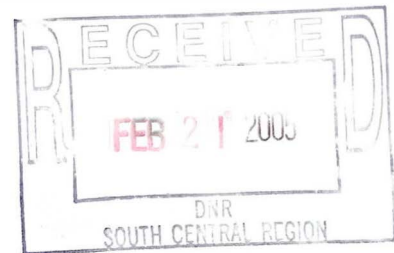
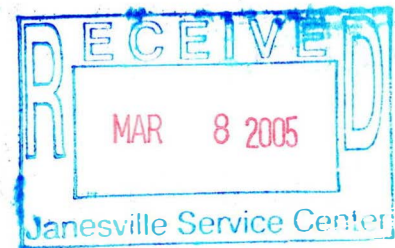


KSA

**REMEDIAL INVESTIGATION WORK PLAN
MARATHON GAS STATION
905 EAST MAIN STREET
WATERTOWN, WISCONSIN 53098**



Project Number 4668



1135 Legion Drive
Elm Grove, Wisconsin 53122

**K. SINGH & ASSOCIATES,
INCORPORATED**

Engineers, Scientists & Environmental Management Consultants



K. SINGH & ASSOCIATES, INC.

Engineers, Scientists and Environmental Management Consultants

February 17, 2005

Ms. Wendy Weihemuller
Program Assistant / BRR Program
Wisconsin Department of Natural Resources
South Central Region
3911 Fish Hatchery Road
Madison, WI 53711

Project # 4668

Subject: Remedial Investigation Work Plan for Marathon Gas Station at 905 E. Main Street, Watertown, WI 53098.

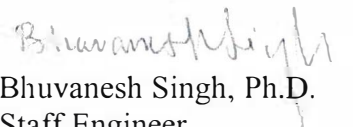
Dear Ms. Weihemuller:


On behalf of Mangal LLC, we are pleased to submit a Remedial Investigation Work Plan for the referenced property. The plan calls for performing soil borings, installing monitoring wells, and conducting field and laboratory testing for petroleum products. The Remedial Investigation Work Plan is designed to delineate the extent of petroleum contamination and provide data necessary for developing a Remedial Action Plan.

We intend to implement this plan as soon as possible. Please call us, if you have any questions regarding this submittal.

Sincerely,

K. SINGH & ASSOCIATES, INC.


Bhuvanesh Singh, Ph.D.
Staff Engineer


Pratap N. Singh, Ph. D., P.E.
Project Manager

Cc: Mr. Yogi Bhardwaj/ Mangal, LLC., P.O. Box 480, Gurnee, IL 60031.
PECFA Claim File

REMEDIAL INVESTIGATION WORK PLAN
MARATHON GAS STATION
905 EAST MAIN STREET
WATERTOWN, WISCONSIN 53098

PREPARED FOR

MANGAL, LLC
P.O. BOX 480
GURNEE, IL

PREPARED BY

K. SINGH & ASSOCIATES, INC.
1135 LEGION DRIVE
ELM GROVE, WI 53122

PROJECT # 4668

February 17, 2005

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APPENDIX C	Underground Storage Tank Registration Forms
APPENDIX D	Phase II soil boring logs, borehole abandonment forms, and soil quality test results

