L #1
CHLOROENZENE	<0.50	UG/L #1
CHLOROETHANE	<0.50	UG/L #1
2-CHLOROETHYL VINYL ETHER	<5.0	UG/L #1
CHLOROFORM	<0.50	UG/L #1
2-CHLOROTOLUENE	<0.50	UG/L #1
3-CHLOROTOLUENE	<0.50	UG/L #1
DIBROMOCHLOROMETHANE	<0.50	UG/L #1
1,2-DIBROMO-3-CHLOROPROPANE	<5.0	UG/L #1
1,2-DIBROMOETHANE (EIS)	+ >0.50	UG/L #1
DIBROMOMETHANE	<0.50	UG/L #1
1,2-DICHLOROBENZENE	<0.50	UG/L #1
1,3-DICHLOROBENZENE	<0.50	UG/L #1
1,4-DICHLOROBENZENE	<0.50	UG/L #1
1,1-DICHLOROETHANE	<0.50	UG/L #1
1,2-DICHLOROETHANE	+ >0.50	UG/L #1
1,1-DICHLOROETHYLENE	<0.50	UG/L #1
CIS-1,2-DICHLOROETHYLENE	<0.50	UG/L #1

State Laboratory of Hygiene  
University of Wisconsin Center for Health Sciences  
465 Henry Mall, Madison, WI 53706

R.H. Laessig, Ph.D., Director S.L. Inhorn, M.D., Medical Director

Environmental Science Section (608) 262-2797 DNR LAB ID 113133790  
... continuing Labslip # OF000316, Field # 001

TRANS-1,2-DICHLOROETHYLENE	<0.50	UG/L #1
1,2-DICHLOROPROPANE	<0.50	UG/L #1
1,3-DICHLOROPROPANE	<0.50	UG/L #1
2,2-DICHLOROPROPANE	<0.50	UG/L #1
1,1-DICHLOROPROPENE	<0.50	UG/L #1
CIS-1,3-DICHLOROPROPENE	<0.50	UG/L #1
TRANS-1,3-DICHLOROPROPENE	<0.50	UG/L #1
ETHYLBENZENE	+ >0.50	UG/L #1
HEXACHLOROBUTADIENE	<0.50	UG/L #1
HEXACHLOROETHANE	<5.0	UG/L #1
2-HEXANONE	<5.0	UG/L #1
ISOPROPYLETHER	<5.0	UG/L #1
ISOPROPYLBENZENE	+ >0.50	UG/L #1
P-ISOPROPYLTOLUENE	<0.50	UG/L #1
METHYLENE CHLORIDE	<0.50	UG/L #1
METHYL ETHYL KETONE	<5.0	UG/L #1
METHYLIOIDE	<5.0	UG/L #1
METHYLMETHACRYLATE	<5.0	UG/L #1
4-METHYL-2-PENTANONE	<5.0	UG/L #1
METHYL-TERT-BUTYL ETHER	<5.0	UG/L #1
NAPHTHALENE	+ >0.50	UG/L #1
N-PROPYLBENZENE	+ >0.50	UG/L #1
STYRENE	<0.50	UG/L #1
1,1,1,2-TETRACHLOROETHANE	<0.50	UG/L #1
1,1,2,2-TETRACHLOROETHANE	<0.50	UG/L #1
TETRACHLOROETHYLENE	+ >0.50	UG/L #1
TETRAHYDROFURAN	<5.0	UG/L #1
TOLUENE	<0.50	UG/L #1
1,2,3-TRICHLOROBENZENE	<0.50	UG/L #1
1,2,4-TRICHLOROBENZENE	<0.50	UG/L #1
1,1,1-TRICHLOROETHANE	<0.50	UG/L #1
1,1,2-TRICHLOROETHANE	<0.50	UG/L #1
TRICHLOROETHYLENE	<0.50	UG/L #1
TRICHLOROFLUOROMETHANE	<0.50	UG/L #1
1,2,3-TRICHLOROPROPANE	<0.50	UG/L #1
TRICHLOROTRIFLUOROETHANE	<5.0	UG/L #1
1,2,4-TRIMETHYLBENZENE	+ >0.50	UG/L #1
1,3,5-TRIMETHYLBENZENE	+ >0.50	UG/L #1
VINYL ACETATE	<5.0	UG/L #1
VINYL CHLORIDE	<0.50	UG/L #1
M/P-XYLENE	+ >0.50	UG/L #1
O-XYLENE	+ >0.50	UG/L #1

State Laboratory of Hygiene  
University of Wisconsin Center for Health Sciences  
465 Henry Mall, Madison, WI 53706

H. Laessig, Ph.D., Director S.L. Inhorn, M.D., Medical Director

Environmental Science Section (608) 262-2797 DNR LAB D 1113133790  
continuing Labslip # DF003316, Field # 001

--- test: TEMPERATURE - 0950  
TEMPERATURE

18

--- test: VOCs IN WATER BY PURGE AND TRAP - EPA METHOD 8021

ACETONE	ND (LOD=5.0 UG/L)
ALLYL CHLORIDE	ND (LOD=5.0 UG/L)
BENZENE	+ 8.8 UG/L
BROMOBENZENE	ND (LOD=1.5050 UG/L)
BROMOCHLOROMETHANE	ND (LOD=1.5050 UG/L)
BROMODICHLOROMETHANE	ND (LOD=1.5050 UG/L)
BROMOFORM	ND (LOD=1.5050 UG/L)
BROMOMETHANE	ND (LOD=1.5050 UG/L)
BUTYLBENZENE	ND (LOD=1.5050 UG/L)
ISOBUTYLBENZENE	ND (LOD=1.5050 UG/L)
ISOPENT-BUTYLBENZENE	ND (LOD=1.5050 UG/L)
ETHANETHIOL DISULFIDE	ND (LOD=5.0 UG/L)
ETHANETHIOL TETRACHLORIDE	ND (LOD=1.5050 UG/L)
ETHANETHIOL BENZENE	ND (LOD=1.5050 UG/L)
ETHANETHIOL ETHANE	ND (LOD=1.5050 UG/L)
CHLOROETHYL VINYL ETHER	ND (LOD=5.0 UG/L)
CHLOROFORM	ND (LOD=1.5050 UG/L)
CHLOROTOLUENE	ND (LOD=1.5050 UG/L)
CHLOROTOLUENE	ND (LOD=1.5050 UG/L)
BROMOCHLOROMETHANE	ND (LOD=1.5050 UG/L)
2-DIBROMO-3-CHLOROPROPANE	ND (LOD=5.0 UG/L)
2-DIBROMOETHANE (EDB)	+ 0.86 UG/L
detected between 0.50 (LOD) and 1.5 (LOQ) UG/L	
BROMOMETHANE	ND (LOD=1.5050 UG/L)
2-DICHLORO BENZENE	ND (LOD=1.5050 UG/L)
3-DICHLORO BENZENE	ND (LOD=1.5050 UG/L)
1,4-DICHLORO BENZENE	ND (LOD=1.5050 UG/L)
1,1-DICHLOROETHANE	ND (LOD=1.5050 UG/L)
2-DICHLOROETHANE	+ 3.0 UG/L
1-DICHLOROETHYLENE	ND (LOD=1.5050 UG/L)
TRANS-1,2-DICHLOROETHYLENE	ND (LOD=1.5050 UG/L)
2-DICHLOROPROPANE	ND (LOD=1.5050 UG/L)
3-DICHLOROPROPANE	ND (LOD=1.5050 UG/L)
2-DICHLOROPROPANE	ND (LOD=1.5050 UG/L)
1-DICHLOROPROPENE	ND (LOD=1.5050 UG/L)



State Laboratory of Hygiene  
 University of Wisconsin Center for Health Sciences  
 465 Henry Mall, Madison, WI 53706

R.H. Laessig, Ph.D., Director S.L. Inhorn, M.D., Medical Director

Environmental Science Section (608) 262-2797 DNR LAB ID 113133790  
 ... continuing Lab slip # 0F0133790, Field # 001

CIS-1,3-DICHLOROPROPENE		ND (LOD=0.50 UG/L)
TRANS-1,3-DICHLOROPROPENE		ND (LOD=0.50 UG/L)
ETHYLBENZENE	+	1.9 UG/L
HEXACHLOROBUTADIENE		ND (LOD=0.50 UG/L)
HEXACHLOROETHANE		ND (LOD=5.0 UG/L)
2-HEXANONE		ND (LOD=5.0 UG/L)
ISOPROPYLETHER		ND (LOD=5.0 UG/L)
ISOPROPYLBENZENE	+	1.8 UG/L
P-ISOPROPYLTOLUENE		ND (LOD=0.50 UG/L)
METHYLENE CHLORIDE		ND (LOD=0.50 UG/L)
METHYL ETHYL KETONE		ND (LOD=5.0 UG/L)
METHYLIOIDE		ND (LOD=5.0 UG/L)
METHYLMETHACRYLATE		ND (LOD=5.0 UG/L)
4-METHYL-2-PENTANONE		ND (LOD=5.0 UG/L)
METHYL-TERT-BUTYL ETHER		ND (LOD=5.0 UG/L)
NAPHTHALENE	+	4.0 UG/L
N-PROPYLBENZENE	+	1.1 UG/L
detected between 0.50 (LOD) and 1.5 (LOQ) UG/L		
STYRENE		ND (LOD=0.50 UG/L)
1,1,1,2-TETRACHLOROETHANE		ND (LOD=0.50 UG/L)
1,1,2,2-TETRACHLOROETHANE		ND (LOD=0.50 UG/L)
TETRACHLOROETHYLENE	+	0.92 UG/L
detected between 0.50 (LOD) and 1.5 (LOQ) UG/L		
TETRAHYDROFURAN		ND (LOD=5.0 UG/L)
TOLUENE		ND (LOD=0.50 UG/L)
1,2,3-TRICHLOROBENZENE		ND (LOD=0.50 UG/L)
1,2,4-TRICHLOROBENZENE		ND (LOD=0.50 UG/L)
1,1,1-TRICHLOROETHANE		ND (LOD=0.50 UG/L)
1,1,2-TRICHLOROETHANE		ND (LOD=0.50 UG/L)
TRICHLOROETHYLENE		ND (LOD=0.50 UG/L)
TRICHLOROFLUOROMETHANE		ND (LOD=0.50 UG/L)
1,2,3-TRICHLOROPROPANE		ND (LOD=0.50 UG/L)
TRICHLOROTRIFLUOROETHANE		ND (LOD=5.0 UG/L)
1,2,4-TRIMETHYLBENZENE	+	0.60 UG/L
detected between 0.50 (LOD) and 1.5 (LOQ) UG/L		
1,3,5-TRIMETHYLBENZENE	+	1.1 UG/L
detected between 0.50 (LOD) and 1.5 (LOQ) UG/L		
VINYL ACETATE		ND (LOD=5.0 UG/L)
VINYL CHLORIDE		ND (LOD=0.50 UG/L)
M/P-XYLENE	+	1.4 UG/L
detected between 0.50 (LOD) and 1.5 (LOQ) UG/L		
O-XYLENE	+	5.3 UG/L
VOCS IN WATER BY PURGE & TRAP-PREPREP-EPA METHOD 8021		C
GCMS PREP : WATER		C

State Laboratory of Hygiene  
University of Wisconsin Center for Health Sciences  
465 Henry Mall, Madison, WI 53706  
R.H. Laessig, Ph.D., Director                      S.L. Inhorn, M.D., Medical Director

-----  
Environmental Science Section    (608) 262-2797    DNR LAB ID 113133790  
... continuing Lab slip # OF000316,    Field # 001

--- Footnotes ---

+: Positive results are prefixed by a plus sign.

Remark #1: SEE OF000316.MH1

Memo for OF000316

--- OF000316.MH1/1 - GCMS VOC SCAN BY HEADSPACE - WATER ---

State Laboratory of Hygiene sample OF000316 may contain the compounds listed below according to tentative computer identification from gas chromatography/mass spectroscopy analysis. The concentration of contaminants could not be determined, nor has the presence of the compounds been confirmed by alternative analysis techniques.

alkylated benzenes and other hydrocarbons

If you have any questions, contact David Degenhardt at (608) 262-2797.

**ECKERT & STINGL**  
ATTORNEYS AT LAW

158 S. ANDERSON STREET  
P. O. BOX 1247  
RHINELANDER, WI 54501-1247

PLEASE RESPOND TO POST OFFICE BOX

TELEPHONE (715) 369-1624  
FAX (715) 369-1273

PLEASE REFER TO OUR FILE  
NUMBER WHEN RESPONDING

April 28, 1994

MICHAEL L. ECKERT  
MICHAEL J. STINGL  
JAMES O. MOERMOND, III \*  
TIMOTHY B. MELMS  
JOHN R. LUND \*\*  
OF COUNSEL  
JOHN A. JANTSCH  
CERTIFIED PARALEGAL  
ANN S. PETERS  
LEGAL ASSISTANT

\* ALSO LICENSED IN COLORADO  
\*\* ALSO LICENSED IN ILLINOIS

*u*  
*# 144*  
*4/28/94*  
*Four Seasons Bar*

Mr. Charles J. Fitzgerald, R.S.  
Wisconsin Department of Natural  
Resources  
P. O. Box 818  
Rhineland, WI 54501

Mr. Marvin N. Laspa  
Wisconsin Department of  
Transportation  
P. O. Box 777  
Rhineland, WI 54501-0777

RE: Michael Modrow  
Four Seasons  
Our File No. 3448-93  
DOT Project No. 1595-07-00

Gentlemen:

Please be advised that I no longer represent Mr. Michael Modrow in this matter.  
Please direct any further correspondence directly to Mr. Modrow.

Thank you.

Very truly yours,

ECKERT & STINGL

*Michael J. Stingl*

Michael J. Stingl

*TK*

MJS:tjk  
Dict. 4-25-94  
M3448-93.Cor\C12

cc: Mr. Michael Modrow

"DICTATED BUT NOT READ"



## Wisconsin Department of Transportation

Tommy G. Thompson  
Governor

Charles H. Thompson  
Secretary

**DIVISION OF BUSINESS  
MANAGEMENT**  
4802 Sheboygan Avenue  
P.O. Box 7915  
Madison, WI 53707-7915

April 22, 1994

Mr. Michael J. Stingl  
Eckert & Stingl  
P.O. Box 1247  
Rhineland, WI 54501-1247

Re: Four Seasons Tavern - Monico

Dear Mr. Stingl:

I apologize for the delay in response to your letter of January 18, 1994 which was directed to Mr. Falkowski of the DNR with copies to our District Office. Your letter was sent to me for response and it inadvertently got filed.

As I indicated in my correspondence to the DNR dated October 10, 1993, (copy enclosed) the WDOT entered a specific agreement with the Modrows to remove the underground storage tank. That agreement was made to assist the Modrows and to facilitate our highway improvement project at that location. That agreement had nothing to do with the ownership issue.

I also indicated at that time and we continue to maintain today, that this property was acquired by easement for the WDOT, through Oneida County, for the purpose of maintaining this highway. As such, the underlying ground to the centerline of the highway is owned by the abutting property owners. We met with the Modrow's to review that title history.

The WDOT is not a responsible party under the definitions of s.144.76, Wis. Stats., as it is not an owner, did not possess or control the discharge and we did not cause the discharge to occur.

I again apologize for any problems my delay in response may have created. If I can be of further assistance, please feel free to call me at (608)266-0705.

Sincerely,

A handwritten signature in black ink, appearing to read "Kevin J. Gehrman".

Kevin J. Gehrman  
Risk Manager

KG:kjg

cc: Dennis Brock  
Marv Laspa  
Ron Felkowski

# ECKERT & STINGL

ATTORNEYS AT LAW

rec'd 2-11-94  
uid 144  
mjh

158 S. ANDERSON STREET  
P.O. BOX 1247  
RHINELANDER, WI 54501-1247

PLEASE RESPOND TO POST OFFICE BOX

TELEPHONE (715) 369-1624  
FAX (715) 369-1273

PLEASE REFER TO OUR FILE  
NUMBER WHEN RESPONDING

February 10, 1994

MICHAEL L. ECKERT  
MICHAEL J. STINGL  
JAMES O. MOERMOND, III\*  
TIMOTHY B. MELMS  
JOHN R. LUND\*\*  
OF COUNSEL  
JOHN A. JANTSCH  
CERTIFIED PARALEGAL  
ANN S. PETERS  
LEGAL ASSISTANT

\* ALSO LICENSED IN COLORADO  
\*\* ALSO LICENSED IN ILLINOIS

Mr. Ron Falkowski  
Project Hydrogeologist  
Leaking Underground Storage  
Tank Program  
Department of Natural Resources  
P. O. Box 818  
Rhineland, WI 54501

RE: Four Seasons Bar  
Our File No. 3448-93

Mr. Falkowski:

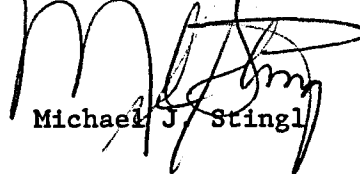
On January 18, 1994, I sent you a letter containing our position regarding the Department of Transportation. To date I have not had any response from you.

Could you please let me know your position with respect to the Department of Transportation's responsibility in this matter.

I look forward to hearing from you within the next ten (10) days. Thank you.

Very truly yours,

ECKERT & STINGL



Michael J. Stingl

MJS:tjk  
cc: Mr. Michael Modrow  
Dict. 2-8-94  
M3448-93.Cor\C6

DNR OFFICE MEMO  
Form 9500-43 Rev. 2-92

Date

Time

2/7

To Ron Falkowski

From Deb

Of

(414) Phone  
(608)  
(715)

Received by

Please Call       Returning Your Call       Will Call Again       Called to See You

Comment  
 For Your Information

Please file

See Me  
 Take Action  
 Approve

Sign  
 Revise  
 Prepare Reply For My Signature

Reply Direct  
 Per Your Request

Code  
 Route to:

Return  
 File

RECEIVED
Wis. Dept. of Natural Resources
FEB 8 1994
N. C. Dist. Hdqtrs.
Rhineland, WI

## CORRESPONDENCE/MEMORANDUM

Date: February 7, 1994

To: Betty Johnson, Rhinelander

From: Deb Pingel, LUST Program *DP*

Subject: BOTTLED WATER SUPPLY, LUST/ERP PROGRAM NCD

File Ref:

Attached are invoices for bottled water supplied to the NCD LUST and ERP cases. All attached invoices are approved for full payment. These invoices cover the month of January, 1994. Please take the credit from McQuire off of Hamm's Ballroom.

<u>PROJECT</u>	<u>PERSON</u>	<u>PMN</u>	<u>AMOUNT</u>
Lemme Creek	Cairns	SW 62 ERP LU704	\$ 48.60 \$ 48.60
Millidore	Passineau	SW 62 ERP LU717	\$ 38.70
	Kinnic		43.65
	Czaikowski		53.55
	Brock		38.70
	Krayecki		43.65
	Hamm's Ballroom		147.60
	McQuire		<33.75>
	Gregg		9.00
			\$ 341.10
Halder Wells	Taylor	SW 62 ERP LU718	\$ 117.90
	Davis		147.60
			\$ 265.50
Merrill Landfill	Sandas	SW 62 ERP SW459	\$ 27.90 \$ 27.90
Hustler	Sampson	SW 62 ERP LU724	\$ 92.25
	Barnharst		48.60
	Burge		68.40
	Rosier		48.60
			\$ 257.85
Junct. P & 34	Pechinski	SW 62 ERP LU727	\$ 78.30
	Lebarge		18.90
			\$ 97.20
Elderon Project	Falstsd	SW 62 ERP LU705	\$ 33.75
	Severson	SW 62 ERP LU705	182.25
			\$ 216.00
<b>Tower Motel</b>	Tobar	SW 62 ERP LU730	\$ 78.30 \$ 78.30
Suwyn Residence	Suwyn	SW 62 ERP LU731	\$ 9.00 \$ 9.00

Bottled Water Invoices

Slattery Res.	Slattery Wernberg	SW 62 ERP LU733	\$ 93.15
			<u>152.55</u>
			\$ 245.70
4 Seasons Bar	4 Seasons	SW 62 ERP LU732	\$ 9.00
			\$ 9.00

TOTAL \$1,596.15\*

\*LUST Program Projects = \$1,568.25

\*ERP Program Projects = \$ 27.90

cc: Tom Fass, SW/3



CORRESPONDENCE/MEMORANDUM

Date: February 7, 1994

To: Betty Johnson, Rhinelander

From: Deb Pingel, LUST Program *DP*

Subject: BOTTLED WATER SUPPLY, LUST/ERP PROGRAM NCD

File Ref.