SECTION I. INTRODUCTION

1.1 REGULATORY BACKGROUND

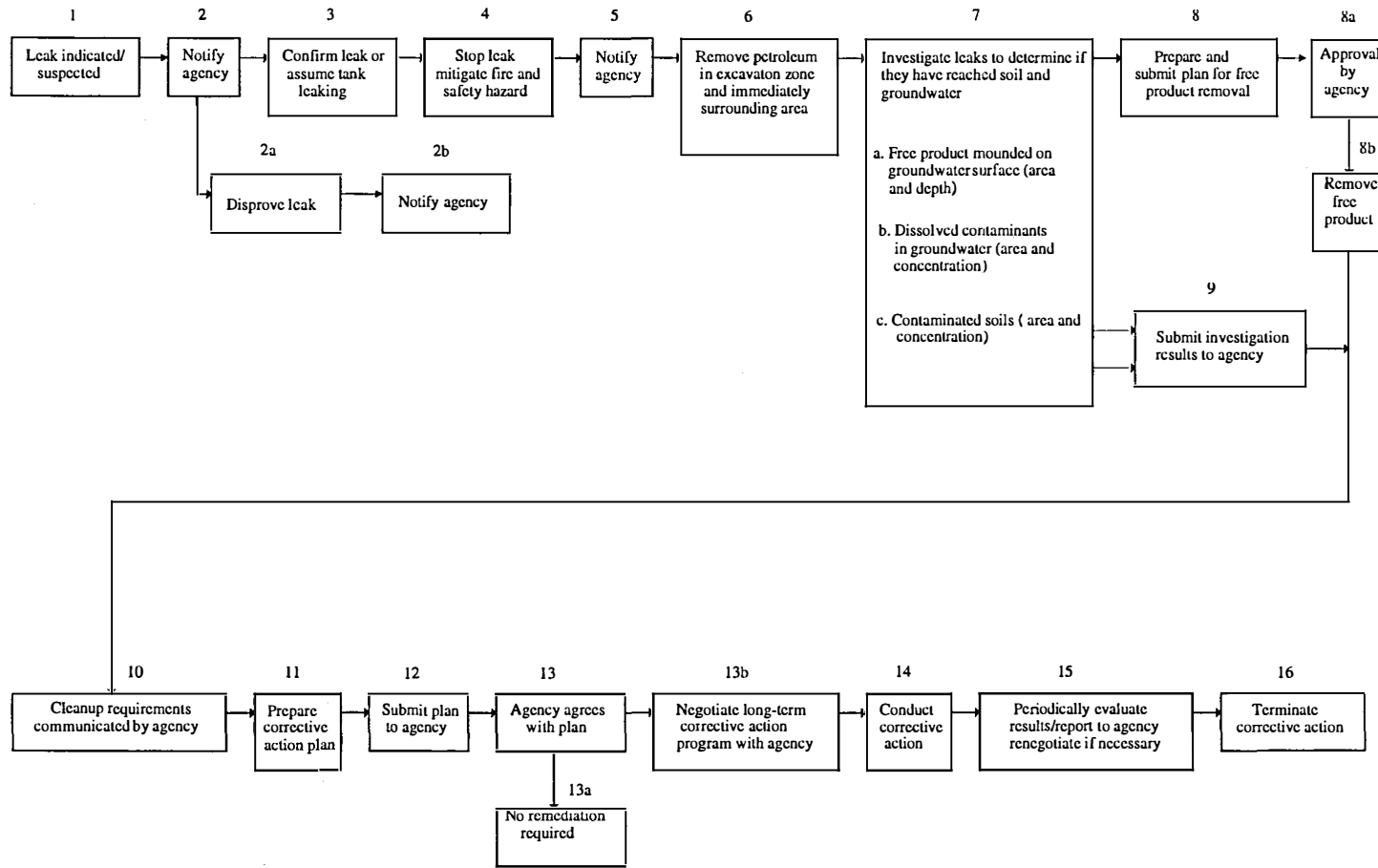
Concerns for the status of leaking underground storage tanks have prompted the development of legislation regarding the registration and monitoring of existing tanks, design and installation of new tanks, and corrective action for past and ongoing releases. The 1984 Hazardous and Solid Waste Amendment (HSWA) to the Resource Conservation and Recovery Act added a new subtitle I, "Regulation of Underground Storage Tanks." Subtitle I requires the U.S. EPA to develop a comprehensive program for regulating certain underground storage tanks that contain regulated substances. Section 9003(a) requires the EPA to promulgate underground storage tank regulations as may be necessary to protect human health and the environment. The EPA is responsible for developing "requirements for taking corrective action in response to a release from an underground storage tank."

The EPA has established regulations for USTs under 40 CFR Parts 280 and 281(1). These regulations require that owners and operators take corrective actions to remedy releases from USTs. They require that owners and operators take corrective action to reduce fire and explosion hazards and to recover the product and remove or treat contaminated soils. The office of Underground Storage Tanks (OUST) is responsible for establishing the Agency's program for controlling underground storage tanks. An outline of the corrective action process at UST sites is included in Figure 1.1 (1).

The UST program in the State of Wisconsin is managed by the Department of Commerce (DCOMM). The Wisconsin Department of Natural Resources (WDNR) provides technical support to the DCOMM in the implementation of the UST program. To address the problems associated with leaking USTs in Wisconsin, the Petroleum Environmental Cleanup Fund (PECFA) program has been established. Section 101.43 Wis. Stats., as created by the 1987 Wis. Act 399, establishes the PECFA funding program. The PECFA fund is administered by DCOMM and is funded by an increase in tax on motor vehicle fuel.