Attached are invoices for bottled water supplied to the NCD LUST and ERP cases. All attached invoices are approved for full payment. These invoices cover the month of January, 1994. Please take the credit from McQuire off of Hamm's Ballroom.

<u>PROJECT</u>	<u>PERSON</u>	<u>PMN</u>	<u>AMOUNT</u>
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			53.55
			38.70
			43.65
			147.60
			<33.75>
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			147.60
			\$ 265.50
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			\$ 216.00
Tower Motel	Tobar	SW 62 ERP LU730	\$ 78.30
			\$ 78.30
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			\$ 9.00

Slattery Res.	Slattery Wernberg	SW 62 ERP LU733	\$ 93.15
			<u>152.55</u>
			\$ 245.70

<b>4 Seasons Bar</b>	4 Seasons	SW 62 ERP LU732	\$ 9.00
			\$ 9.00

TOTAL \$1,596.15\*

\*LUST Program Projects = \$1,568.25

\*ERP Program Projects = \$ 27.90

cc: Tom Fass, SW/3

**ECKERT & STINGL**  
ATTORNEYS AT LAW

rec'd 1-26-94  
vid 144  
myh

158 S. ANDERSON STREET  
P.O. BOX 1247  
RHINELANDER, WI 54501-1247

PLEASE RESPOND TO POST OFFICE BOX

TELEPHONE (715) 369-1624  
FAX (715) 369-1273

PLEASE REFER TO OUR FILE  
NUMBER WHEN RESPONDING

January 25, 1994

MICHAEL L. ECKERT  
MICHAEL J. STINGL  
JAMES O. MOERMOND, III\*  
TIMOTHY B. MELMS  
JOHN R. LUND\*\*  
OF COUNSEL  
JOHN A. JANTSCH  
CERTIFIED PARALEGAL  
ANN S. PETERS  
LEGAL ASSISTANT

\* ALSO LICENSED IN COLORADO  
\*\* ALSO LICENSED IN ILLINOIS

Mr. David Wagner, Jr.  
Associated Bank  
210 S. Lake Avenue  
Crandon, WI 54520

RE: Michael Modrow  
Our File No. 3448-93

Mr. Wagner:

Please be advised that I represent Michael Modrow who currently owns the Four Seasons Bar on Hwy. 8 in Monico, Wisconsin.

As you know, the Associated Bank of Crandon sold that bar to Mr. Modrow. At the current time the Department of Natural Resources is requesting Mr. Modrow clean-up a petroleum leak that was apparently caused from underground storage tanks on the property. Those underground storage tanks were in existence at the time you sold the property to Mr. Modrow.

I believe under the Environmental Clean-Up Rules, the Associated Bank of Crandon would be a responsible party for clean-up expenses.

Could I please have your position on this within fourteen (14) days from the date of this correspondence.

By copy of this correspondence, I am informing the Department of Natural Resources of this position.

Thank you.

Very truly yours,  
ECKERT & STINGL

**COPY**

Michael J. Stingl

MJS:tjk  
cc: Mr. Michael Modrow  
Wisconsin Department of Natural  
Resources  
Dict. 1-20-94  
M3448-93.Cor\C5

**ECKERT & STINGL**

Mr. Ron Falkowski  
January 18, 1994  
Page 2  
Our File No. 3448-93

I look for your response and that of Mr. Laspa. Thank you.

Very truly yours,

**ECKERT & STINGL**

Michael J. Stingl

MJS:tjk  
Enclosure  
cc: Mr. Marvin N. Laspa  
Mr. Mike Modrow  
Dist. 1-17-94  
M3448-93.Cor\C3

# ECKERT & STINGL

ATTORNEYS AT LAW

133 S. ANDERSON STREET  
P.O. BOX 1247  
RHINELANDER, WI 54501-1247

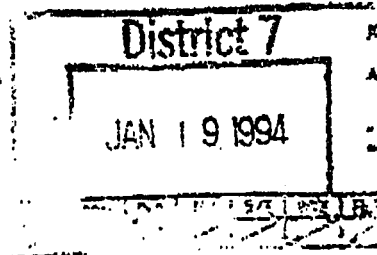
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TELEPHONE (715) 369-1624  
FAX (715) 369-1273

PLEASE REFER TO OUR FILE  
NUMBER WHEN RESPONDING

Mr. Ron Falkowski  
Project Hydrogeologist  
Leaking Underground Storage Tank Program  
Department of Natural Resources  
P. O. Box 818  
Rhinelander, WI 54501

January 18, 1994



MICHAEL L. ROBERT  
MICHAEL J. STINGL  
JAMES C. MONTGOMERY, III  
TIMOTHY B. MELLAS  
JOHN E. LINDY  
OF COUNSEL  
JOHN A. JANTSCH  
CREDITED SPECIALIST  
ANN S. PETERS  
LEGAL ASSISTANT  
\* ALSO LICENSED IN COLORADO  
\* ALSO LICENSED IN ILLINOIS

# COPY

RE: Four Seasons Bar  
Our File No. 3448-93

Mr. Falkowski:

I am in receipt of a letter dated November 24, 1993 that you sent to my client, Mike Modrow.

In that letter, you indicate that Mr. Modrow is the owner of certain property that contained underground storage tanks which have, in the past, leaked into the ground. I enclose, for your review, a copy of a conveyance of land for highway purposes dated March 21, 1929. This particular property was conveyed by predecessors in title of Mr. Modrow to Oneida County, Wisconsin for highway purposes pursuant to Wisconsin Statute 83.08.

Based upon that conveyance, it is my understanding that the Department of Transportation and Oneida County are the owners of this particular property. It was also the Department of Transportation that was in charge of removing the underground storage tanks. According to the rules contained in your November 24, 1993 letter, I believe it should be the Department of Transportation and not Mr. Modrow that is required to clean up this particular contamination site.

By copy of this correspondence I am informing Marvin W. Laspa, P.E. District Planning and Design Supervisor for the Department of Transportation of this opinion. I would invite the Department of Natural Resources to contact Mr. Laspa requiring the Department of Transportation to clean up this site. The Department of Transportation, according to the 1929 conveyance, is the owner of said property and has the right to control the property and should rightfully be the party to clean up the contamination.

# ECKERT & STINGL

ATTORNEYS AT LAW

158 S. ANDERSON STREET  
P.O. BOX 1247  
RHINELANDER, WI 54501-1247

PLEASE RESPOND TO POST OFFICE BOX

TELEPHONE (715) 369-1624  
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PLEASE REFER TO OUR FILE  
NUMBER WHEN RESPONDING

Mr. Ron Falkowski  
Project Hydrogeologist  
Leaking Underground Storage Tank Program  
Department of Natural Resources  
P. O. Box 818  
Rhineland, WI 54501

January 18, 1994

RE: Four Seasons Bar  
Our File No. 3448-93

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uid 144  
rec'd 1-19-94  
mjh

MICHAEL L. ECKERT  
MICHAEL J. STINGL  
JAMES O. MOERMOND, III\*  
TIMOTHY B. MELMS  
JOHN R. LUND\*\*  
OF COUNSEL  
JOHN A. JANTSCH  
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\* ALSO LICENSED IN COLORADO  
\*\* ALSO LICENSED IN ILLINOIS

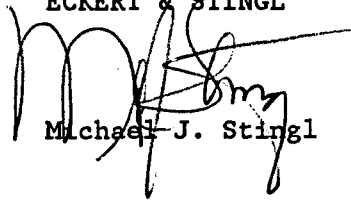
**ECKERT & STINGL**

Mr. Ron Falkowski  
January 18, 1994  
Page 2  
Our File No. 3448-93

I look for your response and that of Mr. Laspa. Thank you.

Very truly yours,

ECKERT & STINGL



Michael J. Stingl

MJS:tjk  
Enclosure  
cc: Mr. Marvin N. Laspa  
Mr. Mike Modrow  
Dict. 1-17-94  
M3448-93.Cor\C3

CONVEYANCE OF LANDS FOR HIGHWAY PURPOSES

(Sec. 23.08)

United States

It having been deemed necessary, for the proper improvement of a..... Highway, to change or relocate a portion thereof through lands owned by Guy & Magdalene Dailey

in the Town of Monico Oneida County, and a plat showing the existing location and the proposed change having been filed with the County Highway Committee and with the County Clerk of said County, by the State Highway Commission as required by Section 83.08; and the said County Highway Committee having dealt by contract with the owner of said lands;

KNOW ALL MEN BY THESE PRESENTS, That the said owner...., for a valuable consideration, to-wit: the sum of Ten Dollars (\$10.00) in hand paid, the receipt of which is hereby acknowledged.....

do hereby grant and convey to Oneida County, Wisconsin, for highway purposes as long as so used, the lands of said owner.... necessary for said relocation, shown on the said plat and described as follows, to-wit:

A strip of land in portions of the northeast quarter (N.E. 1/4) of the southwest quarter (S.W. 1/4) and the southeast quarter (S.E. 1/4) of the northwest quarter (N.W. 1/4) of section thirty (30) town thirty-six north (T 36 N) range eleven east (R 11 E); the south boundary of said strip of land being the north right of way line of present United States Highway No. eight (8) in said descriptions and the north boundary of said strip of land being a line that is forty-one (41) feet north of and parallel to the center line of the Wisconsin Highway Commission survey in the said descriptions from station four hundred forty-four plus forty (444 plus 40) to station four hundred fifty-two (452) of said survey.

The said strip of land contains fourteen one-hundredths (0.14) acres, more or less.

This conveyance shall be binding on the grantor, ....heirs, executors, assigns and grantees, and the consideration hereinbefore named is acknowledged to be in full payment of all claims of whatsoever nature by the grantor arising through or by reason of the granting and conveying of the said lands.

And being the owner.... and holder.... of a certain..... lien.... against said premises, do hereby join in and consent to said conveyance free of said lien.

WITNESS the hand and seal of the grantor and the person.... joining in and consenting to this conveyance, this 21st day of March, 1929

In Presence of [Signatures]

[Signatures: Guy Dailey, Magdalene Dailey, Registrar] REGISTER'S OFFICE Oneida County, Wis. Received for Record the 13th day of May A. D. 1929 at 10:10 o'clock A. M. and recorded in Vol. 305 of Deeds on page 21 [Signature: James Verage]

State of Wisconsin } ss. Oneida County }

Personally came before me this 21st day of March, 1929, the above named Guy Dailey & Magdalene Dailey

to me known to be the persons who signed the foregoing instrument and acknowledged the same.

My Commission expires February 16/1930. [Signature: Lloyd O. Thigpen] Notary Public



## CORRESPONDENCE/MEMORANDUM

Date: December 10, 1993

To: Betty Johnson, Rhinelander

From: Deb Pingel, LUST Program *DP*

Subject: BOTTLED WATER SUPPLY, LUST/ERP PROGRAM NCD

File Ref.

Attached are invoices for bottled water supplied to the NCD LUST and ERP cases. All attached invoices are approved for full payment. These invoices cover the month of November, 1993.

<u>PROJECT</u>	<u>PERSON</u>	<u>PMN</u>	<u>AMOUNT</u>
Lemme Creek	Cairns	SW 62 ERP LU704	\$ 48.60 \$ 48.60
Millidore	Passineau	SW 62 ERP LU717	\$ 9.00
	Kinnic		43.65
	Czaikowski		63.45
	Brock		38.70
	Krayecki		38.70
	Hamm's Ballroom		202.05
	McQuire		43.65
	Gregg		18.90
			\$ 458.10
Halder Wells	Taylor	SW 62 ERP LU718	\$ 103.05
	Davis		102.45
			\$ 205.50
Merrill Landfill	Sandas	SW 62 ERP SW459	\$ 37.80 \$ 37.80
Hustler	Sampson	SW 62 ERP LU724	\$ 77.40
	Barnharst		33.75
	Burge		33.75
	Rosier		68.40
			\$ 213.30
Junct. P & 34	Pechinski	SW 62 ERP LU727	\$ 98.20
	Lebargé		18.90
			\$ 117.10
Elderon Project	Falstsd	SW 62 ERP LU705	\$ 28.80
	Severson	SW 62 ERP LU705	171.45
			\$ 200.25
Tower Motel	Tobar	SW 62 ERP LU730	\$ 43.65 \$ 43.65
Suwyn Residence	Suwyn	SW 62 ERP LU731	\$ 9.00 \$ 9.00

Slattery Res.	Slattery Wernberg	SW 62 ERP LU733	\$ 228.35
			<u>108.00</u>
			\$ 336.35
4 Seasons Bar	4 Seasons	SW 62 ERP LU732	\$ 9.00
			\$ 9.00

TOTAL \$1,678.65\*

\*LUST Program Projects = \$1,639.95  
\*ERP Program Projects = \$ 38.70  
cc: Tom Fass, SW/3



⇒ Deb Pingel  
Wausau

# Wisconsin Department of Transportation

Tommy G. Thompson  
Governor

Charles H. Thompson  
Secretary

DIVISION OF BUSINESS  
MANAGEMENT  
4802 Sheboygan Avenue  
P.O. Box 7915  
Madison, WI 53707-7915

October 10, 1993

Mr. Archie Wilson *Amw*  
WI. Department of Natural Resources  
North Central District  
P. O. Box 818  
Rhineland, WI 54501

144

Wausau DNR Office  
Wausau, Wisconsin  
OCT 14 1993

Re: Four Seasons Tavern - Monico

Dear Mr. Wilson:

The Wisconsin Department of Transportation (WDOT) during a routine site visit discovered an encroachment on United States Highway # 8 at the Four Seasons Tavern. This encroachment consisted of a porch and an underground storage tank (UST).

In discussions with the property owners, Michael and Patti Modrow, it was agreed that the property owners would remove the porch encroachment and that the WDOT would remove the UST. It was further agreed that the removal of the tank did not in any way bind the WDOT to further work that may be dictated by contamination found as a result of the removal.

As you know, the removal resulted in the identification of contaminated soils and groundwater. As a precautionary measure, the Modrow private well was also sampled and determined to be impacted by the contamination. Your office was immediately notified you took appropriate action to confirm those results.

We have reviewed the ownership history of this site and have determined that the WDOT, through Oneida County, has a easement for the purpose of maintaining this highway. This being the case, the underlying ground to the centerline of the highway is owned by the abutting property owners. We have met with the Modrow's to inform them that of their responsibility for the contamination and that we would assist them in any way we could to assure the speedy remediation of this site.

Rec'd NCD  
10/19/93  
Amw

October 10, 1993  
Page 2

Upon submission of the tank abandonment report to your office, WDOTs will close its file. If you have any questions, please feel free to contact me at (608)266-0705.

Sincerely,



Kevin J. Gehrmann  
Risk Manager

KG:kjg

cc: Michael and Patti Modrow  
1800 USH 8 East  
Monico, WI 54501

Dennis Brock  
Ron Felkowski  
Richard Fish



144

**State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES**

George E. Meyer  
Secretary

P.O. Box 818  
Rhineland, Wisconsin 54501  
TELEPHONE 715-369-8965  
TELEFAX 715-369-8932  
NCD UID#:

November 24, 1993

Mike & Patti Modrow  
1800 Hwy 8 E  
Monico, WI 54549

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

Subject: Petroleum Contamination of Soil and Groundwater at  
Four Seasons Bar, Monico, Wisconsin

Dear Mr. & Mrs. Mudrow:

On August 26, 1993 the Department of Natural Resources - Leaking Underground Storage Tank Program was notified by RMT that petroleum contamination was identified during the removal of two tanks from the Department of Transportation (DOT) right-of-way on Hwy 8 East, Monico. The Department has been informed by DOT that the property from which the tanks were removed is infact property owned by Four Seasons Bar. Based on this information the Department believes that petroleum products have been discharged to the environment at the above referenced property.

Under s. 144.76(3), Wis. Stats., any person who possesses or controls a hazardous substance which is discharged, or who causes the discharge of a hazardous substance, must take the actions necessary to restore the environment and minimize the harmful effects from the discharge to the air, lands or waters of the State.

Because you are currently the legal owner of the property where the hazardous substance has been discharged, under State law you are responsible for determining the extent and degree of the contamination to the soil and/or groundwater, and for cleanup and proper disposal of all hazardous substances present at the site. We wish to remind you that time is of the essence in responding to environmental contamination incidents. Generally, the more quickly a release is discovered and responded to, the smaller the damaging impacts and the cost of investigation and/or remediation.

The Department would like to know what action you plan to take to clean up the apparent discharged hazardous substance. The Department requests that within 7 days of the receipt of this letter, you provide it with your decision in writing as to whether or not you have decided to hire an environmental consultant to address the environmental impact and a list of the consultants which you have contacted.

November, 24, 1993

Within 45 days of the receipt of this letter, a work plan for the site investigation must be submitted to the Department for approval. The work plan for the site investigation shall include a description of the investigative methods and quality control procedures which will be used during the site investigation.

Attached to this letter is guidance developed by the Department to aid persons in investigating and/or remediating hazardous substance releases. In addition, a "Remedial Investigation Checklist" (Form SW-115) is enclosed. The investigation report shall include, at a minimum, all the information listed on the checklist. If any of the information is omitted from the report, an explanation must be included for the omissions. Any incomplete reports will be considered unacceptable by the Department.

In the case of confirmed free product at the site, please refer to the Federal Register 40 CFR Part 280.62(a)(6) which states "Investigate to determine the possible presence of free product, and begin free product removal as soon as practicable and in accordance with §280.64." Section 280.64 has been provided as an appendix in the site assessment guidance.

Please be aware that there are regulations under ch. NR103, Wisconsin Administrative Code which relate to investigations being performed in wetland areas. If there are or may be wetland areas in the vicinity of the investigation, you may wish to consult Department personnel regarding regulations which may affect the work performed at the site.

Please be advised that the Department's current case load will not allow the Department to review all site investigation and remediation plans when they are submitted. However, this does not relieve you from any of the responsibilities under s. 144.76, Stats. The Department requests that you proceed with investigation and remediation under the direction of a qualified environmental consultant. All work performed at the site is expected to comply with Federal and State regulations and guidance for investigation and remediation of environmental contamination incidents. The Department requests quarterly updates and copies of all reports and work plans be sent to the Department to be reviewed as time permits. Please be aware that the Department retains the right to request additional work at any point in the project based on review of information submitted. If, however, you have questions or concerns regarding the progress of the investigation or cleanup, please feel free to contact us as necessary.

The Department ranks every reported contamination incident based on what is known about the site. If you fail to respond within the time period identified above, or if you fail to take the appropriate action, the Department has the authority under s. 144.76(7), Wis. Stats., to take the necessary action and to seek reimbursement for all its actual and necessary expenditures from the responsible party(ies). If the Department utilizes federal funds to undertake the necessary actions, the U.S. Environmental Protection Agency also has the right to seek reimbursement for all Department expenditures from the responsible party(ies).

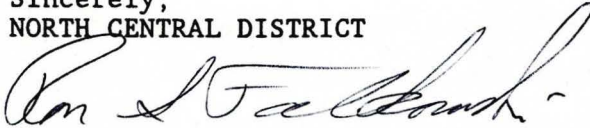
Four Seasons Bar

November, 24, 1993

The State of Wisconsin provides financial assistance to owners of eligible underground storage tanks to help them clean up tank sites. You may be eligible for the reimbursement of some costs related to the cleanup under the state's Petroleum Storage Remedial Action Fund, commonly called PECFA. This fund is administered by the Wisconsin Department of Industry, Labor and Human Relations (DILHR). We encourage you to contact the DILHR at (608)267-4545 to determine your eligibility for this program or for more information.

Your cooperation in addressing this matter will be greatly appreciated. If you have any questions regarding this letter, please feel free to contact me at (715)369-8983.