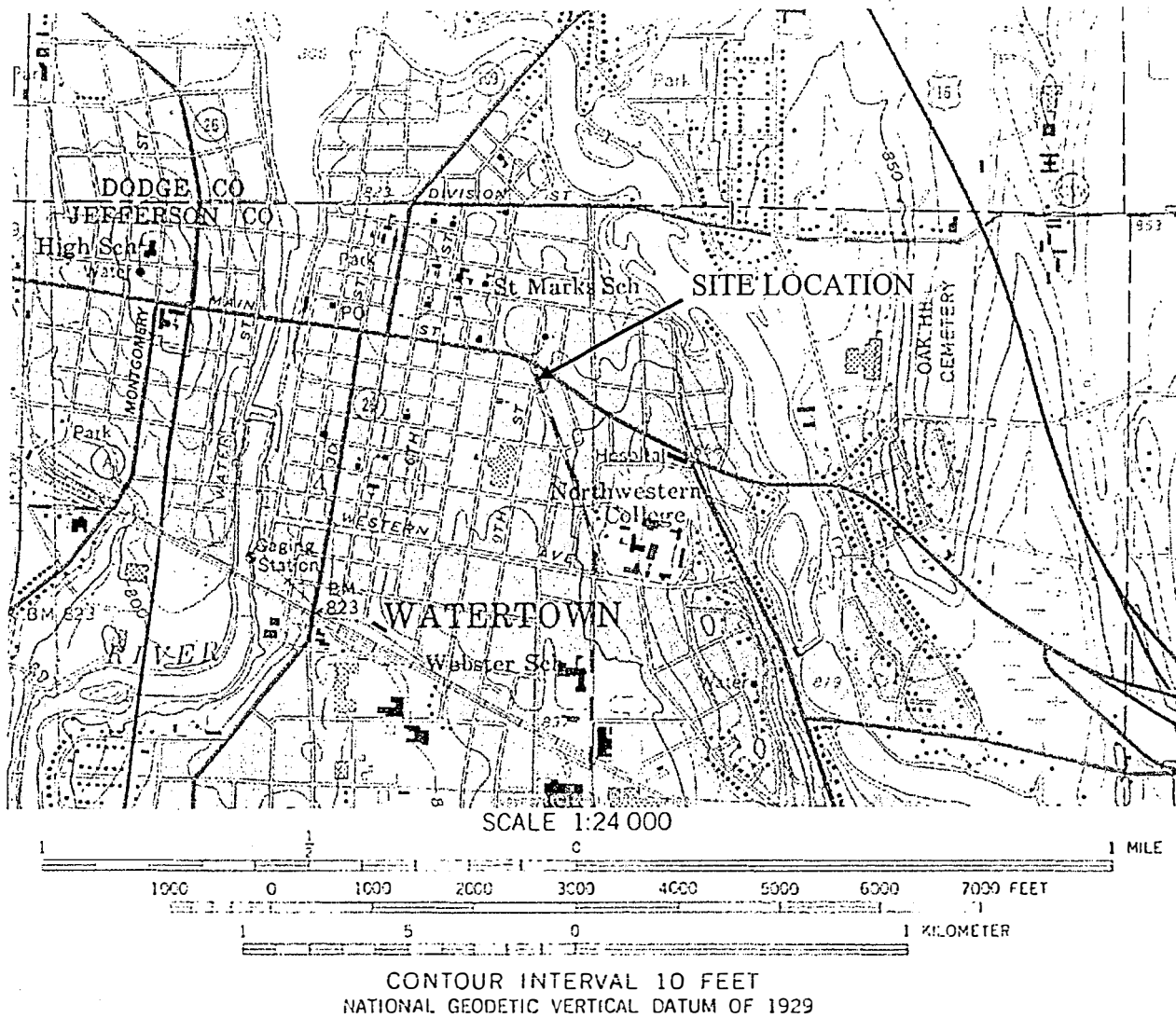
1.2 PROJECT DESCRIPTION

Marathon Gas Station is located at 905 East Main Street, City of Watertown, Jefferson County, Wisconsin. The site can be described as part of the SE ¼ of the NE ¼ of Section 4, Township 8 North, Range 15 East in Jefferson County, Wisconsin. A topographic map of the site is shown in Figure 1.2. The property is used as gasoline station and Convenience Store. The property is bounded by Residential Properties to the west, restaurant and residential properties to the east, a church to the north, and residential properties and commercial establishments to the south.