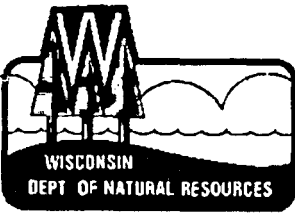
Sincerely,  
NORTH CENTRAL DISTRICT



Ron S. Falkowski  
Project Hydrogeologist  
Leaking Underground Storage Tank Program

Enclosures

cc: DILHR, Madison  
File



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

George E. Meyer  
Secretary

P.O. Box 818  
Rhinelander, Wisconsin 54501  
TELEPHONE 715-369-8965  
TELEFAX 715-369-8932

NCD UID#: 144

November 24, 1993

Mike & Patti Modrow  
1800 Hwy 8 E  
Monico, WI 54549

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

Subject: Petroleum Contamination of Soil and Groundwater at  
Four Seasons Bar, Monico, Wisconsin

Dear Mr. & Mrs. Mudrow:

On August 26, 1993 the Department of Natural Resources - Leaking Underground Storage Tank Program was notified by RMT that petroleum contamination was identified during the removal of two tanks from the Department of Transportation (DOT) right-of-way on Hwy 8 East, Monico. The Department has been informed by DOT that the property from which the tanks were removed is infact property owned by Four Seasons Bar. Based on this information the Department believes that petroleum products have been discharged to the environment at the above referenced property.

Under s. 144.76(3), Wis. Stats., any person who possesses or controls a hazardous substance which is discharged, or who causes the discharge of a hazardous substance, must take the actions necessary to restore the environment and minimize the harmful effects from the discharge to the air, lands or waters of the State.

Because you are currently the legal owner of the property where the hazardous substance has been discharged, under State law you are responsible for determining the extent and degree of the contamination to the soil and/or groundwater, and for cleanup and proper disposal of all hazardous substances present at the site. We wish to remind you that time is of the essence in responding to environmental contamination incidents. Generally, the more quickly a release is discovered and responded to, the smaller the damaging impacts and the cost of investigation and/or remediation.

The Department would like to know what action you plan to take to clean up the apparent discharged hazardous substance. The Department requests that within 7 days of the receipt of this letter, you provide it with your decision in writing as to whether or not you have decided to hire an environmental consultant to address the environmental impact and a list of the consultants which you have contacted.



November, 24, 1993

Within 45 days of the receipt of this letter, a work plan for the site investigation must be submitted to the Department for approval. The work plan for the site investigation shall include a description of the investigative methods and quality control procedures which will be used during the site investigation.

Attached to this letter is guidance developed by the Department to aid persons in investigating and/or remediating hazardous substance releases. In addition, a "Remedial Investigation Checklist" (Form SW-115) is enclosed. The investigation report shall include, at a minimum, all the information listed on the checklist. If any of the information is omitted from the report, an explanation must be included for the omissions. Any incomplete reports will be considered unacceptable by the Department.

In the case of confirmed free product at the site, please refer to the Federal Register 40 CFR Part 280.62(a)(6) which states "Investigate to determine the possible presence of free product, and begin free product removal as soon as practicable and in accordance with §280.64." Section 280.64 has been provided as an appendix in the site assessment guidance.

Please be aware that there are regulations under ch. NR103, Wisconsin Administrative Code which relate to investigations being performed in wetland areas. If there are or may be wetland areas in the vicinity of the investigation, you may wish to consult Department personnel regarding regulations which may affect the work performed at the site.

Please be advised that the Department's current case load will not allow the Department to review all site investigation and remediation plans when they are submitted. However, this does not relieve you from any of the responsibilities under s. 144.76, Stats. The Department requests that you proceed with investigation and remediation under the direction of a qualified environmental consultant. All work performed at the site is expected to comply with Federal and State regulations and guidance for investigation and remediation of environmental contamination incidents. The Department requests quarterly updates and copies of all reports and work plans be sent to the Department to be reviewed as time permits. Please be aware that the Department retains the right to request additional work at any point in the project based on review of information submitted. If, however, you have questions or concerns regarding the progress of the investigation or cleanup, please feel free to contact us as necessary.

The Department ranks every reported contamination incident based on what is known about the site. If you fail to respond within the time period identified above, or if you fail to take the appropriate action, the Department has the authority under s. 144.76(7), Wis. Stats., to take the necessary action and to seek reimbursement for all its actual and necessary expenditures from the responsible party(ies). If the Department utilizes federal funds to undertake the necessary actions, the U.S. Environmental Protection Agency also has the right to seek reimbursement for all Department expenditures from the responsible party(ies).

Four Seasons Bar

November, 24, 1993

The State of Wisconsin provides financial assistance to owners of eligible underground storage tanks to help them clean up tank sites. You may be eligible for the reimbursement of some costs related to the cleanup under the state's Petroleum Storage Remedial Action Fund, commonly called PECFA. This fund is administered by the Wisconsin Department of Industry, Labor and Human Relations (DILHR). We encourage you to contact the DILHR at (608)267-4545 to determine your eligibility for this program or for more information.

Your cooperation in addressing this matter will be greatly appreciated. If you have any questions regarding this letter, please feel free to contact me at (715)369-8983.

Sincerely,  
NORTH CENTRAL DISTRICT



Ron S. Falkowski  
Project Hydrogeologist  
Leaking Underground Storage Tank Program

Enclosures

cc: DILHR, Madison  
File



George E. Meyer  
Secretary

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

North Central District Headquarters  
Box 818  
Rhinelander, Wisconsin 54501  
TELEPHONE 715-369-8900  
TELEFAX 715-369-8932

November 23, 1993

File Ref.: 4546

Mr. Mark LaRowe  
RMT Inc.  
744 Hartland Trail  
Madison, WI 53708

SUBJECT: Amended Application to Treat or Dispose of Soil Contaminated  
from WDOT, Monico, WI

Dear Mr. LaRowe:

On November 4, 1993 the Department's North Central District Office received your amended application to treat or dispose of 5 cubic yards of sand contaminated with gasoline and diesel. The soil is from excavation of a underground storage tank at the WDOT site on US Highway 8, Monico, Wisconsin (T36N, R11E, Section 30). The soil is to be transported to the BACCO Construction Company's asphalt plant #25 located in the Town of Iron Mountain, MI for incorporation into asphalt concrete.

The estimated calculations of the amounts of benzene (0.00756 pounds) and total petroleum hydrocarbons as gasoline and diesel (4.2 pounds) in the contaminated soil appear to be correct.

For your information, in the future you will be required to provide additional information on the amounts of ethylene dibromide, ethylene dichloride, lead and sulfur in the contaminated soil. Analysis data is sufficient, calculation of total amounts in the soil are not required. Sulfur content is required for all soils and may be tested as reactive sulfides. The other three compounds are required for soil contaminated with gasoline. This is in addition to the amount of benzene and total petroleum hydrocarbons.

I have approved the amended application and a copy is attached.

If you have any questions concerning this letter, please contact me at 715/369-8985.

Sincerely,  
NORTH CENTRAL DISTRICT  
*B.A. Patel*  
Biren A. Patel  
Air Management engineer

cc: Bureau of Air Management, AM/7-SLR  
Mr. John Fortier, PO Box 458, Iron Mountain MI, 49801  
Ron Falkowski, Rhinelander

DEPARTMENT OF NATURAL RESOURCES  
NORTH CENTRAL DISTRICT HEADQUARTERS  
RHINELANDER, WI 54501

FROM:  B. JOHNSON \_\_\_\_\_ N. PRATT  
\_\_\_\_\_ T. WINQUIST \_\_\_\_\_ D. HANSEN  
\_\_\_\_\_ J. TUSCHEL \_\_\_\_\_ B. DUDGEON

DATE: 11/22/93

\_\_\_\_\_ MADISON OFFICE \_\_\_\_\_ FLOOR  
\_\_\_\_\_ OFFICE OF THE SECRETARY  
\_\_\_\_\_ FINANCE \_\_\_\_\_ PAYROLL  
\_\_\_\_\_ PERSONNEL \_\_\_\_\_ PURCHASING  
\_\_\_\_\_ PROPERTY/FLEET

REFER TO: \_\_\_\_\_

-----

\_\_\_\_\_ ANTIGO \_\_\_\_\_ LMD-GREEN BAY  
\_\_\_\_\_ MERRILL RS \_\_\_\_\_ NWD-SPOONER  
 WAUSAU \_\_\_\_\_ SD-MADISON  
\_\_\_\_\_ WIS RAPIDS \_\_\_\_\_ SED-MILWAUKEE  
\_\_\_\_\_ WOODRUFF \_\_\_\_\_ WD-EAU CLAIRE

REFER TO: Deb Pangel

\*\*\*\*\*

\_\_\_\_\_ FOR YOUR SIGNATURE & RETURN  
\_\_\_\_\_ FOLLOW THROUGH  
 FOR YOUR INFORMATION & FILING  
\_\_\_\_\_ FOR YOUR APPROVAL & PROCESS  
\_\_\_\_\_ FOR YOUR APPROVAL & RETURN

COMMENTS: Kind of high  
for 60 gals. of water!

Betty



ENVIRONMENTAL SERVICES  
HAZARDOUS WASTE GROUP, INC.

2905 Paine Ave., P.O. Box 1249, Sheboygan, WI 53082-1249  
Phone (414) 458-6030 Fax (414) 452-7254

144

PAGE 1

DATE  
11/18/93

# INVOICE

NUMBER  
20076

COMPLETE  
INVOICE

TO:

WISCONSIN DEPARTMENT OF  
NATURAL RESOURCES  
ATTN: ACCOUNTS PAYABLE  
P.O. BOX 818  
RHINELANDER WI 54501

CUSTOMER 63784

ORIGINAL

NOV 23 1993  
Kausau DNR Office  
Vaucler, Wisconsin

TERMS: 15 DAYS NET: Carrying Charge on overdue accounts at 1-1/2% per month. This is an annual rate of 18% applied to the balance. Minimum overdue charge of 50¢.

DATE	DESCRIPTION	AMOUNT
	PROJECT 22969 PURCHASE ORDER NHD75263	
	THIS IS A COMPLETE INVOICE FOR CHARGES ASSOCIATED WITH DELIVERY OF WATER TO MODRD RESIDENCE IN MONICO, WISCONSIN ON SEPTEMBER 29, 1993 PER DEBBIE PINGEL.	
	LABOR - ER CLERICAL	40.00
	2.00 HOURS @ \$20.000/HOUR	
	LABOR - ER CLERICAL	10.00
	.50 HOURS @ \$20.000/HOUR	
	LABOR - ER CLERICAL AFTER HOURS RATE	231.25
	9.25 HOURS @ \$25.000/HOUR	
	VEHICLES	141.75
	SPRING WATER	60.15
	TOTAL AMOUNT DUE	483.15
	THIS INVOICE HAS BEEN REVIEWED FOR COMPLETENESS AND ACCURACY BY RICHARD BURGARD	
	IF YOU HAVE ANY QUESTIONS PLEASE CALL 1-800-932-6216.	

**Thank You!**

IF NOT PAID VIA VOUCHER, PLEASE RETURN DUPLICATE COPY WITH YOUR PAYMENT.



## Wisconsin Department of Transportation

144

Tommy G. Thompson  
Governor

Charles H. Thompson  
Secretary

**DIVISION OF BUSINESS  
MANAGEMENT**  
4802 Sheboygan Avenue  
P.O. Box 7915  
Madison, WI 53707-7915

November 19, 1993

Marv Laspa  
Wisconsin Department of Transportation  
Highway and Transportation District 7  
Rhinelander, WI 54501

Re: Four Seasons Tavern, Monico, Oneida County, WI

Dear Mr. Laspa:

A phase IV investigation has been completed at the above site. Two underground tanks (approximately 550 gallons) previously abandoned and filled with sand were removed. The soils and groundwater are impacted.

The WI Department of Transportation has an easement to maintain the highway while fee ownership is held by the abutting property owners.

The enclosed report documents the tank removal and the need for further investigation.

If you have any questions regarding this site, please call me at (608) 266-0705.

Sincerely,

A handwritten signature in cursive script that reads "Kevin J. Gehrmann".

Kevin J. Gehrmann  
Risk Manager

cc: Connie Antonuk w/enc

# ECKERT & STINGL

ATTORNEYS AT LAW

158 S. ANDERSON STREET  
P.O. BOX 1247  
RHINELANDER, WI 54501-1247

PLEASE RESPOND TO POST OFFICE BOX

TELEPHONE (715) 369-1624  
FAX (715) 369-1273

PLEASE REFER TO OUR FILE  
NUMBER WHEN RESPONDING

November 15, 1993

144

MICHAEL L. ECKERT  
MICHAEL J. STINGL  
JAMES O. MOERMOND, III\*  
TIMOTHY B. MELMS  
JOHN R. LUND\*\*  
OF COUNSEL  
JOHN A. JANTSCH  
CERTIFIED PARALEGAL  
ANN S. PETERS  
LEGAL ASSISTANT

\* ALSO LICENSED IN COLORADO  
\*\* ALSO LICENSED IN ILLINOIS

Mr. Charles J. Fitzgerald, R.S.  
Wisconsin Department of Natural Resources  
P. O. Box 818  
Rhinelander, WI 54501

RE: **Four Seasons**, Monico, WI  
Michael Modrow  
Our File No. 3448-93

Mr. Fitzgerald:

As you may know, I represent Mr. Michael Modrow with respect to contamination on his property. It is my understanding that there were water sample tests being taken on that property on a monthly basis prior to the benzene contamination being discovered.

Please let me know whether those water tests would have been sufficient to uncover the existence of benzene.

I would also request that the Department of Natural Resources retest the water supply at the Modrow residence and business to verify that in fact the contamination still exists.

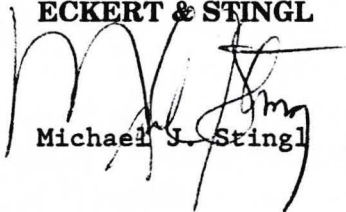
I would also like your opinion as to whether or not the contamination was caused by the extraction of the underground storage tank.

I look forward to hearing from you regarding this.

Thank you.

Very truly yours,

ECKERT & STINGL

  
Michael J. Stingl

MJS:tjk

cc: Mr. Michael Modrow

Dict. 11-11-93

WDOT RIGHT-OF-WAY ADJACENT TO  
FOUR SEASONS TAVERN, 1800 USH 8 EAST,  
MONICO, ONEIDA COUNTY, WISCONSIN

WDOT PROJECT #5095-07-70

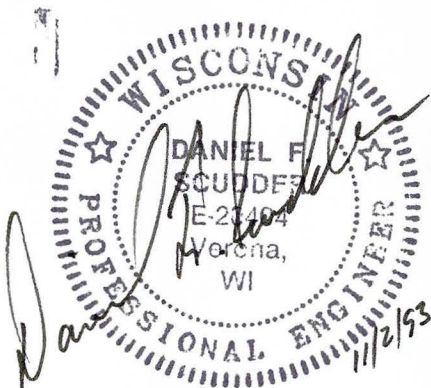
PHASE IV  
UNDERGROUND STORAGE TANK ABANDONMENT  
AND SITE ASSESSMENT REPORT

PREPARED FOR  
WISCONSIN DEPARTMENT OF TRANSPORTATION

PREPARED BY  
RMT, INC.  
744 HEARTLAND TRAIL  
MADISON, WISCONSIN

RMT PROJECT #10482.01

NOVEMBER 1993



Daniel F. Scudder, P.E., C.H.M.M.  
Manager, Environmental Services

*Mark E. La Rowe*  
\_\_\_\_\_  
Mark E. La Rowe  
Project Scientist

*Richard P. Fish*  
\_\_\_\_\_  
Richard P. Fish  
Vice President, Northern Region



RMT, INC. — MADISON  
744 HEARTLAND TRAIL — MADISON, WI — 53717-1934  
P.O. Box 8923 — MADISON, WI — 53708-8923  
608/831-4444 — 608/831-3334 FAX



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## Section 1

### INTRODUCTION

#### 1.1 Background

The Wisconsin Department of Transportation (WDOT) is preparing for highway improvement on United States Highway (USH) 8 and State Trunk Highway (STH) 47 near Monico in Oneida County. The improvements, which will consist of milling existing pavement, raising the grade approximately 5 inches, and adding curb and gutter along selected lengths of highway, are scheduled to begin in the summer of 1994.

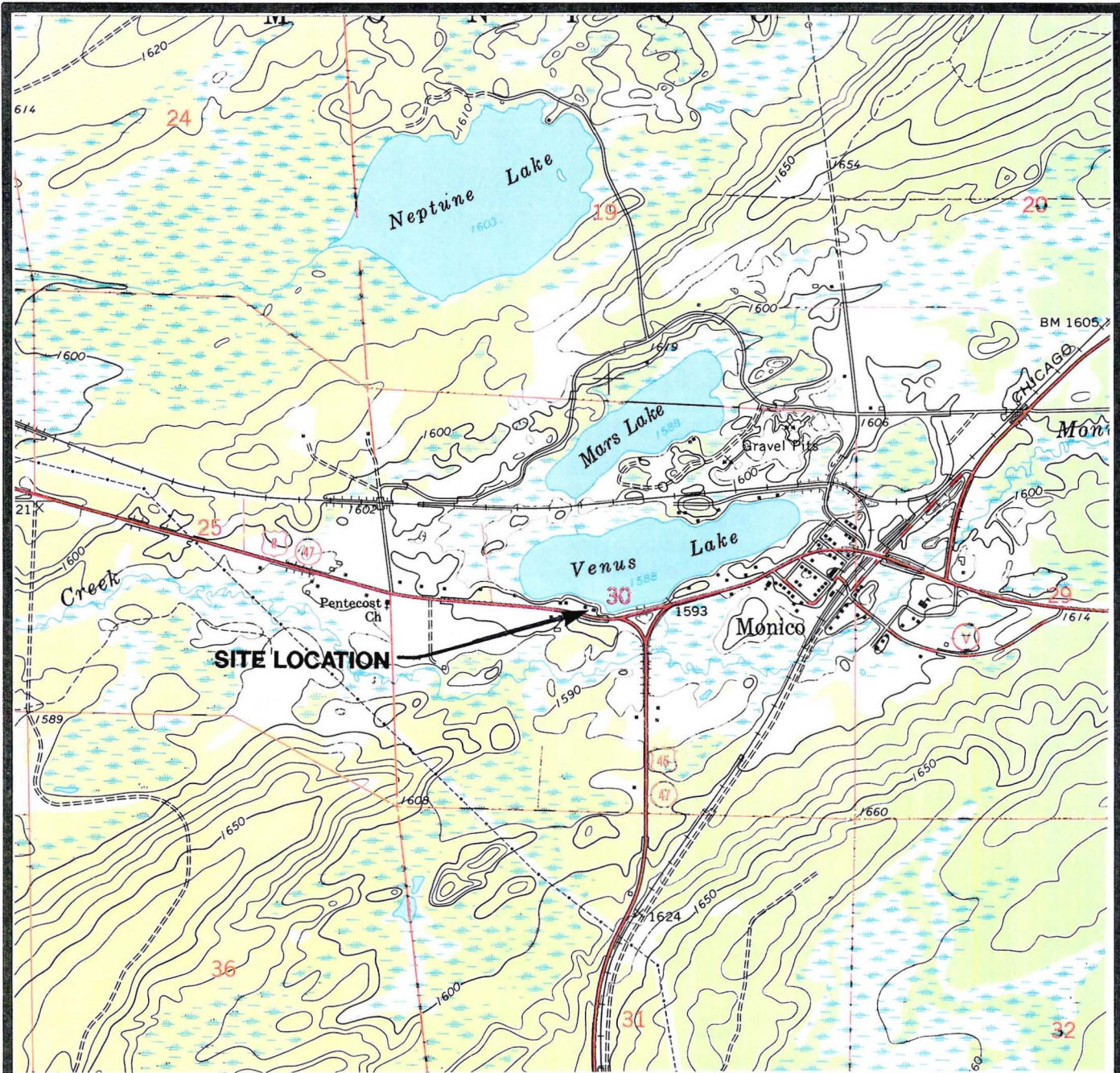
A review of existing right-of-way parcels revealed the possibility that underground storage tanks (USTs) exist beneath WDOT USH 8 and STH 47 right-of-way (ROW). An investigation with a magnetometer, which was conducted by WDOT personnel, revealed an area of strong readings in the ROW adjacent to the Four Seasons Tavern, 1800 USH 8 East, Monico, Wisconsin (SE 1/4, NW 1/4, Section 30, T36N, R11E) (see Figure 1, Site Locator Map). The owners of the Four Seasons Tavern are Michael and Patti Modrow. The Modrows purchased the property from the Crandon National Bank in April 1989. The Crandon National Bank obtained the property from Don and Irene Olson. According to the Modrows, the suspected tanks had been taken out of service prior to their ownership.

The WDOT retained RMT, Inc. (RMT), of Madison, Wisconsin, to conduct further investigation, to abandon any tanks if found, and to assess subsurface conditions.