Source: 40 CFR Part 280, U.S. EPA

Figure 1.1. Federal Corrective Action Process For USTs




WISCONSIN
QUADRANGLE LOCATION
WATERTOWN, WIS
NW 1/4 WATERTOWN 19' QUADRANGLE
430686-1F-024
1959
PHOTO: USGS 1971
DATA: USGS 1:25000 SERIES 1962



Figure 1.2 Project Location Map

Ecometrica performed a Phase II ESA on the subject property in order to investigate potential subsurface soil and groundwater contamination (2). Soil contamination was discovered during a Phase II ESA between on completed on February 15, 2005. The release was reported to the WDNR on February 16, 2005. Correspondence regarding release notification is included in Appendix B.

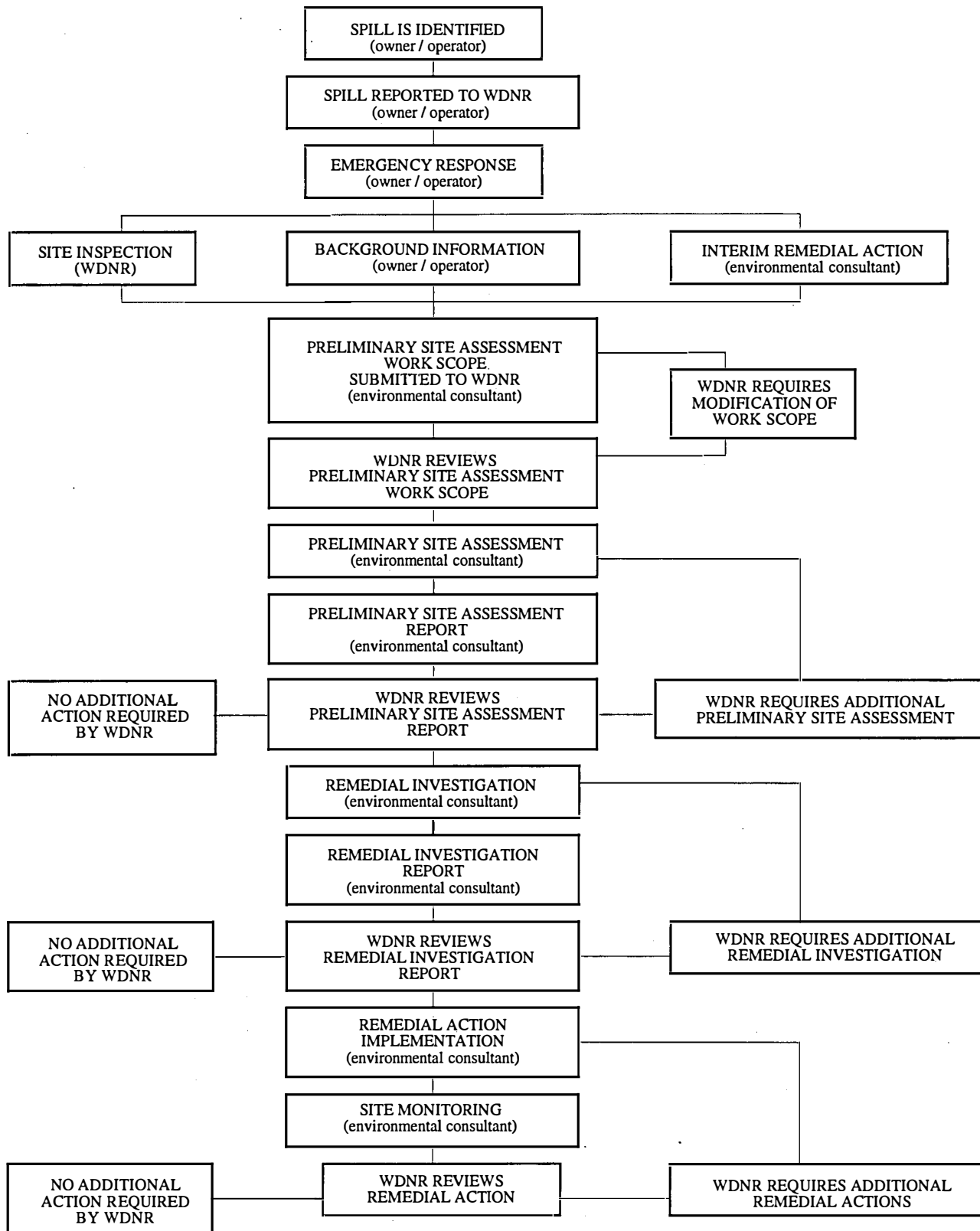
Mangal, LLC retained K. Singh & Associates, Inc. (KSA) to conduct a remedial investigation.

1.3 PURPOSE AND SCOPE

The purpose of this report is to develop a plan to conduct a remedial investigation at the site in accordance with the WDNR guidelines (3). A flow chart of the site assessment process for petroleum underground storage tanks in Wisconsin is included in Figure 1.3. Specific objectives of the Remedial Investigation Work Plan are as follows:

1. Conduct a site visit, gather pertinent information relative to releases of petroleum hydrocarbons and identify the locations of utilities;
2. Prepare a work plan to characterize the extent and degree of contamination in soil and groundwater;
3. Conduct site investigation in accordance with NR 716 and COMM 46 (4, 5);
4. Evaluate environmental factors in accordance with COMM 47 (6);
5. Determine risk criteria in accordance with the protocol developed by the WDNR (7);
 - a. Evaluate the five environmental factors as per COMM 47.3337;
 - b. Evaluate groundwater plumes with respect to the enforcement standard (ES) in developable groundwater (<0.2 gallons/minute);
 - c. Evaluate soil contamination with respect to Table 1 values of COMM 46 for direct exposure in the upper 4 feet layer of soil;
 - d. Evaluate if 5 feet of separation exists between soil contamination and developable groundwater or soil contamination levels are decreasing with depth;
 - e. Evaluate impacts to receptors of concern;
 - f. Evaluate if ES exceedance exists within 1,000 feet of a public well; and
 - g. Evaluate if ES exceedance exists within 100 feet of a private well.

I-5



Source: WDNR Site Assessment Guidelines

Figure 1.3. State Corrective Action Processes for USTs

6. Determine total contaminant mass in soil; and
7. Prepare a Remedial Investigation Report, Remedial Alternatives Evaluation, and Interim Remedial Action Plan consistent with the requirements of the State.

1.4 REPORT ORGANIZATION

This report is organized into four sections. Section I briefly discusses regulatory background, purpose and scope, and report organization. Section II provides a review of background information and a brief description of characterization activities in the project area. Section III includes the work plan for the site assessment and Section IV includes references.

SECTION II. BACKGROUND INFORMATION

2.1 FACILITY DESCRIPTION

Marathon Gas Station is located at 905 East Main Street, City of Watertown, Jefferson County, Wisconsin. The site can be described as part of the SE ¼ of the NE ¼ of Section 4, Township 8 North, Range 15 East in Jefferson County, Wisconsin. The property is used as gasoline station and Convenience Store. The property is bounded by Residential Properties to the west, restaurant and residential properties to the east, a church to the north, and residential properties and commercial establishments to the south. A site layout is shown in Figure 2.1.

The facility consists of a single story building constructed around 1960. The lot is fully paved. The topography of the site is relatively flat. This property has a surface elevation of approximately 849 feet, MSL.