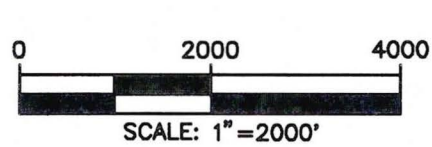
Site activities, which included the discovery and abandonment of two USTs, were conducted during the week of August 23, 1993, by RMT and its subcontractor SGS, Inc. (SGS), of Merrill, Wisconsin.

#### 1.2 Purpose and Scope

The purpose of this report is to present a summary of the tank abandonment activities adjacent to the Four Seasons Tavern in Monico. This report is intended to fulfill the Wisconsin requirements for documentation of tank closure activities, as described in the Wisconsin Closure Assessments for Underground Storage Tanks (Tank Owner's Guide for Underground



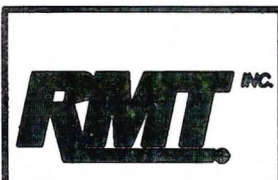
**STATE LOCATION**



**SITE LOCATOR MAP**

**FOUR SEASONS TAVERN  
MONICO, WI**

SOURCE: BASE MAP FROM MONICO, WI.  
7.5 MINUTE USGS QUADRANGLE.



DWN. BY: MDD
APPROVED BY:
DATE: SEPTEMBER 1993
PROJ.# 10482.01
FILE # 0101

**FIGURE 1**

Storage Tanks, State of Wisconsin Department of Industry, Labor and Human Relations, October 1990), and to present the site status as of the date of this report.

RMT's documentation is based on the following:

- Observations and field notes made by RMT's site representative during site activities
- Field-screening of selected soil samples for volatile organic compounds (VOCs) using a photoionization detector (PID)
- Laboratory analysis of soil samples for gasoline range organics (GRO), diesel range organics (DRO), petroleum volatile organic compounds (PVOCs), and compositional lead
- Laboratory analysis of one water sample for volatile organic compounds (VOCs)
- Documentation of tanks and tank waste as provided to RMT by its subcontractors
- Photographic documentation

## Section 2

### FINDINGS AND CONCLUSIONS

#### 2.1 Findings

1. The WDOT maintains USH 8 in Oneida County through a highway easement.
2. Two tanks were discovered during site activities. The tanks were estimated to be 550-gallon containers and were filled with sand. Product inventory records were not available.
3. Impacted soils were encountered beneath the tanks. Laboratory analysis indicated 360 mg/kg of DRO and 470 mg/kg of GRO present in soil below the tanks.
4. A water sample was collected from the Modrow's water supply well and was analyzed by RMT Laboratories for volatile organic compounds by EPA Method 8021. The analysis revealed concentrations of three VOCs that exceeded the Public Health Groundwater Quality Standards as set forth in Wisconsin Administrative Code NR 140. The constituents and their concentrations are as follows: benzene (49  $\mu\text{g/L}$ ); 1,2-dichloroethane (8.4  $\mu\text{g/L}$ ); and 1,2-dibromoethane (2.4  $\mu\text{g/L}$ ).
5. Soils that were encountered during site activities were medium-grained sands. Depth to groundwater is estimated to be 10 to 20 feet below ground surface.
6. An attempt to excavate impacted soils was not conducted due to the proximity of USH 8 and the foundation of the Four Seasons Tavern, as well as the instability of the native soils.

#### 2.2 Conclusions

1. Impacted soils remain on-site. Groundwater quality has been degraded beyond the point allowed under NR 140. The extent of the petroleum release has not been determined.
2. The tanks were located within the WDOT USH 8 and STH 47 right-of-way. Although the WDOT is responsible for highway maintenance on USH 8 through an easement, the underlying ground to the centerline is owned by the owners of the abutting property. Responsibility for the tanks and subsequent remediation at this site is borne by Michael and Patti Modrow.

**Section 3**

**RECOMMENDATIONS**

RMT recommends that further investigation be conducted to define the extent of the petroleum release and to assess potential remedial options.

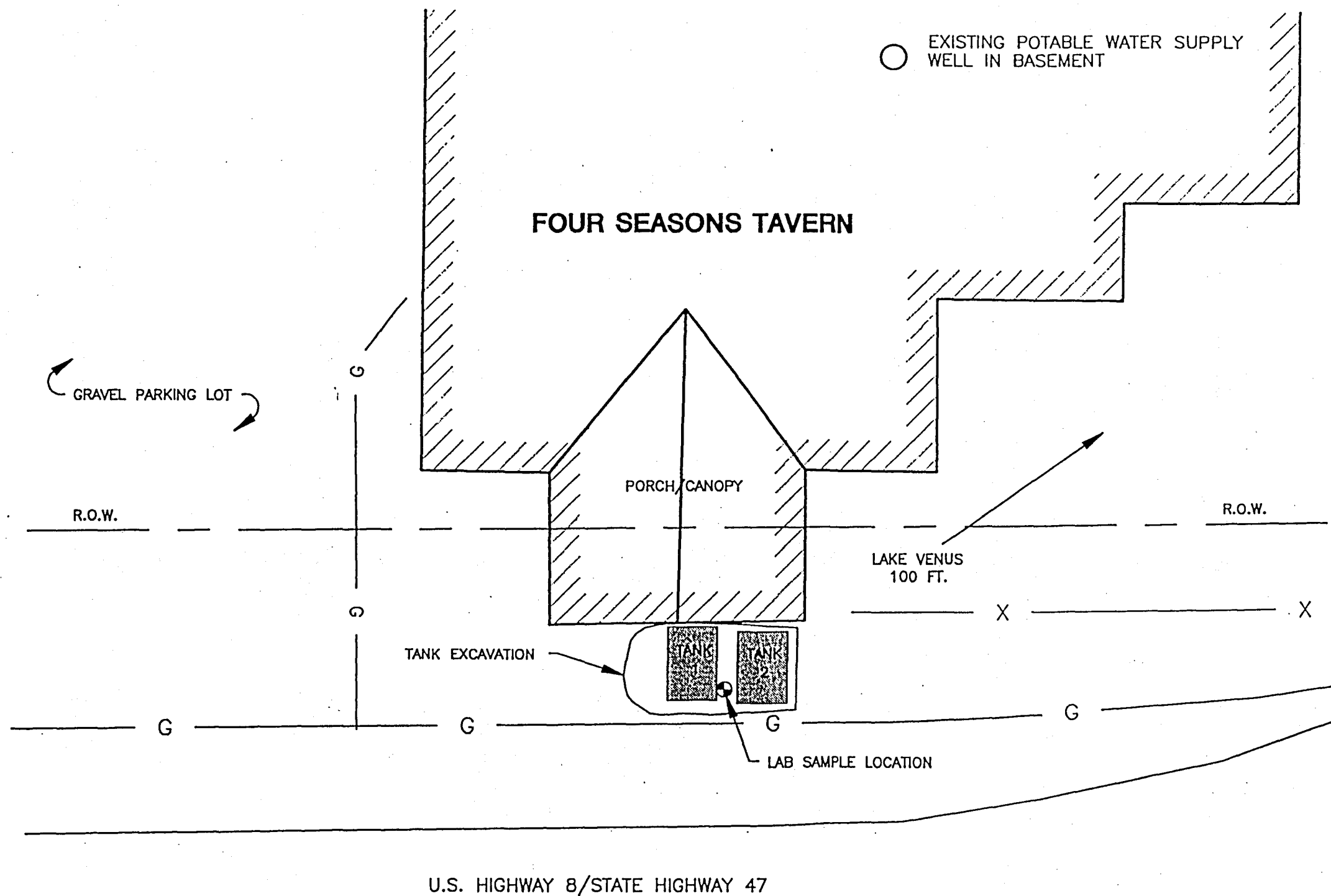
**Section 4**  
**FIELD METHODS AND PROCEDURES**

**4.1 Tank Discoveries and Abandonments**

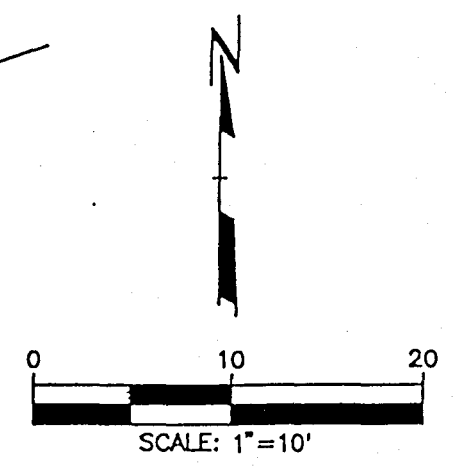
RMT and its subcontractor, SGS, initiated site activities during the week of August 23, 1993. Given the results of the previous work by the WDOT, RMT searched for tanks utilizing backhoe pits. Two tanks were discovered in front of the Four Seasons Tavern within the WDOT right-of-way (see Figure 2, Site Plan). RMT notified the WDILHR Bureau of Petroleum Inspection and Fire Prevention Area 4 Tank Inspector, Robert Bertram, of the tank discoveries. The tank dimensions were 4 feet wide by 6 feet long and were calculated to be 550-gallon containers. The tanks were filled with sand. The tank atmospheres did not exhibit combustible gases above 10 percent of the lower explosive limit (LEL). The tanks were excavated, placed on level ground, and blocked to prevent movement. The tank sand exhibited a petroleum odor. The sand above the bottom 2 inches of the tank was managed as petroleum-impacted soil. The sand contained in the bottom 2 inches was drummed on-site and is being managed as tank sludge. A detailed discussion of tank waste management is included in Section 4.5.

Subsequent to the tank removals, soil samples were collected from the tank bed for field-screening. Field-screening results revealed elevated levels of VOCs in the soil beneath the tanks. A test pit was constructed directly beneath the former tank beds to a depth of 9 feet. Field-screening analysis of soil that was collected at the 9-foot depth also revealed the presence of VOCs. The RMT site representative notified Archie Williams at the WDNR's North Central District Office in Rhinelander of the petroleum release. At this point, it was determined that, due to the physical limitations of the site, continued investigation and remediation by excavation were not feasible. A water sample was collected from the Modrow residence/Four Seasons water supply well to document existing water quality. The well is a 25-foot deep sand point well.

Subsequent to cleaning the tanks, SGS transported the tanks to their shop in Merrill where the tanks will be cut and sold as scrap metal. The tank inventory forms are included in Appendix A.



- LEGEND**
- x — FENCE
  - G — NATURAL GAS PIPELINE
  - - - - RIGHT-OF-WAY
  - ⊕ SOIL SAMPLE LOCATION
  - WATER SUPPLY WELL



**SITE PLAN**  
**WDOT - FOUR SEASONS**

<b>RMI</b> INC.	DWN. BY: RBN
	APPROVED BY:
	DATE: SEPTEMBER 1993
	PROJ. / 10482.01
	FILE / 0102

**FIGURE 2**

DATE: 09/22/93  
 TIME: 12:22:00  
 PROJECT: 10482.01  
 FILE: 0102



#### **4.2 Field-Screening of Soil Samples**

During site activities, three soil samples were collected for field-screening. Screening was conducted to qualify the soil samples for the presence of VOCs. The field-screening process was conducted in conformance with the field instrument techniques described in Site Assessments for Underground Storage Tanks (Wisconsin Department of Natural Resources, September 1992). The soil samples were screened using a Thermo-Environmental Model 580B portable PID equipped with a 10.6-eV lamp.

The instrument was calibrated in the field to an isobutylene standard. The ambient air temperature during site activities ranged between 60°F and 75°F.

The field-screening samples were collected from fresh faces of soil and were placed in 8-ounce glass jars.

The mouths of the screening jars were sealed with aluminum foil and capped. The samples were allowed to equilibrate to the ambient air temperature prior to headspace analysis. Following equilibration, the bottles were gently shaken to release additional vapors into the headspace. The headspace was sampled by inserting the instrument probe through the foil seal, allowing the sample air to be drawn into the instrument. The maximum concentration indicated by the field instrument was recorded in the field notebook. Table 1 contains a summary of field-screening analysis results.

#### **4.3 Collection of Laboratory Samples**

One soil sample was collected from the bottom of the excavation to document existing soil conditions. A soil sample was also collected from the tank sand in order to characterize the material for future disposal/treatment. Additionally, a water sample was collected from the water supply well for the tavern and residence.

Soil samples were collected by first exposing a fresh face of previously undisturbed soil and then placing the soil in the appropriate laboratory container.

The water sample was obtained directly from a spout that was connected to the well/pressure tank piping.

**TABLE 1****SUMMARY OF FIELD-SCREENING RESULTS**

Date	Sample Number	Depth <sup>1</sup> (feet)	Description	PID <sup>2</sup> Results
8/26/93	1	6	South End, Tank 1	116
8/26/93	2	6	South End, Tank 2	261
8/26/93	3	9	Tank Excavation	412

**NOTES:**

<sup>1</sup> The approximate depth was measured from ground surface.

<sup>2</sup> The PID was equipped with a 10.6-eV lamp and was calibrated in the field to an isobutylene standard.

Clean gloves and sample collection tools were used at each sampling point to maintain the integrity of each sample. The sample containers were sealed promptly and were labeled according to the sample point description, the date, and the sample collector's name. The samples were then placed in a cooler with packaged ice.

#### **4.4 Laboratory Analysis**

Laboratory analysis of the samples was conducted by RMT Laboratories of Madison, Wisconsin. Soil analysis was conducted in accordance with the Wisconsin LUST Analytical Guidance (WDNR, April 1992). The water sample was analyzed by EPA Method 8021.

#### **4.5 Tank Waste Management**

Each tank contained approximately 2.25 cubic yards of sand and some residual water. Prior to removing the sand from the tanks, the water was drained from the tanks and placed in DOT-approved 55-gallon drums. Two drums of tank liquids were generated.

The sand contained above the bottom 2 inches of the tank was removed, placed on two layers of plastic, bermed, and covered with another layer of plastic to prevent infiltration of rain or surface water. Permission was obtained from the WDNR's Northcentral District to transport the soil to a location in Forest County where Bacco Construction Company will be thermally treating petroleum-impacted soils from another WDOT project. This soil will also be thermally treated.

An application to Thermally Treat Petroleum-Contaminated Soil (Form 4400-121) is on file with the WDNR district office in Rhinelander.

Tank sand contained in the bottom 2 inches of the tanks was treated as tank sludge and is contained on-site in a DOT-approved 55-gallon drum.

The solid and liquid tank wastes will be managed by Chemical Waste Management of Menomonee Falls, Wisconsin, for the WDOT under a separate contract. Appropriate shipping/disposal manifests will be forwarded to the WDNR by the WDOT.

Section 5  
DISCUSSION OF RESULTS

**5.1 Assessment of Soil and Groundwater Quality**

The soil sample that was collected from beneath the tank beds to document existing soil conditions exhibited a DRO concentration of 360 mg/kg and a GRO concentration of 470 mg/kg. A PVOC analysis of the soil sample revealed elevated levels of each of the seven PVOC constituents. Table 2 contains a summary of laboratory analysis results. Appendix B contains the laboratory data sheets.

A groundwater sample collected from the Four Seasons/Modrow Residence water supply well was analyzed for volatile organic compounds by EPA Method 8021. Analysis results showed three VOCs in exceedance of the WDNR groundwater quality enforcement standards. These constituents and their measured concentrations are benzene (49  $\mu\text{g/L}$ ), 1,2-dichloroethane (8.4  $\mu\text{g/L}$ ), and 1,2-dibromoethane (2.4  $\mu\text{g/L}$ ). The WDNR is conducting further confirmatory analyses on this water supply.

Due to native soil conditions (predominantly medium-grained sands), the plume of petroleum constituents in the unsaturated zone may be limited to a relatively confined horizontal area. However, vertical migration of petroleum constituents has apparently reached the water table. This petroleum release may have caused the degradation of local groundwater as seen in the Modrow well water sample.

Further subsurface investigation will be necessary to assess geologic and hydrologic conditions and to develop potential remedial options.

**5.2 Responsible Party**

The WDOT conducts highway maintenance on USH 8 in Oneida County through a highway easement. Consequently the underlying ground to the centerline of the highway at this site is owned by the Modrows. As a result, the Modrows are responsible for any remediation which may be required by the WDNR.

TABLE 2

SUMMARY OF LABORATORY ANALYSIS RESULTS

Sample Number	Sample Type	Description	Depth	GRO (mg/kg)	DRO (mg/kg)	PVOCs (µg/kg)						Lead (mg/kg)	
						MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	1,3,5-Tri-methylbenzene		1,2,4-Tri-methylbenzene
1	Soil	Tank Excavation	9	470	360	< 520	< 520	< 520	< 520	5,900	< 520	13,000	5.7
2	Soil	Tank Soil	N/A	200	99	< 540	< 540	1,500	1,500	8,900	< 540	7,800	7.2
3	Water <sup>1</sup>	Modrow Well	N/A	*	*	< 1.0	49 <sup>ES</sup>	1.2	8.1	20	< 1.0	3.4	*

NOTES:

- <sup>1</sup> Water results are in µg/L.
- N/A Not applicable.
- \* Not analyzed.
- <sup>ES</sup> Indicates exceedance of the enforcement standard as outlined in NR 140.

**Section 6**  
**PHOTOGRAPHS**



SEARCHING FOR TANKS WITH BACKHOE



TANKS LOCATED ADJACENT TO CONCRETE SLAB





TANK EXCAVATION AND FOUR SEASONS TAVERN



REMOVING SAND FROM TANK



APPENDIX A  
TANK INVENTORY FORMS

# UNDERGROUND PETROLEUM PRODUCT TANK INVENTORY

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

For Office Use Only:  
Tank ID #

Information Required By Sec. 102.142, Wis. Stats.

Underground tanks in Wisconsin that have stored or currently store petroleum or regulated substances must be registered. Please see the reverse side for additional information on this program. An underground storage tank is defined as any tank with at least 10 percent of its total volume (included piping) located below ground level. A separate form is needed for each tank. Send each completed form to the agency designated in the top right corner. Have you previously registered this tank by submitting a form?  YES  NO If yes, are you correcting/updating information only?  Yes  No

This registration applies to a tank that is (check one):			Fire Department Providing Fire Coverage Where Tank Located:	
<input type="checkbox"/> In Use or 1B. <input type="checkbox"/> Newly Installed	4. <input checked="" type="checkbox"/> Closed - Tank Removed	8. <input type="checkbox"/> Changed Ownership	MONICO VOLUNTEERS	
<input type="checkbox"/> Abandoned With Product	6. <input type="checkbox"/> Closed - Filled With Inert Material	(Indicate new owner below)		
3. <input type="checkbox"/> Abandoned No Product (empty) or With Water	7. <input type="checkbox"/> Out of Service - Provide Date: _____			

IDENTIFICATION: (Please Print)

Tank Site Name WDOT RIGHT-OF-WAY	Site Address ADJACENT TO 1800 HWY 8 EAST	Site Telephone No. (NO) PHONE
City MONICO <input checked="" type="checkbox"/> Village	State WI	County ONEIDA
Owner Name (mail sent here unless indicated otherwise in #3 below) WISCONSIN DEPARTMENT OF TRANSPORTATION	Owner Mailing Address (mail sent here unless indicated otherwise in #3) 4802 STEPHAN AVE P.O. 1915	Zip Code 54501
City MADISON <input type="checkbox"/> Village	State WI	County DANE
Alternate Mailing Name If Different Than #2	Alternate Mailing Street Address If Different From #2	
City	State	County

Tank Age (date installed, if known: or years old) UNKNOWN	3. Tank Capacity (gallons) 500	6. Tank Manufacturer's Name (if known) UNKNOWN
TYPE OF USER (check one):		
<input checked="" type="checkbox"/> Gas Station	2. <input type="checkbox"/> Bulk Storage	3. <input type="checkbox"/> Utility
<input type="checkbox"/> Industrial	6. <input type="checkbox"/> Government	7. <input type="checkbox"/> School
9. <input type="checkbox"/> Agricultural	10. <input type="checkbox"/> Other (specify): _____	8. <input type="checkbox"/> Mercantile
		8. <input type="checkbox"/> Residential

TANK CONSTRUCTION:

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

Approval: 1.  Nat'l Std. 2.  UL 3.  Other: UNKNOWN

Is Tank Double Walled?  Yes  No

Spill Containment?  Yes  No

Overflow Protection Provided?  Yes  No If yes, identify type: \_\_\_\_\_

Tank leak detection method: 1.  Automatic tank gauging 2.  Vapor monitoring 3.  Groundwater monitoring 4.  Inventory control and tightness testing 5.  Interstitial monitoring 6.  Not required at present 7.  Manual Tank Gauging (only for tanks of 1,000 gallons or less)

PIPING CONSTRUCTION

<input checked="" type="checkbox"/> Bare Steel	2. <input type="checkbox"/> Cathodically Protected and Coated or Wrapped Steel (A. <input type="checkbox"/> Sacrificial Anodes or B. <input type="checkbox"/> Impressed Current)	3. <input type="checkbox"/> Coated Steel
<input type="checkbox"/> Fiberglass	5. <input type="checkbox"/> Other (specify): _____	9. <input type="checkbox"/> Unknown

Piping System Type: 1.  Pressurized piping with: A.  auto shutoff; B.  alarm; or C.  flow restrictor 2.  Suction piping with check valve at tank

3.  Suction piping with check valve at pump and inspectable

Tank leak detection method: used if pressurized or check valve at tank: 1.  Vapor monitoring 2.  Interstitial monitoring

Groundwater monitoring 4.  Tightness testing 5.  Line Leak Detector 6.  Not Required NONE

Approval: 1.  Nat'l Std. 2.  UL 3.  Other: UNKNOWN

Double Walled:  Yes  No

TANK CONTENTS

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

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

Tank Closed Give Date (mo/day/yr): 8/26/93	Has a site assessment been completed? (see reverse side for details) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
---	---

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

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

Name of Owner or Operator (please print):  
Kevin Gehrmann

Indicate Whether:  
 Owner or  Operator

Nature of Owner or Operator:  
[Signature]

Date Signed:  
[Signature]

# UNDERGROUND PETROLEUM PRODUCT TANK INVENTORY

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

For Office Use Only:  
Tank ID #

Information Required By Sec. 102.142, Wis. Stats.