2.2 REGULATORY CONSIDERATION

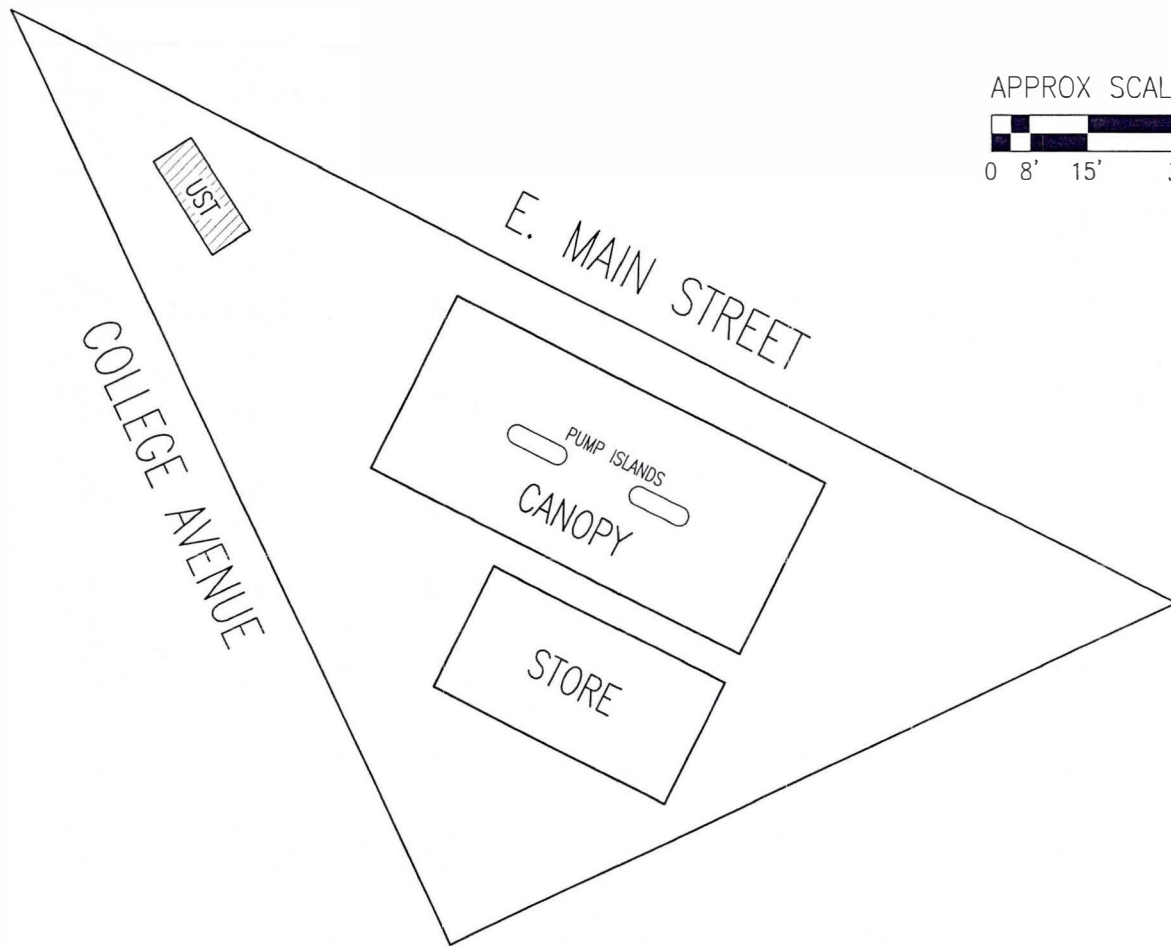
Ecometrica discovered petroleum contamination on the property as part of their subsurface investigation completed on February 15, 2005. The release was reported to the WDNR on February 16, 2005 by KSA. WDNR correspondence is included in Appendix A.

2.3 TANK CLOSURE DOCUMENTATION

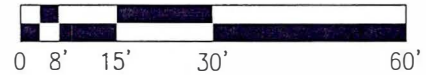
According to the City of Watertown building permit records, a gasoline station was constructed in 1963 and in operation since then. Building permit records are included in Appendix B. As per Wisconsin Department of Commerce underground storage tank database, 6,000 gallon leaded gasoline and 14,000 gallon unleaded gasoline tanks were removed on May 1, 1987. Subsequently, in May of 1987 three unleaded gasoline USTs of capacity 6,000, 8,000, and 10,000 gallons were installed. Tank registration forms are included in Appendix C.

2.4 PREVIOUS INVESTIGATIONS

Ecometrica conducted a Phase II ESA (2) for the property in February 2005. Five 2.5 inch diameter geoprobe borings GP-1 through GP-5 were advanced 12 to 14 feet below grade at the subject property on January 20, 2005 (Figure 2.2).