Underground tanks in Wisconsin that have stored or currently store petroleum or regulated substances must be registered. Please see the reverse side for additional information on this program. An underground storage tank is defined as any tank with at least 10 percent of its total volume (included piping) located below ground level. A separate form is needed for each tank. Send each completed form to the agency designated in the top right corner. Have you previously registered this tank by submitting a form?  YES  NO If yes, are you correcting/updating information only?  Yes  No

This registration applies to a tank that is (check one):			Fire Department Providing Fire Coverage Where Tank Located:	
1A <input type="checkbox"/> In Use or 1B <input type="checkbox"/> Newly Installed	4. <input checked="" type="checkbox"/> Closed - Tank Removed	8. <input type="checkbox"/> Changed Ownership	MONICO VOLUNTEERS	
<input type="checkbox"/> Abandoned With Product	6. <input type="checkbox"/> Closed - Filled With Inert Material	(Indicate new owner below)		
<input type="checkbox"/> Abandoned No Product (empty) or With Water	7. <input type="checkbox"/> Out of Service - Provide Date: _____			

IDENTIFICATION: (Please Print)

Tank Site Name: WOOD RIGHT-OF-WAY Site Address: ADJACENT TO 1800 HWY 8 EAST Site Telephone No.: NO PHONE

City: <u>MONICO</u> <input checked="" type="checkbox"/> Village <input type="checkbox"/> Town of: _____	State: <u>WI</u>	Zip Code: <u>53501</u>	County: <u>ONEIDA</u>
Owner Name (mail sent here unless indicated otherwise in #3 below): <u>WISCONSIN DEPARTMENT OF TRANSPORTATION</u>	Owner Mailing Address (mail sent here unless indicated otherwise in #3): <u>4802 STEEDMAN AVE P.O. BOX 7915</u>		
City: <u>MADISON</u> <input type="checkbox"/> Village <input type="checkbox"/> Town of: _____	State: <u>WI</u>	Zip Code: <u>53707</u>	County: <u>DANE</u>
Alternate Mailing Name if Different Than #2: _____	Alternate Mailing Street Address If Different From #2: _____		
City: _____ <input type="checkbox"/> Village <input type="checkbox"/> Town of: _____	State: _____	Zip Code: _____	County: _____

Tank Age (date installed, if known: or years old): <u>UNKNOWN</u>	5. Tank Capacity (gallons): <u>500</u>	6. Tank Manufacturer's Name (if known): <u>UNKNOWN</u>
---	--	--

B. TYPE OF USER (check one):

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

TANK CONSTRUCTION:

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

Approval: 1.  Nat'l Std. 2.  UL 3.  Other: UNKNOWN

Is Tank Double Walled?  Yes  No

Spill Containment?  Yes  No

Leak detection method: 1.  Automatic tank gauging 2.  Vapor monitoring 3.  Groundwater monitoring 4.  Inventory control and tightness testing 5.  Interstitial monitoring 6.  Not required at present 7.  Manual Tank Gauging (only for tanks of 1,000 gallons or less)

PIPING CONSTRUCTION

<input checked="" type="checkbox"/> Bare Steel	2. <input type="checkbox"/> Cathodically Protected and Coated or Wrapped Steel (A. <input type="checkbox"/> Sacrificial Anodes or B. <input type="checkbox"/> Impressed Current)	3. <input type="checkbox"/> Coated Steel
<input type="checkbox"/> Fiberglass	5. <input type="checkbox"/> Other (specify): _____	9. <input type="checkbox"/> Unknown

Piping System Type: 1.  Pressurized piping with: A.  auto shutoff; B.  alarm; or C.  flow restrictor 2.  Suction piping with check valve at tank 3.  Suction piping with check valve at pump and inspectable

Leak detection method: used if pressurized or check valve at tank: 1.  Vapor monitoring 2.  Interstitial monitoring 3.  Groundwater monitoring 4.  Tightness testing 5.  Line Leak Detector 6.  Not Required NONE

Approval: 1.  Nat'l Std. 2.  UL 3.  Other: UNKNOWN

Double Walled:  Yes  No

TANK CONTENTS

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

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

Tank Closed, Give Date (mo/day/yr): <u>8/26/93</u>	Has a site assessment been completed? (see reverse side for details) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
--	--

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

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

Name of Owner or Operator (please print): Kevin Gehrmann Indicate Whether:  Owner or  Operator

Signature of Owner or Operator: [Signature] Date Signed: [Signature]



APPENDIX B  
CHAIN-OF-CUSTODY FORMS AND LABORATORY DATA SHEETS



**CHAIN OF CUSTODY RECORD**

144 nearland Trail  
Pho (609) 831-7530  
FAX (609) 831-7530

Atlanta, GA  
on R... LA  
Troy, MI

Nashville, TN

Schaumburg, IL

Waukesha, WI

No 037676

Bottles Prepared by: DMP Date/Time: 8/25/93

Project No. 10452.01 Client: WDOT - MONICO

Total Number  
Of Containers

Container Inventory

60ml PL  
40ml vial  
60ml jar  
60ml jar  
60ml jar  
60ml jar  
250ml jar  
MATRIX  
Soil DW

Filtered (Yes/No)  
Preserved (Code)

Code: A - None  
B - HNO3  
C - H2SO4  
D - NaOH  
E - HCl  
F - Methanol

WOTT  
3047 RMT  
Lab NO.

Yr. 93	Date	Time	Sample Station ID	Total Number Of Containers
			Temp b/k	1
			Trip b/k	2
			93 Methanol Trip Blank	2
8/26	2:30		TANK EXC. 9'	8
8/26	3:00		MORRON WELL	3
8/27	11:45		TANK SOIL	8

1	1								
2	2								
2									
2	5								
3	3								
2	5								

Comments:

PID READINGS

412

DW

500

Relinquished by (Sig.) ① <u>Mark E. Malone</u>	Date/Time <u>8/28/93 10:45</u>	Received by (Sig.) ② <u>Walk - In</u>	Date/Time <u>8/28/93 10:45</u>
Relinquished by (Sig.) ③ <u>walkin</u>	Date/Time <u>8/28/93 10:43</u>	Received by (Sig.) ④ <u>walkin</u>	Date/Time <u>8/28/93 10:43</u>
Relinquished by (Sig.) ⑤ <u>walkin</u>	Date/Time <u>8/30/93 8:00 AM</u>	Received by (Sig.) ⑥ <u>Betsy Walzfeld</u>	Date/Time <u>8/30/93 8:00 AM</u>

HAZARDS ASSOCIATED WITH SAMPLES  
PETROLEUM IMPACTED.

(For Lab Use Only)  
Receipt Temp: 2 C  
Receipt pH: NA

Custody Seal Present Absent Seal Intact/Not Intact

Seal #'s

TK 8/30/93

PAGE: 1

CLIENT: WDOT - MONICO  
 SAMPLE #: 3047-005  
 PROJECT #: 10482.01  
 WORK ORDER #: 3047  
 STATION ID: MODROW WELL  
 METHOD: 8021  
 PH : PRESERVED

REPORT DATE: 09/17/93  
 COLLECTION DATE: 08/26/93  
 EXTRACTION DATE:  
 ANALYSIS DATE: 09/09/93  
 WI DNR LAB ID: 113138520

VOLATILE ORGANIC ANALYSIS REPORT

DNR # =====	PARAMETER =====	RESULT =====	METHOD	
			DET. LIMIT =====	UNITS =====
34668	Dichlorodifluoromethane	<2.0	2.0	ug/L
34418	Chloromethane	<1.0	1.0	ug/L
39175	Vinyl chloride	<1.0	1.0	ug/L
34311	Chloroethane	<1.0	1.0	ug/L
34488	Fluorotrichloromethane	<1.0	1.0	ug/L
34501	1,1-Dichloroethene	<1.0	1.0	ug/L
34423	Methylene chloride	<1.0	1.0	ug/L
34546	trans-1,2-Dichloroethene	<1.0	1.0	ug/L
34496	1,1-Dichloroethane	<1.0	1.0	ug/L
77170	2,2-Dichloropropane	<1.0	1.0	ug/L
77093	cis-1,2-Dichloroethene	<1.0	1.0	ug/L
32106	Chloroform	<1.0	1.0	ug/L
34506	1,1,1-Trichloroethane	<1.0	1.0	ug/L
32102	Carbon tetrachloride	<1.0	1.0	ug/L
78032	Methyl-tert-butyl-ether	<1.0	1.0	ug/L
81577	Di-Isopropyl ether	<1.0	1.0	ug/L
32103	1,2-Dichloroethane	8.4	1.0	ug/L
78124	Benzene	49 E	1.0	ug/L
39180	Trichloroethene	<1.0	1.0	ug/L
34541	1,2-Dichloropropane	<1.0	1.0	ug/L
32101	Bromodichloromethane	<1.0	1.0	ug/L
78131	Toluene	1.2	1.0	ug/L
34511	1,1,2-Trichloroethane	<1.0	1.0	ug/L
34475	Tetrachloroethene	<2.0	2.0	ug/L
77173	1,3-Dichloropropane	<1.0	1.0	ug/L
34306	Chlorodibromomethane	<2.0	2.0	ug/L
77651	1,2-Dibromoethane	2.4	1.0	ug/L
34301	Chlorobenzene	<1.0	1.0	ug/L
78113	Ethylbenzene	8.1	1.0	ug/L
81551	Xylene, total	20	3.0	ug/L
77223	Isopropylbenzene	2.9	1.0	ug/L
34516	1,1,2,2-Tetrachloroethane	<2.0	2.0	ug/L
77224	n-Propylbenzene	3.6	1.0	ug/L
81555	Bromobenzene	<1.0	1.0	ug/L
77226	1,3,5-Trimethylbenzene	<1.0	1.0	ug/L
77275	2-Chlorotoluene	<1.0	1.0	ug/L
77277	4-Chlorotoluene	<1.0	1.0	u /L

PAGE: 2

CLIENT: WDOT - MONICO  
 SAMPLE #: 3047-005  
 PROJECT #: 10482.01  
 WORK ORDER #: 3047  
 STATION ID: MODROW WELL  
 METHOD: 8021  
 pH : PRESERVED

REPORT DATE: 09/17/93  
 COLLECTION DATE: 08/26/93  
 EXTRACTION DATE:  
 ANALYSIS DATE: 09/09/93  
 WI DNR LAB ID: 113138520

VOLATILE ORGANIC ANALYSIS REPORT

DNR #	PARAMETER	RESULT	METHOD DET. LIMIT	UNITS
=====	=====	=====	=====	=====
77222	1,2,4-Trimethylbenzene	3.4	1.0	ug/L
77350	sec-Butylbenzene	<1.0	1.0	ug/L
77356	p-Isopropyltoluene	<1.0	1.0	ug/L
34566	1,3-Dichlorobenzene	<1.0	1.0	ug/L
34571	1,4-Dichlorobenzene	<1.0	1.0	ug/L
77342	n-Butylbenzene	4.5	1.0	ug/L
34536	1,2-Dichlorobenzene	<1.0	1.0	ug/L
38437	1,2-Dibromo-3-chloropropane	<1.0	1.0	ug/L
34551	1,2,4-Trichlorobenzene	<1.0	1.0	ug/L
34391	Hexachlorobutadiene	<1.0	1.0	ug/L
34696	Naphthalene	<10	10	ug/L
77613	1,2,3-Trichlorobenzene	<1.0	1.0	ug/L

*Mark A. Mientz* 9/17/93  
 -----  
 Approval Signature

SAMPLE NARRATIVE  
VOLATILE ORGANIC GC ANALYSIS

PROJECT NAME: WDOT-MONICO  
PROJECT NUMBER: 10482.01  
SAMPLE NUMBER(S): 3047-005  
ANALYSIS TYPE: 8021  
DATE: 09/17/93

The initial analysis of sample number 3047-005 resulted in a concentration of 49 ug/L benzene. This level of benzene exceeded the calibration range but was within the linear range of the detector. A 1:5 dilution of the sample was analyzed one day past the 14 day holding time. This reanalysis yielded a concentration of 55 ug/L of benzene which agreed with the initial analysis. The data from the initial analysis were reported.

PAGE: 1

CLIENT: WDOT - MONICO  
SAMPLE #: 3047-004  
PROJECT #: 10482.01  
WORK ORDER #: 3047  
STATION ID: TANK EXC 9'  
METHOD: MOD DRO  
pH : PRESERVED

REPORT DATE: 09/16/93  
COLLECTION DATE: 08/26/93  
EXTRACTION DATE: 09/02/93  
ANALYSIS DATE: 09/03/93  
WI DNR LAB ID: 113138520

MODIFIED DIESEL RANGE ORGANIC REPORT

DNR #	PARAMETER	RESULT	METHOD DET.	LIMIT	UNITS
=====	=====	=====	=====	=====	=====
78919	Fuel Oil #2	360		4.0	mg/kg dry wt

*Joseph Kubal*

9/16/93

Modified Diesel Range Organics

Project Name: WDOT Monico  
Project Number: 10482.01

Sample Numbers: 3047-004, 3047-006

Quality Control:

Daily Calibration Check Standard	:	T071	105%
Replicate Diesel Component Spike (1)	:	RDCS 17	110%
Replicate Diesel Component Spike (2)	:	RDCS 18	93%
Soil Spike Recovery	:	SS 45	67%

Sample Receipt Temp : 7°C

Laboratory Standard: Macro Scientific

**The following codes are used on the analysis reports:**

- DP = Unidentified but detected peaks
- L = Detects in trip blank
- B = Detects in method blank
- V = Heavy hydrocarbon present
- O = Sample odor present
- X = Significant peaks outside the chromatographic window not included in quantitation scheme
- H(n) = Analysis performed "n" days past holding time
- M = Methanol leakage
- Y = Significant peaks within the chromatographic window
- Z = Elevation in chromatographic baseline not included in quantitation scheme

PAGE: 1

CLIENT: WDOT - MONICO  
SAMPLE #: 3047-004  
PROJECT #: 10482.01  
WORK ORDER #: 3047  
STATION ID: TANK EXC 9'  
METHOD: MOD GRO  
pH : PRESERVED

REPORT DATE: 09/14/93  
COLLECTION DATE: 08/26/93  
EXTRACTION DATE:  
ANALYSIS DATE: 09/07/93  
WI DNR LAB ID: 113138520

MODIFIED GASOLINE RANGE ORGANICS REPORT

DNR #	PARAMETER	RESULT	METHOD DET.	LIMIT	UNITS
=====	=====	=====	=====	=====	=====
78920	Gasoline	470 A		5.0	mg/kg dry wt

Laboratory standard used: Macro Scientific

*Mark A. Mautz 9/14/93*

Approval Signature

### LUST Data Qualifier Sheet

- A Sample odor present.
- B(n) Analyte is present in the method blank. If the processes that were applied to the sample were applied to the method blank, the value of the analyte in the method blank would likely be "n".
- C Elevated detection limit (see Sample Narrative).
- DP Unidentified but detected peaks.
- E Analyte concentration exceeds calibration range (see Sample Narrative).
- F Repeated surrogate failure (see Sample Narrative).
- H(n) Analysis performed "n" days past holding time.
- L Detects in trip blank.
- M Methanol leakage.
- P Sample vial used for previous analysis.
- R Relative percent difference high (see Sample Narrative).
- T Retention time variance; analyte identification not confirmed.
- V Heavy hydrocarbon present.
- W Sample received with headspace.
- X Significant peaks outside the chromatographic window included in quantitation scheme.
- Y Significant peaks within the chromatographic window.
- Z Elevation in chromatographic baseline not included in quantitation scheme.



PAGE: 1

CLIENT: WDOT - MONICO  
SAMPLE #: 3047-004  
PROJECT #: 10482.01  
WORK ORDER #: 3047  
STATION ID: TANK EXC 9'  
METHOD: 8020  
pH : UNPRESERVED

REPORT DATE: 09/17/93  
COLLECTION DATE: 08/26/93  
EXTRACTION DATE:  
ANALYSIS DATE: 09/02/93  
WI DNR LAB ID: 113138520

VOLATILE ORGANIC ANALYSIS REPORT

DNR #	PARAMETER	RESULT	METHOD DET. LIMIT	UNITS
=====	=====	=====	=====	=====
78032	Methyl-tert-butyl-ether	<520	1.0	ug/kg dry wt
78124	Benzene	<520	1.0	ug/kg dry wt
78131	Toluene	<520	1.0	ug/kg dry wt
78113	Ethylbenzene	<520	1.0	ug/kg dry wt
81551	Xylene, total	5400	3.0	ug/kg dry wt
77226	1,3,5-Trimethylbenzene	<520	1.0	ug/kg dry wt
77222	1,2,4-Trimethylbenzene	13000	1.0	ug/kg dry wt

Sample odor present. Heavy hydrocarbon present.

*Mark A. Meints* 9/17/93

CLIENT: WDOT - MONICO  
SAMPLE #: 3047-004  
PROJECT #: 10482.01  
WORK ORDER #: 3047  
WI DNR LAB ID: 113138520

REPORT DATE: 09/15/93  
COLLECTION DATE: 08/26/93  
STATION ID: TANK EXC 9'

INORGANIC ANALYSIS REPORT

PARAMETER =====	RESULT =====	UNITS =====
Solids, total	97.0	%
Lead	5.7	mg/kg dry wt.

*Keri Ouel* 9/15/93  
Approval Signature

PAGE: 1

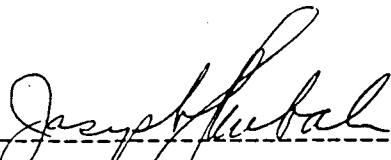
CLIENT: WDOT - MONICO  
SAMPLE #: 3047-006  
PROJECT #: 10482.01  
WORK ORDER #: 3047  
STATION ID: TANK SOIL  
METHOD: MOD DRO  
pH : PRESERVED

REPORT DATE: 09/16/93  
COLLECTION DATE: 08/27/93  
EXTRACTION DATE: 09/02/93  
ANALYSIS DATE: 09/03/93  
WI DNR LAB ID: 113138520

MODIFIED DIESEL RANGE ORGANIC REPORT

<u>DNR #</u>	<u>PARAMETER</u>	<u>RESULT</u>	<u>METHOD</u> <u>DET.</u> <u>LIMIT</u>	<u>UNITS</u>
78919	Fuel Oil #2	99	4.0	mg/kg dry wt

Approval Signature



9/16/93

PAGE: 1

CLIENT: WDOT - MONICO  
SAMPLE #: 3047-006  
PROJECT #: 10482.01  
WORK ORDER #: 3047  
STATION ID: TANK SOIL  
METHOD: MOD GRO  
pH : PRESERVED

REPORT DATE: 09/14/93  
COLLECTION DATE: 08/27/93  
EXTRACTION DATE:  
ANALYSIS DATE: 09/07/93  
WI DNR LAB ID: 113138520

MODIFIED GASOLINE RANGE ORGANICS REPORT

DNR #	PARAMETER	RESULT	METHOD DET.	LIMIT	UNITS
=====	=====	=====	=====	=====	=====
78920	Gasoline	200 A		5.0	mg/kg dry wt

Laboratory standard used: Macro Scientific

*Mark A. M... 8/18/93*

v. s. u e

LUST Data Qualifier Sheet

- A Sample odor present.
- B(n) Analyte is present in the method blank. If the processes that were applied to the sample were applied to the method blank, the value of the analyte in the method blank would likely be "n".
- C Elevated detection limit (see Sample Narrative).
- DP Unidentified but detected peaks.
- E Analyte concentration exceeds calibration range (see Sample Narrative).
- F Repeated surrogate failure (see Sample Narrative).
- H(n) Analysis performed "n" days past holding time.
- L Detects in trip blank.
- M Methanol leakage.
- P Sample vial used for previous analysis.
- R Relative percent difference high (see Sample Narrative).
- T Retention time variance; analyte identification not confirmed.
- V Heavy hydrocarbon present.
- W Sample received with headspace.
- X Significant peaks outside the chromatographic window included in quantitation scheme.
- Y Significant peaks within the chromatographic window.
- Z Elevation in chromatographic baseline not included in quantitation scheme.

PAGE: 1

CLIENT: WDOT - MONICO  
 SAMPLE #: 3047-006  
 PROJECT #: 10482.01  
 WORK ORDER #: 3047  
 STATION ID: TANK SOIL  
 METHOD: 8020  
 pH : UNPRESERVED

REPORT DATE: 09/17/93  
 COLLECTION DATE: 08/27/93  
 EXTRACTION DATE:  
 ANALYSIS DATE: 09/02/93  
 WI DNR LAB ID: 113138520

VOLATILE ORGANIC ANALYSIS REPORT

DNR #	PARAMETER	RESULT	METHOD DET. LIMIT	UNITS
=====	=====	=====	=====	=====
78032	Methyl-tert-butyl-ether	<540	1.0	ug/kg dry wt
78124	Benzene	<540	1.0	ug/kg dry wt
78131	Toluene	1500	1.0	ug/kg dry wt
78113	Ethylbenzene	1500	1.0	ug/kg dry wt
81551	Xylene, total	8900	3.0	ug/kg dry wt
77226	1,3,5-Trimethylbenzene	<540	1.0	ug/kg dry wt
77222	1,2,4-Trimethylbenzene	7800	1.0	ug/kg dry wt

Sample odor present. Heavy hydrocarbon present.

*Mark A. Muehly* 9/17/93

Approval Signature

CLIENT: WDOT - MONICO  
SAMPLE #: 3047-006  
PROJECT #: 10482.01  
WORK ORDER #: 3047  
WI DNR LAB ID: 113138520

REPORT DATE: 09/15/93  
COLLECTION DATE: 08/27/93  
STATION ID: TANK SOIL

INORGANIC ANALYSIS REPORT

PARAMETER =====	RESULT =====	UNITS =====
Solids, total	91.9	%
Lead	7.2	mg/kg dry wt.

*Kevin O'Neil* 9/15/93  
Approval Signature

### LUST Data Qualifier Sheet

- A Sample odor present.
- B(n) Analyte is present in the method blank. If the processes that were applied to the sample were applied to the method blank, the value of the analyte in the method blank would likely be "n".
- C Elevated detection limit (see Sample Narrative).
- DP Unidentified but detected peaks.
- E Analyte concentration exceeds calibration range (see Sample Narrative).
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- Z Elevation in chromatographic baseline not included in quantitation scheme.



PAGE: 1

CLIENT: WDOT - MONICO  
 SAMPLE #: 3047-006  
 PROJECT #: 10482.01  
 WORK ORDER #: 3047  
 STATION ID: TANK SOIL  
 METHOD: 8020  
 pH : UNPRESERVED

REPORT DATE: 09/17/93  
 COLLECTION DATE: 08/27/93  
 EXTRACTION DATE:  
 ANALYSIS DATE: 09/02/93  
 WI DNR LAB ID: 113138520

VOLATILE ORGANIC ANALYSIS REPORT

DNR #	PARAMETER	RESULT	METHOD DET.	LIMIT	UNITS
=====	=====	=====	=====	=====	=====
78032	Methyl-tert-butyl-ether	<540		1.0	ug/kg dry wt
78124	Benzene	<540		1.0	ug/kg dry wt
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77226	1,3,5-Trimethylbenzene	<540		1.0	ug/kg dry wt
77222	1,2,4-Trimethylbenzene	7800		1.0	ug/kg dry wt

Sample odor present. Heavy hydrocarbon present.

*Mark A. Muentz* 9/17/93

Approval Signature

CLIENT: WDOT - MONICO  
SAMPLE #: 3047-006  
PROJECT #: 10482.01  
WORK ORDER #: 3047  
WI DNR LAB ID: 113138520

REPORT DATE: 09/15/93  
COLLECTION DATE: 08/27/93  
STATION ID: TANK SOIL

INORGANIC ANALYSIS REPORT

PARAMETER =====	RESULT =====	UNITS =====
Solids, total	91.9	%
Lead	7.2	mg/kg dry wt.

*Kevin Onda* 9/15/93  
Approval Signature



APPLICATION TO TREAT OR DISPOSE OF PETROLEUM CONTAMINATED SOIL  
ASPHALT PLANT OR OTHER TYPE OF THERMAL TREATMENT UNIT

Form 4400-121

144

This form is required by the Department of Natural Resources for leaking underground storage tank sites (Wis. Adm. Code NR 419). Failure to complete and submit this form may lead to violations of subchapters III and IV of ch. 144 Wis. Stats. and may result in forfeitures of not less than \$10 or more than \$25,000 for each violation, pursuant to ss. 144.426, 144.469, 144.74 (1), and 144.99, Wis. Stats., or fines of not less than \$100 or more than \$150,000 or imprisonment for not more than 10 years, or both, pursuant to s. 144.74 (2), Wis. Stats. Each day of a continuing violation constitutes a separate violation. Department approval of this form is required prior to site remediation, except for soils to be buried in landfills.

ALL SITES MUST COMPLETE PART I.

Part I. Source of Soil

Site/Facility Name  
WDOT RIGHT OF WAY U.S. HIGHWAY 8

Site I.D. # (for DNR use only)

Site Address  
ADJACENT TO FOUR SEASONS TAVERN

Contact Name  
KEVIN GEHRMANN

1800 HWY 8 EAST

1/4, 1/4, Section, Township, and Range

City, State, Zip Code

SW 1/4 NW 1/4 SEC 30 T36N R11E

MONICO, WI 54501

The information on this form is accurate to the best of my knowledge.

Signature  
John M. White

Telephone Number (include area code)

608/266-0705

Consulting Firm  
PMT, INC.

Contact  
MARK LaRONE

Telephone Number  
608/831-4444

Estimated Volume Contaminated Soil  
5 Tons/cubic yards (circle one)

Soil Type (USCS)  
 sand (SP, SW)  
 silty/clayey sands (SM, SC)  
 silt (ML, MH, OL)  
 clay (CI, CH, OH)  
 gravel (GC, GM, GP, GW)  
 peat (PT)

Type of Petroleum Contamination (Circle):

Gasoline  Diesel Fuel #2 Fuel Oil

Other \_\_\_\_\_

Contaminant concentration:

One screened sample per 15 yds<sup>3</sup> and one laboratory analysis per 300 yds<sup>3</sup> of contaminated soil when the PID registers contamination OR one laboratory analysis per 100 yds<sup>3</sup> when the PID does not register contamination on soil shown to be contaminated during the site investigation/excavation or stockpiling. PLEASE ATTACH A TABLE SHOWING THE RESULTS OF BOTH FIELD SCREENING AND ANALYSES, IN ADDITION TO PROVIDING THE FOLLOWING INFORMATION.

Total Benzene in soil to be remediated (attach calculations) 7.56 x 10<sup>-3</sup> lbs

Total Petroleum Hydrocarbons in soil to be remediated (attach calculations) a) 2.8 lbs b) 1.4

Total TPH as a) GASOLINE b) DIESEL

ATTACH EMISSIONS CALCULATIONS

(a/1,000,000) x (2,800 lbs./yd<sup>3</sup>) x b = benzene emission in lbs., where  
 a = benzene concentration of soil sample in ppm or mg/kg dry weight basis  
 b = amount of contaminated soil in yds<sup>3</sup>

NOTE: This calculation can also be used to estimate TPH emissions by substituting TPH concentration (ppm or mg/kg) for "a." It may also be used to calculate VOCs.

Part II: Proposed Treatment Facility

Name of Plant: **BALLO CONSTRUCTION COMPANY**

Plant number and Model

**PLANT # 25 - Long Lake, MI**

**CAT PVM 2500**

Contact: **JOHN FORTIER**

DNR Facility I.D. No.

**999485410**

Address: **N 3660 NORTH US-2 P.O. Box 458**

Distance to Nearest Residence/Business

**IRON MOUNTAIN MICHIGAN 49801**

**100 YARDS**

LEAVE BLANK - DEPARTMENT OF NATURAL RESOURCES USE ONLY

Application Concurrence:

**Air Mgmt Engineer**

Air Management:

**B.A. Patel, Biren Patel**

Date

**11-15-93**

Project Manager

Date

**11-15-93**

Comments:

**3/19 400T of 272 400 400**

**10002 1W, 10002**

THIS SECTION TO BE COMPLETED BY THE ASPHALT/THERMAL UNIT PROCESSING THE CONTAMINATED SOIL AFTER PROCESSING IS COMPLETED

Part III

WDNR Air Quality permit Number

Actual Volume of Soil Treated (tons/cubic yards)

Date of transport to plant

Date of treatment

Transporter Name

Transporter License Number

Circle One:

Roasted and Incorporated

Roasted Only

Total Benzene emissions in pounds for this batch (apply 50% destruction factor if no after burner is used)

Benzene emissions to date for this plant (including this batch) for this calendar year

Signature of Treatment plant representative

Telephone Number at Plant

POST BURN SAMPLE RESULTS: COMPLETE ONLY FOR SOILS NOT INCORPORATED!

(One representative sample for each 100 cubic yards-not composites)

Sample Number

TPH

DNR APPROVAL IS REQUIRED BEFORE USING AS COMMON FILL.

Date of backfilling or use as common fill

Location of fill site

**1/4 1/4 S T B**

DIRECTIONS: 1) Complete parts I and II. 2) Submit the application to the DNR project manager for approval. 3) Have the treatment facility complete part III of the approved form after the soil has been treated. 4) Return the ORIGINAL form to the DNR project manager. 5) Keep a copy for your files.

# PHONE CONVERSATION RECORD

DATE: 9/29/93  
TIME: 1:55

CONVERSED WITH: E & K Hazardous Waste Services  
Rick Berg  
800/688-4005

SUBJECT/PROJECT: 4 Seasons Bar 715/487-5605  
1800 Hwy 8 East  
Monico, WI 54549 Patty Modrow

UNIQUE ID#.: \_\_\_\_\_

Contacted E & K to provide bottled water to the 4 Seasons Bar under the

Rick Berg called back 2:30 - talked w/ the Modrow's - did not understand separation between providing for the home & the business. Explained that ~~we~~ we are unable to provide the service to the business.

Rick also needed a purchase order - told him I would talk w/ purchasing & get that worked out.

Spoke with Tom Wingquist & he is taking care of the purchase order number. Will call Berg with that information.

Signature: Heborah A. Penzel  
(please write legibly)

10/26/93 - Effective today cancelled E & K response on this project. Spoke w/ Rick Berg @ E & K to initiate completion of their response actions.  
A Penzel 10/26/93

Deb Pingel - Wausau

144

**LUST TRUST FUND CASE SUMMARY: EMERGENCY RESPONSE**

**SITE NAME:**

Four Seasons Bar

**LOCATION/DISTRICT:**

(municipality, county, district)

1800 Highway 8 East  
Monico, WI 54549  
Oneida County, NCD

**APPROXIMATE DOLLARS COMMITTED:**

**APPROXIMATE DOLLARS SPENT:**

**SITE DESCRIPTION:**

(wells contaminated, vapor levels, etc.)

RECEIVED  
Wis. Dept. of Natural Resources  
SEP 30 1993  
N. C. Dist. Hdqtrs.  
RHINELANDER, WI

The private well that serves both the home and the bar at this address was determined to be contaminated after a DOT investigation identified underground storage tanks in the right-of-way. Samples were requested from Water Supply to determine the status of the home well. This confirmed the presence of benzene in the well water. The owner of the home requested we provide bottled water for the private residence on September 24, 1993. The owner was notified that they will be required to reimburse the Department if they are determined to be the source of the contamination.

**ASSIGNED STAFF:**

None at this time

**CONSULTANT:**

None

**ACTIONS TAKEN TO DATE:**

(PRP investigation, alternate water supply, etc.)

<u>Date</u>	<u>Action</u>
9/29/93	Bottled water requested through the zone contractor.

**ACTIONS NEEDED:**

Additional investigation is needed to determine ownership of the tanks that were discovered in the right-of-way in order to better determine the responsible party. DOT appears to be very willing to cooperate in this matter and has volunteered to install a new well for the bar if this is a possibility.

OT 14 1993  
Wausau DNR Off  
Wausau, Wiscom

DATE: 9/29/93

FILE REF: 9300

TO: Renee Sanford, Solid Waste Management Accountant, FN/1

FROM: Deb Pingel, Wausau

SUBJECT: Creation of New Spill or LUST PMN/Time Code

Please validate the following PMN and time code: SP \_\_\_ / LU \_\_\_

The title should be:

SPILL \_\_\_\_\_  
\_\_\_\_\_

LUST 4 SEASONS BAR, MONICO, WISCONSIN  
N \_\_\_\_\_

The effective date should be (month) September (year) 93.

cc: Laurie Egge, LUST PMN's only, SW/3  
Kim McCutcheon, Spill PMN's only, SW/3  
Bill Dobbins, Rhinelander



**Bottled Water Form**

**Site Name:**

4 Seasons Bar, Monaco

**Pmn:**

.LU732

**No. of Residences  
Receiving Water:**

1

**Bulk or Bottled  
Water:**

Bottled

**Month and Year  
Started:**

9/93



## Wisconsin Department of Transportation

Tommy G. Thompson  
Governor

Charles H. Thompson  
Secretary

**DIVISION OF BUSINESS  
MANAGEMENT**  
4802 Sheboygan Avenue  
P.O. Box 7915  
Madison, WI 53707-7915

October 10, 1993

Mr. Archie Wilson *Amw*  
WI. Department of Natural Resources  
North Central District  
P. O. Box 818  
Rhineland, WI 54501

144

Re: Four Seasons Tavern - Monico

Dear Mr. Wilson:

The Wisconsin Department of Transportation (WDOT) during a routine site visit discovered an encroachment on United States Highway # 8 at the Four Seasons Tavern. This encroachment consisted of a porch and an underground storage tank (UST).

In discussions with the property owners, Michael and Patti Modrow, it was agreed that the property owners would remove the porch encroachment and that the WDOT would remove the UST. It was further agreed that the removal of the tank did not in any way bind the WDOT to further work that may be dictated by contamination found as a result of the removal.

As you know, the removal resulted in the identification of contaminated soils and groundwater. As a precautionary measure, the Modrow private well was also sampled and determined to be impacted by the contamination. Your office was immediately notified you took appropriate action to confirm those results.

We have reviewed the ownership history of this site and have determined that the WDOT, through Oneida County, has a easement for the purpose of maintaining this highway. This being the case, the underlying ground to the centerline of the highway is owned by the abutting property owners. We have met with the Modrow's to inform them that of their responsibility for the contamination and that we would assist them in any way we could to assure the speedy remediation of this site.

Rec'd NCD  
10/19/93  
Amw

October 10, 1993  
Page 2

Upon submission of the tank abandonment report to your office, WDOTs will close its file. If you have any questions, please feel free to contact me at (608)266-0705.

Sincerely,



Kevin J. Gehrmann  
Risk Manager

KG:kjg

cc: Michael and Patti Modrow  
1800 USH 8 East  
Monico, WI 54501

Dennis Brock  
Ron Felkowski  
Richard Fish



# Wisconsin Department of Transportation

Tommy G. Thompson  
Governor

Charles H. Thompson  
Secretary

DIVISION OF BUSINESS  
MANAGEMENT  
4802 Sheboygan Avenue  
P.O. Box 7915  
Madison, WI 53707-7915

October 10, 1993

Mr. Archie Wilson  
WI. Department of Natural Resources  
North Central District  
P. O. Box 818  
Rhineland, WI 54501

→ Connie Antonuk  
  
LUST case  
follow-up  
  
Archie

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144

October 10, 1993

Page 2

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Sincerely,

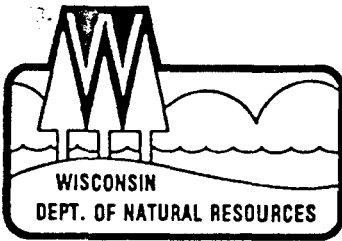
A handwritten signature in cursive script, appearing to read "Kevin J. Gehrman".

Kevin J. Gehrman  
Risk Manager

KG:kjg

cc: Michael and Patti Modrow  
1800 USH 8 East  
Monico, WI 54501

Dennis Brock  
Ron Felkowski  
Richard Fish



George E. Meyer  
Secretary

## State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

North Central District Headquarters  
Box 818  
Rhinelander, Wisconsin 54501  
TELEPHONE 715-369-8900  
TELEFAX 715-369-8932

144

October 19, 1993

3310  
FID #744064420

Mr. Michael Modrow  
1800 Highway 8 East  
Rhinelander, Wisconsin 54501-8506

Subject: Health Advisory - Water Supply Contamination  
Volatile Organic Chemicals  
Notice of Non-Compliance NR 809

Dear Mr. Modrow:

On September 21, 1993, I obtained a sample of the water supply serving your home and the Four Seasons Tavern located at 1800 Highway 8 East in the SE $\frac{1}{4}$  NW $\frac{1}{4}$ , Section 30, T36N, R11E, Town of Monico, Oneida County, Wisconsin. The purpose of obtaining this sample was to determine if the water supply had become contaminated with volatile organic chemicals. These chemicals are man-made compounds and are found in such items as paints, solvents, thinners, degreasers and particularly petroleum products.

The results of the analysis of the water sample (copy enclosed) indicates the water supply appears to be contaminated by petroleum products. The levels of contamination for the compound benzene exceeds the maximum contaminant level allowed by the Federal Safe Drinking Water Act and NR 809, the Safe Drinking Code for the State of Wisconsin. The attached table lists the compounds detected and the health advisory levels specified, where applicable.

As a public, non-community water supply, you will be required to take a number of actions, specifically:

1. Immediately post the enclosed signs at any places of consumption, not under the direct control of the operators of the facility, such as the washrooms.
2. Bottled water or an alternative water supply source must be provided for all water used for human consumption situations, such as ice making, cooking, drink mixing, etc.
3. You will be required to be in the process to obtain a contaminant-free water supply for your facility. Actions to obtain a contaminant-free water supply could include the following situations:

- a. Water supply treatment - The State of Wisconsin does have a number of units which have been approved to treat contamination of this type. Unfortunately, after evaluating your water supply well and pump, it is doubtful that any of the approved units could be installed on the existing system.
- b. Obtain an uncontaminated water supply by attempting to drill a new water supply well someplace in the vicinity. Complications on this approach include the present lack of definition of the degree of contamination and the geology of the area which may make it extremely difficult to get an adequate water supply in the immediate vicinity of your place of business. Please be aware, it may be necessary to construct a new water supply well and pumping system in order to facilitate the installation of an approved treatment device.

NOTE: Prior to construction of a new water supply well, it is strongly recommended the Department be contacted in regard to location and construction specifications.

The Wisconsin Department of Natural Resources is also advising you and your family not to consume this water supply. It is my understanding bottled water is being provided by the Department for your personal use. Because of the level of contamination, you do qualify for the State of Wisconsin Well Compensation Program, provided you meet the specified income limitations. Enclosed is literature regarding the Well Compensation Program and the forms necessary to begin the process of applying for a State of Wisconsin Well Compensation Program Grant. I would urge you to complete the enclosed forms as soon as possible in order to facilitate the grant process and to assist you in obtaining a safe water supply as soon as practicable.

Should you have any questions regarding this situation, please feel free to contact me at the District Office.