APPROX SCALE: 1" = 30'-0"



LEGEND



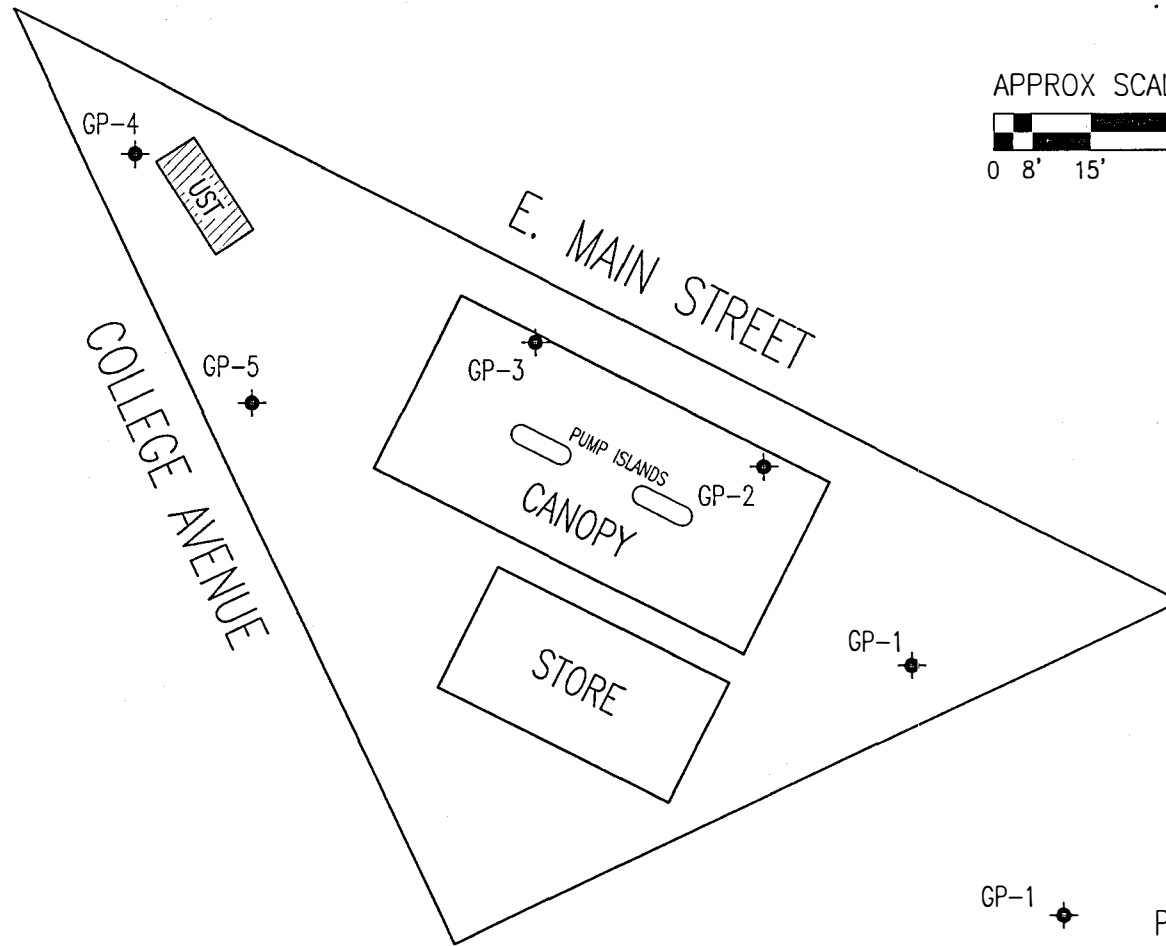
Underground Storage Tanks (UST)

PROJECT: 905 E. MAIN STREET
WATERTOWN WISCONSIN

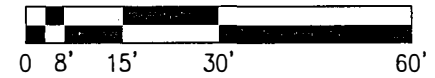
TITLE: FIGURE 2.1:
SITE LAYOUT

ENGINEER
K. SINGH & ASSOCIATES, INC.
Engineers, Scientists and Environmental Management Consultants
1135 Legion Drive Elm Grove, Wisconsin 53122
Phone: (262) 821-1171 FAX: (262) 821-1174E-mail: singh@k-sa.com

DRAWN BY:	J.B.M.
CHECKED BY:	B.S.
DATE:	02/17/05
PROJECT NO:	4668
DRAWING FILE:	4668.dwg



APPROX SCALE: 1" = 30'-0"



LEGEND

GP-1 Phase II ESA Geoprobe Soil Borings

UST Underground Storage Tanks (UST)

PROJECT: 905 E. MAIN STREET
WATERTOWN WISCONSIN

TITLE: FIGURE 2.2:
PHASE II ESA SOIL
BORINGS

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The geoprobe borings were drilled by Inland Environmental Remedial Services, Inc. using a geoprobe rig and under supervision of Ecometrica, Inc. staff. Soil samples were collected at continuous 4-foot intervals for visual description and sample collection. A final boring log for each test boring was prepared. The test borings were filled with granular bentonite after completion and borehole abandonment forms were prepared.