Sincerely,



Charles J. Fitzgerald, R.S.  
District Sanitarian

CJF:da

Enc.

cc: Michael Stingl, Eckart & Stingl, Attorneys at Law, P.O. Box 1247,  
Rhineland, WI 54501-1247  
Terri Timmers, Reg. Dir., Bureau of Public Health, 1853 N. Stevens St.,  
Rhineland, WI 54501  
Public Water Supply Section, WS/2

Water Supply Analysis  
Volatile Organic Chemicals

Four Seasons Tavern

Sample Date: 9/21/93

<u>Compound Detected</u>	<u>Level Detected</u>	<u>HAL<sup>1</sup></u>
Benzene	34 ug/l <sup>2</sup>	5.0 ug/l
1,2-Dichloroethane	3.0 ug/l	5.0 ug/l
Ethylbenzene	3.0 ug/l	700 ug/l
Isopropylbenzene	1.2 ug/l	NA <sup>3</sup>
Naphthalene	4.2 ug/l	NA
N-Propylbenzene	1.2 ug/l	NA
1,2,4-Trimethylbenzene	.7 ug/l	NA
1,2,5-Trimethylbenzene	.7 ug/l	NA
Xylenes	5.2 ug/l	620 ug/l

<sup>1</sup> HAL - Health Advisory Level - maximum allowable level specified by the Wisconsin Department of Health and Social Services and the U.S. Environmental Protection Agency.

<sup>2</sup> ug/l - Micrograms per liter = parts per billion = ppb

<sup>3</sup> NA - No health advisory level (HAL) specified.



State Laboratory of Hygiene  
University of Wisconsin Center for Health Sciences  
465 Henry Mall, Madison, WI 53706

R.H. Laessig, Ph.D., Director S.L. Inhorn, M.D., Medical Director

Environmental Science Section (608) 262-2797 DNR LAB ID 113133790  
Organic chemistry (#2 of 3 on 10/12/93, unseen)

Id: FF863 Point/Well/...: 001 Field #: 001 Route: WS70  
Collection Date: 09/21/93 Time: 14:00 County: 44 (Oneida)  
From: FOUR SEASONS, HWY 8, MONICO  
Description: KITCHEN FAUCET  
To: DNR - CHARLES FITZGERALD Type: DI  
P.O. BOX 818 Source: Non community  
RHINELANDER, WI 54501  
Account number: WS052 Collected by: CHARLES FITZGERALD  
Date Received: 09/22/93 Labslip #: OE000684 Reported: 10/11/93

---- test: GCMS VOC SCAN BY HEADSPACE - WATER

ACETONE	<5.0	UG/L #1
ALLYL CHLORIDE	<5.0	UG/L #1
BENZENE	+ >0.50	UG/L #1
BROMOBENZENE	<0.50	UG/L #1
BROMOCHLOROMETHANE	<0.50	UG/L #1
BROMODICHLOROMETHANE	<0.50	UG/L #1
BROMOFORM	<0.50	UG/L #1
BROMOMETHANE	<0.50	UG/L #1
N-BUTYLBENZENE	<0.50	UG/L #1
SEC-BUTYLBENZENE	<0.50	UG/L #1
TERT-BUTYLBENZENE	<0.50	UG/L #1
CARBON DISULFIDE	<5.0	UG/L #1
CARBON TETRACHLORIDE	<0.50	UG/L #1
CHLOROBENZENE	<0.50	UG/L #1
CHLOROETHANE	<0.50	UG/L #1
2-CHLOROETHYLVINYL ETHER	<5.0	UG/L #1
CHLOROFORM	<0.50	UG/L #1
2-CHLOROTOLUENE	<0.50	UG/L #1
4-CHLOROTOLUENE	<0.50	UG/L #1
DIBROMOCHLOROMETHANE	<0.50	UG/L #1
1,2-DIBROMO-3-CHLOROPROPANE	<5.0	UG/L #1
1,2-DIBROMOETHANE (EDB)	<0.50	UG/L #1
DIBROMOMETHANE	<0.50	UG/L #1
1,2-DICHLOROBENZENE	<0.50	UG/L #1
1,3-DICHLOROBENZENE	<0.50	UG/L #1
1,4-DICHLOROBENZENE	<0.50	UG/L #1
1,1-DICHLOROETHANE	<0.50	UG/L #1
1,2-DICHLOROETHANE	+ >0.50	UG/L #1
1,1-DICHLOROETHYLENE	<0.50	UG/L #1
CIS-1,2-DICHLOROETHYLENE	<0.50	UG/L #1

State Laboratory of Hygiene  
University of Wisconsin Center for Health Sciences  
465 Henry Mall, Madison, WI 53706

R.H. Laessig, Ph.D., Director S.L. Inhorn, M.D., Medical Director

Environmental Science Section (608) 262-2797 DNR LAB ID 113133790  
... continuing Labslip # OE000684, Field # 001

*→ Ron Falkowski 144*

TRANS-1,2-DICHLOROETHYLENE	<0.50	UG/L #1
1,2-DICHLOROPROPANE	<0.50	UG/L #1
1,3-DICHLOROPROPANE	<0.50	UG/L #1
2,2-DICHLOROPROPANE	<0.50	UG/L #1
1,1-DICHLOROPROPENE	<0.50	UG/L #1
CIS-1,3-DICHLOROPROPENE	<0.50	UG/L #1
TRANS-1,3-DICHLOROPROPENE	<0.50	UG/L #1
ETHYLBENZENE	+ >0.50	UG/L #1
HEXACHLOROBUTADIENE	<0.50	UG/L #1
HEXACHLOROETHANE	<5.0	UG/L #1
2-HEXANONE	<5.0	UG/L #1
ISOPROPYLETHER	<5.0	UG/L #1
ISOPROPYLBENZENE	+ >0.50	UG/L #1
P-ISOPROPYLTOLUENE	<0.50	UG/L #1
METHYLENE CHLORIDE	<0.50	UG/L #1
METHYL ETHYL KETONE	<5.0	UG/L #1
METHYLIODIDE	<5.0	UG/L #1
METHYLMETHACRYLATE	<5.0	UG/L #1
4-METHYL-2-PENTANONE	<5.0	UG/L #1
METHYL-TERT-BUTYL ETHER	<5.0	UG/L #1
NAPHTHALENE	+ >0.50	UG/L #1
N-PROPYLBENZENE	+ >0.50	UG/L #1
STYRENE	<0.50	UG/L #1
1,1,1,2-TETRACHLOROETHANE	<0.50	UG/L #1
1,1,2,2-TETRACHLOROETHANE	<0.50	UG/L #1
TETRACHLOROETHYLENE	<0.50	UG/L #1
TETRAHYDROFURAN	<5.0	UG/L #1
TOLUENE	<0.50	UG/L #1
1,2,3-TRICHLOROBENZENE	<0.50	UG/L #1
1,2,4-TRICHLOROBENZENE	<0.50	UG/L #1
1,1,1-TRICHLOROETHANE	<0.50	UG/L #1
1,1,2-TRICHLOROETHANE	<0.50	UG/L #1
TRICHLOROETHYLENE	<0.50	UG/L #1
TRICHLOROFLUOROMETHANE	<0.50	UG/L #1
1,2,3-TRICHLOROPROPANE	<0.50	UG/L #1
TRICHLOROTRIFLUOROETHANE	<5.0	UG/L #1
1,2,4-TRIMETHYLBENZENE	+ >0.50	UG/L #1
1,3,5-TRIMETHYLBENZENE	+ >0.50	UG/L #1
VINYL ACETATE	<5.0	UG/L #1
VINYL CHLORIDE	<0.50	UG/L #1
M/P-XYLENE	+ >0.50	UG/L #1
O-XYLENE	+ >0.50	UG/L #1

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Environmental Science Section (608) 262-2797 DNR LAB ID 113133790  
... continuing Lab slip # OE000684, Field # 001

---- test: TEMPERATURE - 0950

TEMPERATURE 16 C

---- test: VOCs IN WATER BY PURGE AND TRAP - EPA METHOD 8021

ACETONE	ND (LOD=5.0 UG/L)
ALLYL CHLORIDE	ND (LOD=5.0 UG/L)
BENZENE	+ 34. UG/L
BROMOBENZENE	ND (LOD=0.50 UG/L)
BROMOCHLOROMETHANE	ND (LOD=0.50 UG/L)
BROMODICHLOROMETHANE	ND (LOD=0.50 UG/L)
BROMOFORM	ND (LOD=0.50 UG/L)
BROMOMETHANE	ND (LOD=0.50 UG/L)
N-BUTYLBENZENE	ND (LOD=0.50 UG/L)
SEC-BUTYLBENZENE	ND (LOD=0.50 UG/L)
TERT-BUTYLBENZENE	ND (LOD=0.50 UG/L)
CARBON DISULFIDE	ND (LOD=5.0 UG/L)
CARBON TETRACHLORIDE	ND (LOD=0.50 UG/L)
CHLOROENZENE	ND (LOD=0.50 UG/L)
CHLOROETHANE	ND (LOD=0.50 UG/L)
2-CHLOROETHYL VINYL ETHER	ND (LOD=5.0 UG/L)
CHLOROFORM	ND (LOD=5.0 UG/L)
2-CHLOROTOLUENE	ND (LOD=0.50 UG/L)
4-CHLOROTOLUENE	ND (LOD=0.50 UG/L)
DIBROMOCHLOROMETHANE	ND (LOD=0.50 UG/L)
1,2-DIBROMO-3-CHLOROPROPANE	ND (LOD=5.0 UG/L)
1,2-DIBROMOETHANE (EDB)	ND (LOD=0.50 UG/L)
DIBROMOMETHANE	ND (LOD=0.50 UG/L)
1,2-DICHLOROENZENE	ND (LOD=0.50 UG/L)
1,3-DICHLOROENZENE	ND (LOD=0.50 UG/L)
1,4-DICHLOROENZENE	ND (LOD=0.50 UG/L)
1,1-DICHLOROETHANE	ND (LOD=0.50 UG/L)
1,2-DICHLOROETHANE	+ 3.0 UG/L
1,1-DICHLOROETHYLENE	ND (LOD=0.50 UG/L)
CIS-1,2-DICHLOROETHYLENE	ND (LOD=0.50 UG/L)
TRANS-1,2-DICHLOROETHYLENE	ND (LOD=0.50 UG/L)
1,2-DICHLOROPROPANE	ND (LOD=0.50 UG/L)
1,3-DICHLOROPROPANE	ND (LOD=0.50 UG/L)
2,2-DICHLOROPROPANE	ND (LOD=0.50 UG/L)
1,1-DICHLOROPROPENE	ND (LOD=0.50 UG/L)
CIS-1,3-DICHLOROPROPENE	ND (LOD=0.50 UG/L)
TRANS-1,3-DICHLOROPROPENE	ND (LOD=0.50 UG/L)
ETHYLBENZENE	+ 3.0 UG/L
HEXACHLOROBUTADIENE	ND (LOD=0.50 UG/L)
HEXACHLOROETHANE	ND (LOD=5.0 UG/L)

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Environmental Science Section (608) 262-2797 DNR LAB ID 113133790  
... continuing Lab slip # OE000684, Field # 001

2-HEXANONE	ND (LOD=5.0 UG/L)
ISOPROPYLETHER	ND (LOD=5.0 UG/L)
ISOPROPYLBENZENE	+ 1.2 UG/L
detected between 0.50 (LOD) and 1.5 (LOQ) UG/L	
P-ISOPROPYLTOLUENE	ND (LOD=0.50 UG/L)
METHYLENE CHLORIDE	ND (LOD=0.50 UG/L)
METHYL ETHYL KETONE	ND (LOD=5.0 UG/L)
METHYLIODIDE	ND (LOD=5.0 UG/L)
METHYLMETHACRYLATE	ND (LOD=5.0 UG/L)
4-METHYL-2-PENTANONE	ND (LOD=5.0 UG/L)
METHYL-TERT-BUTYL ETHER	ND (LOD=5.0 UG/L)
NAPHTHALENE	+ 4.2 UG/L
N-PROPYLBENZENE	+ 1.2 UG/L
detected between 0.50 (LOD) and 1.5 (LOQ) UG/L	
STYRENE	ND (LOD=0.50 UG/L)
1,1,1,2-TETRACHLOROETHANE	ND (LOD=5.0 UG/L)
1,1,2,2-TETRACHLOROETHANE	ND (LOD=0.50 UG/L)
TETRACHLOROETHYLENE	ND (LOD=0.50 UG/L)
TETRAHYDROFURAN	ND (LOD=5.0 UG/L)
TOLUENE	ND (LOD=0.50 UG/L)
1,2,3-TRICHLOROENZENE	ND (LOD=0.50 UG/L)
1,2,4-TRICHLOROENZENE	ND (LOD=0.50 UG/L)
1,1,1-TRICHLOROETHANE	ND (LOD=0.50 UG/L)
1,1,2-TRICHLOROETHANE	ND (LOD=0.50 UG/L)
TRICHLOROETHYLENE	ND (LOD=0.50 UG/L)
TRICHLOROFLUOROMETHANE	ND (LOD=0.50 UG/L)
1,2,3-TRICHLOROPROPANE	ND (LOD=0.50 UG/L)
TRICHLOROTRIFLUOROETHANE	ND (LOD=5.0 UG/L)
1,2,4-TRIMETHYLBENZENE	+ 0.70 UG/L
detected between 0.50 (LOD) and 1.5 (LOQ) UG/L	
1,3,5-TRIMETHYLBENZENE	+ 0.70 UG/L
detected between 0.50 (LOD) and 1.5 (LOQ) UG/L	
VINYL ACETATE	ND (LOD=5.0 UG/L)
VINYL CHLORIDE	ND (LOD=0.50 UG/L)
M/P-XYLENE	+ 2.8 UG/L
O-XYLENE	+ 2.4 UG/L
VOCs IN WATER BY PURGE & TRAP-PREP-EPA METHOD 8021	C
GCMS PREP : WATER	C

--- Footnotes ---

+: Positive results are prefixed by a plus sign.

Remark #1: SEE OE000684.MM1

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465 Henry Mall, Madison, WI 53706

R.H. Laessig, Ph.D., Director

S.L. Inhorn, M.D., Medical Director

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Environmental Science Section (608) 262-2797 DNR LAB ID 113133790  
... continuing Labslip # OE000684, Field # 001

Memo for OE000684

--- OE000684.MM1/1 - GCMS VOC SCAN BY HEADSPACE - WATER ---

State Laboratory of Hygiene sample OE000684 may contain the compounds listed below according to tentative computer identification from gas chromatography/mass spectroscopy analysis. The concentration of contaminants could not be determined, nor has the presence of the compounds been confirmed by alternative analysis techniques.

alkylated benzenes and other hydrocarbons

If you have any questions, contact David Degenhardt at (608) 262-2797.



## Wisconsin Department of Transportation

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TRANSPORTATION DISTRICT 7  
Hanson Lake Road  
P. O. Box 777  
Rhineland, WI 54501-0777

October 18, 1993

Telephone (715) 362-3490  
FAX (715) 369-5778

Atty. Michael Stingl  
Eckert & Stingl  
P. O. Box 1247  
Rhineland, WI 54501

SUBJECT: Project 1595-07-00  
Lake George-Monico  
USH 8  
Oneida County

In 1929, a highway easement was purchased from the property your clients now own. Ordinarily the Department of Natural Resources, under Section 144.76(3), considers the owner of the property as the responsible party in regards to clean up. Therefore, as the Department of Transportation is not the owner of the property, we do not feel it is the responsibility of the Department to complete the clean up. Your clients will be contacted by Ron Falkowski of the Rhineland Department of Natural Resources office (369-8983) in regards to the clean up of the contamination.

In our meeting with your clients on October 6, 1993, we informed them of the D.O.T.'s position and offered to assist them in explaining the situation to their banker.

Enclosed for reference is a letter detailing our position from Kevin Gehrman of our Central Office Risk Management section to the Wisconsin Department of Natural Resources in Rhineland.

If you or your clients wish assistance in explanation to the bank or further explanation, please call either Dennis Brock (365-5760) or me (365-5748).

*Marvin N. Laspa*

Marvin N. Laspa, P.E.  
District Planning & Design Supervisor

MNL:11

cc: R. Falkowski

⇒ Ron Talkowski  
Ron B

**ECKERT & STINGL**  
ATTORNEYS AT LAW

158 S. ANDERSON STREET  
P.O. BOX 1247  
RHINELANDER, WI 54501-1247  
PLEASE RESPOND TO POST OFFICE BOX

TELEPHONE (715) 369-1624  
FAX (715) 369-1273

PLEASE REFER TO OUR FILE  
NUMBER WHEN RESPONDING

RECEIVED  
Wis. Dept. of Natural Resources  
OCT 11 1993  
N. C. Dist. Hdqtrs.  
RHINELANDER, WI

October 8, 1993

MICHAEL L. ECKERT  
MICHAEL J. STINGL  
JAMES O. MOERMOND, III\*  
TIMOTHY B. MELMS  
JOHN R. LUND\*\*  
OF COUNSEL  
JOHN A. JANTSCH  
CERTIFIED PARALEGAL  
ANN S. PETERS  
LEGAL ASSISTANT  
\* ALSO LICENSED IN COLORADO  
\*\* ALSO LICENSED IN ILLINOIS

Mr. Charles J. Fitzgerald, R.S.  
Wisconsin Department of Natural Resources  
P. O. Box 818  
Rhinelanders, WI 54501

144

RE: Four Seasons, Monico, WI  
Mike & Patti Modrow  
Our File No. (New)

Mr. Fitzgerald:

Please be advised that I represent Mr. and Mrs. Mike Modrow with respect to potential benzine contamination of their property and adjoining property.

It is my understanding that the source of the contamination is underground storage tanks on the Wisconsin Department of Transportation right-of-way.

Could you please send me your entire file regarding this matter and contact me so that I am fully informed of the Department of Natural Resource's position regarding this.

In the future, please direct all correspondence to my office regarding this matter.

Thank you.

Very truly yours,

ECKERT & STINGL

*Michael J. Stingl*  
Michael J. Stingl  
TX

MJS:tjk  
cc: Mr. and Mrs. Mike Modrow  
Dict. 10-8-93

"DICTATED BUT NOT READ"

# PHONE CONVERSATION RECORD

DATE: 9/30/93  
TIME: 11:40

CONVERSED WITH: E&K  
Rick

SUBJECT/PROJECT: 4 Seasons Bar  
Mexico

UNIQUE ID#.: 144

Wanted to let us know that 84 gallons of bottled water had been delivered & set up last night by 9:00 pm. This should be about a 3 week supply.

Signature: Herb A. Pangel  
(please write legibly)

SEND INVOICE IN TRIPLICATE TO:

**STATE OF WISCONSIN  
PURCHASE ORDER**

ENTER TYPE CODE

- 1 - Regular
- 2 - Change Previous
- 3 - Cancel Previous
- 5 - Blanket-Non Contract
- 8 - Blanket-Contract

PURCHASE ORDER NUMBER

**NHD-75263**

**DEPARTMENT OF NATURAL RESOURCES  
P.O. BOX 818  
RHINELANDER, WISCONSIN 54501**

SHOW THIS NUMBER ON ALL SHIPMENTS  
CORRESPONDENCE AND INVOICES

DATE: **9/28/93**

**5**

Fund	Dept.	App.	L1	L2	L3	Proj.	Class	F	Cen Acctg.	For Agency Use	Requisition No.
										<b>SW62 ERP LU732 S 3680</b>	

Vendor: **SUPERIOR ENVIRONMENTAL**  
Federal Employer Identification No./Social Security No.: **39-1519790**

**SHIP TO:**  
**DEPARTMENT OF NATURAL RESOURCES**  
**Attn: Deb Pingel**  
**5301 Rib Mountain Drive**  
**WAUSAU WI 54401**

FOB	Terms	Delivery	Reference	Bid No.	Bulletin No.
<b>Delivery Point</b>	<b>Net 30</b>	<b>Immediate</b>	<b>Rick Berg</b>		<b>22-93455-201</b>

Item	Quantity	Unit	Item Description	Commodity Code	Unit Price	Total
			<b>EMERGENCY RESPONSE - BOTTLED WATER</b>  <b>Supply bottled drinking water and rental unit for residence only -</b> <b>Four Seasons Bar</b> <b>1800 Highway 8 E.</b> <b>Monico, WI 54549</b> <b>Teddy Modrow</b> <b>(715)487-5665</b> <b>Estimated requirement through 6/30/94</b>	<b>93-455-1</b>		<b>\$1500.00</b>

144

SEP 30 1993  
Wausau DNR Office  
Wausau, Wisconsin

REGISTER NUMBER	INVOICE OR VOUCHER NO.	INV. OR VOU. DATE	NET AMOUNT	CASH DISCOUNT	DATE INV. FORWARDED	BALANCE

Ack:  
Their number:  
Shipping:  
Traced:

# PHONE CONVERSATION RECORD

DATE: 9/24/93

TIME: 2:00 pm

CONVERSED WITH: Michel Madson

487-5665

Deb

SUBJECT/PROJECT: Four Seasons Bar

144

UNIQUE ID#.: \_\_\_\_\_

Temporal Baktu water supply

For private use

1800 Hwy 8 E

Monter

54501

Deb given info 9/29/93

Deb says paper work is finished 9/29/93 4:30 pm

Signature: \_\_\_\_\_

(please write legibly)



# PHONE CONVERSATION RECORD

DATE: 9/21/93  
TIME: \_\_\_\_\_

CONVERSED WITH: Paul Donnelly  
\_\_\_\_\_  
\_\_\_\_\_

144

SUBJECT/PROJECT: \_\_\_\_\_  
\_\_\_\_\_

UNIQUE ID#.: \_\_\_\_\_  
\_\_\_\_\_

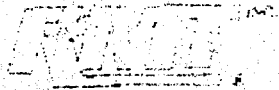
2 Tanks in Right-of-Way

- Archie Wilson -  
informed by phone

Tanks removed 3 weeks ago

Signature: RF.  
(please write legibly)

144



744 Highland Trail  
PO Box 8923  
Madison WI 53708-0923

Fax: 608-831-3334 Phone: 608-631-4444

DATE

9/21/93

TOTAL # OF PAGES

6

TIME

SEND BY

TO

REN FELDMAN

FAX #

715-569-8932

COMPANY

WINDR - DOWNBLADE

FAX #

10452101

FROM

MARK LORWIE

MESSAGE

SUBJECT: FERN - MONICO

PLEASE CALL ME IF YOU HAVE 2

RMT LABORATORIES - 744 HEARTLAND TRAIL - MADISON, WI - 53717-1934 - P.O. Box 8923 - MADISON, WI - 53708-8923 - 608/831-4444 - 608/831-7530 fax

PAGE: 1

CLIENT: WDOT - MONICO  
SAMPLE #: 3047-004  
PROJECT #: 10482.01  
WORK ORDER #: 3047  
STATION ID: TANK EXC 9'  
METHOD: MOD DRO  
pH : PRESERVED

REPORT DATE: 09/16/93  
COLLECTION DATE: 08/26/93  
EXTRACTION DATE: 09/02/93  
ANALYSIS DATE: 09/03/93  
WI DNR LAB ID: 113138520

MODIFIED DIESEL RANGE ORGANIC REPORT

DNR #	PARAMETER	RESULT	METHOD DET. LIMIT	UNITS
78919	Fuel Oil #2	360	4.0	mg/kg dry wt

*Joseph J. Fabel* 9/16/93  
Approval Signature



RMT LABORATORIES - 744 HEARTLAND TRAIL - MADISON, WI - 53717-1934 - P.O. Box 8923 - MADISON, WI - 53708-8923 - 608/831-4444 - 608/831-7530 FAX

PAGE: 1

CLIENT: WDOT - MONICO  
SAMPLE #: 3047-004  
PROJECT #: 10482.01  
WORK ORDER #: 3047  
STATION ID: TANK EXC 9'  
METHOD: MOD GRO  
pH : PRESERVED


REPORT DATE: 09/14/93  
COLLECTION DATE: 08/26/93  
EXTRACTION DATE:  
ANALYSIS DATE: 09/07/93  
WI DNR LAB ID: 113138520

MODIFIED GASOLINE RANGE ORGANICS REPORT

DNR #	PARAMETER	RESULT	METHOD	
			DET.	LIMIT UNITS
=====	=====	=====	=====	=====
78920	Gasoline	470 A	5.0	mg/kg dry wt

Laboratory standard used: Macro Scientific

*Mark St. Martin* 9/14/93  
Approval Signature



RMT LABORATORIES · 744 HEARLAND TRAIL · MADISON, WI · 53717-1934 · P.O. Box 8923 · MADISON, WI · 53708-8923 · 608/831-4444 · 608/831-7530 FAX

## LUST Data Qualifier Sheet

- A Sample odor present.
- B(n) Analyte is present in the method blank. If the processes that were applied to the sample were applied to the method blank, the value of the analyte in the method blank would likely be "n".
- C Elevated detection limit (see Sample Narrative).
- DP Unidentified but detected peaks.
- E Analyte concentration exceeds calibration range (see Sample Narrative).
- F Repeated surrogate failure (see Sample Narrative).
- H(n) Analysis performed "n" days past holding time.
- L Detects in trip blank.
- M Methanol leakage.
- P Sample vial used for previous analysis.
- R Relative percent difference high (see Sample Narrative).
- T Retention time variance; analyte identification not confirmed.
- V Heavy hydrocarbon present.
- W Sample received with headspace.
- X Significant peaks outside the chromatographic window included in quantitation scheme.
- Y Significant peaks within the chromatographic window.
- Z Elevation in chromatographic baseline not included in quantitation scheme.

RMT LABORATORIES - 744 HEARTLAND TRAIL - MADISON, WI - 53717-1934 - P.O. Box 8923 - MADISON, WI - 53708-8923 - 608/831-4444 - 608/831-7530 FAX

PAGE: 1

CLIENT: WDOT - MONICO  
 SAMPLE #: 3047-004  
 PROJECT #: 10482.01  
 WORK ORDER #: 3047  
 STATION ID: TANK EXC 9'  
 METHOD: 8020  
 pH: UNPRESERVED

REPORT DATE: 09/17/93  
 COLLECTION DATE: 08/26/93  
 EXTRACTION DATE:  
 ANALYSIS DATE: 09/02/93  
 WI DNR LAB ID: 113138520

## VOLATILE ORGANIC ANALYSIS REPORT

DNR #	PARAMETER	RESULT	METHOD	
			DET.	UNITS
=====	=====	=====	=====	=====
78032	Methyl-tert-butyl-ether	<520	1.0	ug/kg dry wt
78124	Benzene	<520	1.0	ug/kg dry wt
78131	Toluene	<520	1.0	ug/kg dry wt
78113	Ethylbenzene	<520	1.0	ug/kg dry wt
81551	Xylene, total	5400	3.0	ug/kg dry wt
77226	1,3,5-Trimethylbenzene	<520	1.0	ug/kg dry wt
77222	1,2,4-Trimethylbenzene	13000	1.0	ug/kg dry wt

Sample odor present. Heavy hydrocarbon present.

*Mark A. Meints 9/17/93*

Approval Signature

09/21/93

10:20

608 831 3334

RMT, INC/MADISON

006/008



RMT LABORATORIES - 744 HEMPHARD TOWER - MADISON, WI - 53717-1934 - P.O. Box 8923 - MADISON, WI - 53708-8923 - 608/831-4444 - 608/831-7530 FAX

CLIENT: WDOT - MONICO  
SAMPLE #: 3047-004  
PROJECT #: 10482.01  
WORK ORDER #: 3047  
WI DNR LAB ID: 113138520

REPORT DATE: 09/15/93  
COLLECTION DATE: 08/26/93  
STATION ID: TANK EXC 9'

INORGANIC ANALYSIS REPORT

<u>PARAMETER</u>	<u>RESULT</u>	<u>UNITS</u>
Solids, total	97.0	%
Lead	5.7	mg/kg dry wt.

*Ken O'Connell* 9/15/93  
Approval Signature



744 Heartland Trail  
PO Box 8923  
Madison WI 53708-8923

Fax: 608-831-3334 Phone: 608-831-4444

DATE: 9-21-93

TOTAL # OF PAGES: 3

TIME: 9:20 am

SEND BY: 9:30 am

TO: RON BECKER

FAX #: (715) 369-8932

COMPANY: WDNR

PROJ #: 10482.01

FROM: PAUL DONNELLY

MESSAGE:

WDOT - 4-Seasons Tavern, Monico, WI  
MORROW WELL RESULTS.



CLIENT: WDOT - MONICO  
 SAMPLE #: 3047-005  
 PROJECT #: 10482.01  
 WORK ORDER #: 3047  
 STATION ID: MODROW WELL  
 METHOD: 8021  
 PH : PRESERVED

PAGE: 1  
 REPORT DATE: 09/17/93  
 COLLECTION DATE: 08/26/93  
 EXTRACTION DATE:  
 ANALYSIS DATE: 09/09/93  
 WI DNR LAB ID: 113138520

CLIENT: WDOT - MONICO  
 SAMPLE #: 3047-005  
 PROJECT #: 10482.01  
 WORK ORDER #: 3047  
 STATION ID: MODROW WELL  
 METHOD: 8021  
 PH : PRESERVED

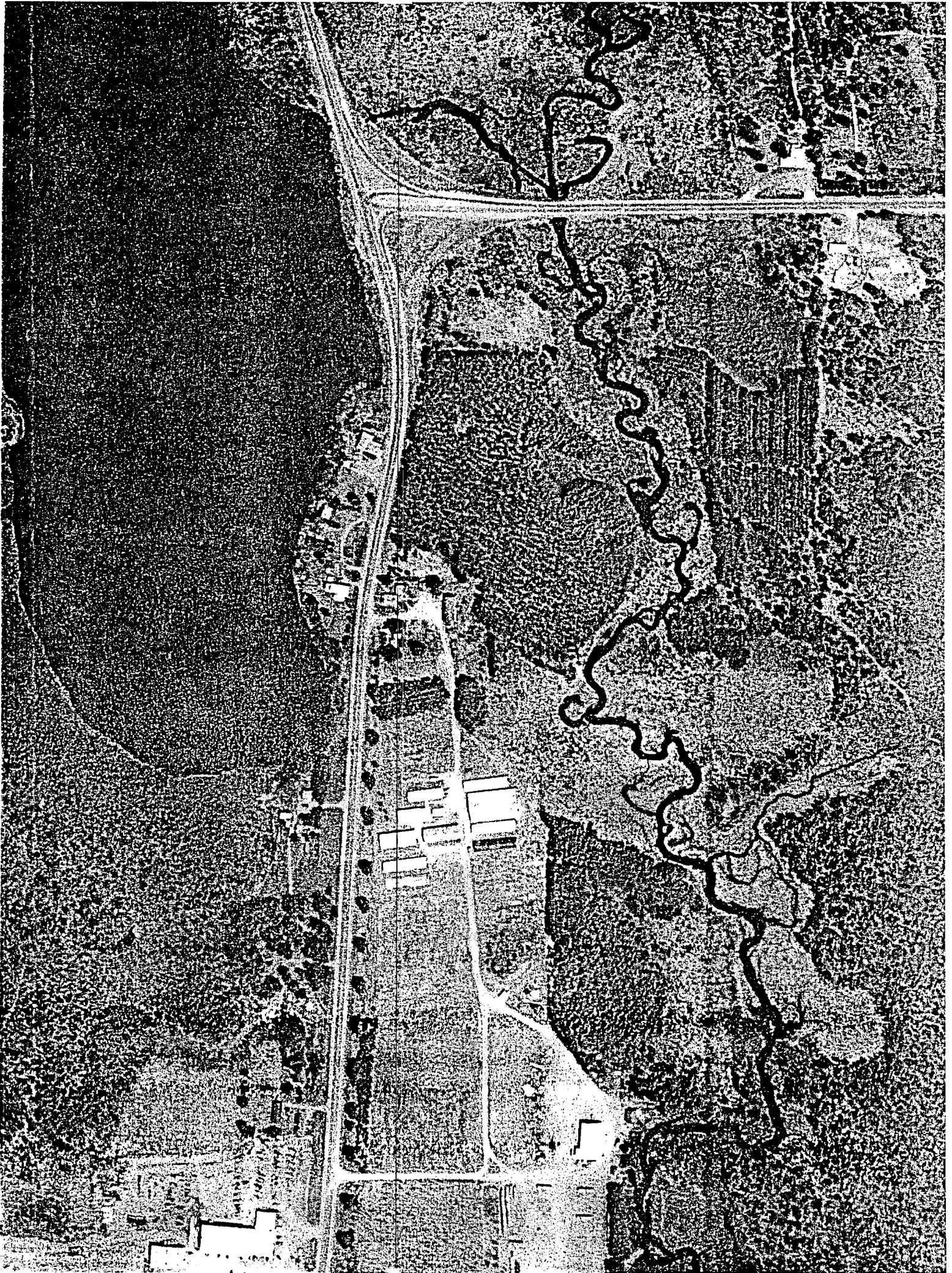
PAGE: 2  
 REPORT DATE: 09/17/93  
 COLLECTION DATE: 08/26/93  
 EXTRACTION DATE:  
 ANALYSIS DATE: 09/09/93  
 WI DNR LAB ID: 113138520

VOLATILE ORGANIC ANALYSIS REPORT

VOLATILE ORGANIC ANALYSIS REPORT

DNR #	PARAMETER	RESULT	METHOD		DNR #	PARAMETER	RESULT	METHOD	
			DET.	UNITS				DET.	UNITS
=====	=====	=====	LIMIT	=====	=====	=====	=====	=====	=====
34668	Dichlorodifluoromethane	<2.0	2.0	ug/L	77222	1,2,4-Trimethylbenzene	3.4	1.0	ug/L
34418	Chloromethane	<1.0	1.0	ug/L	77350	sec-Butylbenzene	<1.0	1.0	ug/L
39175	Vinyl chloride	<1.0	1.0	ug/L	77356	p-Isopropyltoluene	<1.0	1.0	ug/L
34311	Chloroethane	<1.0	1.0	ug/L	34566	1,3-Dichlorobenzene	<1.0	1.0	ug/L
34488	Fluorotrichloromethane	<1.0	1.0	ug/L	34571	1,4-Dichlorobenzene	<1.0	1.0	ug/L
34501	1,1-Dichloroethene	<1.0	1.0	ug/L	77342	n-Butylbenzene	4.5	1.0	ug/L
34423	Methylene chloride	<1.0	1.0	ug/L	34536	1,2-Dichlorobenzene	<1.0	1.0	ug/L
34546	trans-1,2-Dichloroethene	<1.0	1.0	ug/L	38437	1,2-Dibromo-3-chloropropane	<1.0	1.0	ug/L
34496	1,1-Dichloroethane	<1.0	1.0	ug/L	34551	1,2,4-Trichlorobenzene	<1.0	1.0	ug/L
77170	2,2-Dichloropropane	<1.0	1.0	ug/L	34391	Hexachlorobutadiene	<1.0	1.0	ug/L
77093	cis-1,2-Dichloroethene	<1.0	1.0	ug/L	34696	Naphthalene	<10	10	ug/L
32106	Chloroform	<1.0	1.0	ug/L	77613	1,2,3-Trichlorobenzene	<1.0	1.0	ug/L
34506	1,1,1-Trichloroethane	<1.0	1.0	ug/L					
32102	Carbon tetrachloride	<1.0	1.0	ug/L					
78032	Methyl-tert-butyl-ether	<1.0	1.0	ug/L					
81577	Di-Isopropyl ether	<1.0	1.0	ug/L					
32103	1,2-Dichloroethane	8.4	1.0	ug/L					
78124	Benzene	49 E	1.0	ug/L					
39180	Trichloroethene	<1.0	1.0	ug/L					
34541	1,2-Dichloropropane	<1.0	1.0	ug/L					
32101	Bromodichloromethane	<1.0	1.0	ug/L					
78131	Toluene	1.2	1.0	ug/L					
34511	1,1,2-Trichloroethane	<1.0	1.0	ug/L					
34475	Tetrachloroethene	<2.0	2.0	ug/L					
77173	1,3-Dichloropropane	<1.0	1.0	ug/L					
34306	Chlorodibromomethane	<2.0	2.0	ug/L					
77651	1,2-Dibromoethane	2.4	1.0	ug/L					
34301	Chlorobenzene	<1.0	1.0	ug/L					
78113	Ethylbenzene	8.1	1.0	ug/L					
81551	Xylene, total	20	3.0	ug/L					
77223	Isopropylbenzene	2.9	1.0	ug/L					
34516	1,1,2,2-Tetrachloroethane	<2.0	2.0	ug/L					
77224	n-Propylbenzene	3.6	1.0	ug/L					
81555	Bromobenzene	<1.0	1.0	ug/L					
77226	1,3,5-Trimethylbenzene	<1.0	1.0	ug/L					
77275	2-Chlorotoluene	<1.0	1.0	ug/L					
77277	4-Chlorotoluene	<1.0	1.0	ug/L					
77353	tert-Butylbenzene	<1.0	1.0	ug/L					

*Mack H. Mientz* 9/17/93  
 -----  
 Approval Signature



Connie Antonuk

9/17/93

Phone call from

144

Paul Donnelly - 608-831-4444  
RMT

Re: LUST Case Diesel + Gasoline

Four Seasons Tavern

Mike + Pat Molton 487-5665

1800 Hwy E East

Monico

well water sample by RMT  
49 ug/l Benzene

Archie

8/26/93  
2:45 PM  
144

cc: → Mark LaRoe  
RMT - 744 Hartland Trail  
Madison 53708

ON DOT ROW SE, NW, sec 30, T36N - R11E  
in front of Four Seasons Restaurant  
Hwy 8 & 45 Monico  
Onkido County

Removed 2 Tanks 500 gal each  
Previously abandoned with sand  
about 20 years ago.

Probably one gas & one diesel  
w/ strong diesel odor.

RP  
letter → John Lewis - WDOT  
Hill Farm State Office Bldg  
4802 Shetboygan Ave  
Rm 601  
Madison, WI 53707

UID Number 144 FID Number 744134160 PMN Number \_\_\_\_\_

County Oneida  
 Site Name Four Seasons Bar  
 Address 1800 Hwy 8 E  
 Municipality Monico

Initial Contact Date 8/26/93  
 Date RP Letter Sent    /   /     
 Date Closure Approved    /   /   

Legal Descript.:  
S/E 1/4 NW 1/4 Sec 30 T 36 N R 11 (E/F)

Person/Firm Reporting Mark LaRoe  
RMT  
 Phone Number    /   /   

Priority Screening  
 1 = High  
 2 = Medium  
 3 = Low  
 4 = Unknown

Scoring Criteria  
 1. \_\_\_\_\_  
 2. \_\_\_\_\_  
 3. \_\_\_\_\_  
 4. \_\_\_\_\_  
 5. \_\_\_\_\_

Funding Source Effective Date  
 1 = RP 8/26/93  
 2 = LTF    /   /     
 3 = EF    /   /     
 4 = Other    /   /   

LUST Trust Eligible  
 1 = Federal  
 2 = Non-Federal

Score \_\_\_\_\_ Init. \_\_\_\_\_ Date    /   /   

CASE STATUS	Start Date	End Date
<input type="checkbox"/> (N) No Action Taken		
<input type="checkbox"/> (E) RP Emergency Response	<u>   /   /   </u>	<u>   /   /   </u>
<input type="checkbox"/> (R) LTF Emergency Response	<u>   /   /   </u>	<u>   /   /   </u>
<input type="checkbox"/> (L) Long Term Monitoring	<u>   /   /   </u>	<u>   /   /   </u>

Responsible Party:  
 Company Name Four Seasons Bar  
 Contact Person Mike Modrow  
 Address 1800 Hwy 8 E  
Monico WI 54549  
 Telephone 715/487-5665

Impacts:  
 Enter "P" for potential and "K" for known  
 (1) Fire/Explosion Threat  
 (2) Contaminated Private Well(s) 1 # of Wells  
 (3) Contaminated Public Well  
 (4) Groundwater Contamination  
 (5) Soil Contamination  
 (6) Other: \_\_\_\_\_  
 (7) Surface Water Impacts  
 (9) Floating Product

CC's: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Consultant:  
 Company Name RMT  
 Contact Name Mark LaRoe  
 Address PO Box 8923  
Madison WI 53708-8923  
 Telephone: 608/831-4444

Substances: # Tank(s) Size  
 (1) Leaded Gas 1 ?  
 (2) Unleaded Gas \_\_\_\_\_  
 (3) Diesel 1 ?  
 (4) Fuel Oil \_\_\_\_\_  
 (5) Unkwn Hydrocrbn \_\_\_\_\_  
 (8) Other \_\_\_\_\_  
 (12) Waste Oil \_\_\_\_\_