Soil samples were collected at continuous 4-foot intervals for visual description and sample collection. Selected soil samples were submitted to APL Inc. of Milwaukee and tested for GRO and PVOCs.

The results of the laboratory analyses are discussed below and are compared to applicable Residual Contaminant Levels (RCLs) contained in Wisconsin Administrative Code, NR 720.

Low level of some of the PVOCs were detected in soil borings, GP-1, GP-3, and GP-5. The concentration (14 ppm) of GRO exceeded the WDNR reporting limit (10 ppm) in the soil sample collected from GP-4 from 12 to 14 ft. BGS. This sample also had benzene (38 ppb) in excess of the NR 720 RCL. The concentration (141 ppb) of benzene exceeded the NR 720 RCL in the soil sample collected from GP-2 from 4 to 6 ft bgs. The soil sample was stained and had petroleum odor. This sample also had the highest PID reading. The soil boring SB-2 was conducted near the southern dispenser.

2.5 SOIL CONDITIONS

The near-surface soils at the subject property consist of fill extending down to 1-foot below grade. The fill is underlain with silty clay and silty sand, which extended to the end of the test boring.

2.6 GROUNDWATER CONDITIONS

According to USGS data, as shown in Figure 1.2, ground surface elevation is approximately 850 feet, MSL at the site. Due to the presence of contamination in the near surface soil at the site, there may be a potential for near surface groundwater contamination. Further investigation is warranted. Perched shallow groundwater is expected to be present at the depth of twelve to fourteen feet below grade. The groundwater is likely to flow to the westerly direction towards Rock River. Based on the surface elevation of the Rock River, the depth to water is estimated to 49 ft below ground surface.

2.7 ADDITIONAL DATA NEEDS

Soil and groundwater quality data, geologic and hydrogeologic information need to be compiled for the site.

Specific areas of data need are listed below:

1. Soil borings need to be performed in order to define the horizontal and vertical extent of contamination;
2. The installation of monitoring wells is warranted to assess petroleum contamination in near-surface groundwater;
3. Investigative procedures will need to be performed to determine if contamination is using utility corridors as pathways for migration, specifically storm and sanitary sewers locations surrounding the site;
4. A corrective action plan may be warranted to restore the sub-surface soils and near-surface groundwater which may be affected by dissolved hydrocarbons; and
5. Locations of private and public wells may need to be determined.

SECTION III. REMEDIAL INVESTIGATION WORK PLAN

3.1 INTRODUCTION

The work plan for the remedial investigation is a detailed plan that will be developed and followed throughout the investigation process. This will lead to a characterization of the nature, extent, and rate of migration of a release of petroleum products. This plan will address a number of components, which are as follows:

1. Description of the current situation;
2. Development of procedures for characterizing the contaminant source, the environmental setting, assembling available monitoring data, establishment of monitoring procedures and data collection procedures;
3. Identification of potential receptors;
4. Health and safety procedures;
5. A schedule for specific site assessment activities;
6. Quality Assurance / Quality Control Procedures; and
7. Data Management Procedures.

3.2 DESCRIPTION OF CURRENT SITUATIONS AND RATIONALE FOR ADDITIONAL DATA NEEDS

The existing information is not sufficient to delineate the plume of contamination on-site. The variation of contaminant concentrations within the property needs to be determined. The performance of soil borings and installation of monitoring wells is proposed to delineate the potential plume of contamination.

This program is designed to fill the existing data gaps. As a result of this assessment, the horizontal and vertical extent of the contamination may be determined. Using data compiled during this assessment, the need for remedial action will be assessed and a remedial action plan will be developed, if necessary.

3.3 PROPOSED APPROACH

Based on a review of the background information and the rationale for additional data needs for determining the nature and extent of contamination, a program for soil borings

and monitoring well installation is proposed. The program is described briefly in subsequent subsections.

3.3.1 PERFORMING SOIL BORINGS

A program, consisting of performing ten soil borings, for delineating the horizontal and vertical extent of soil contamination is proposed. The locations of the proposed soil borings are shown in Figure 3.1. These locations are selected based on the soil quality test results from the Phase II ESA and recognized environmental conditions (RECs).

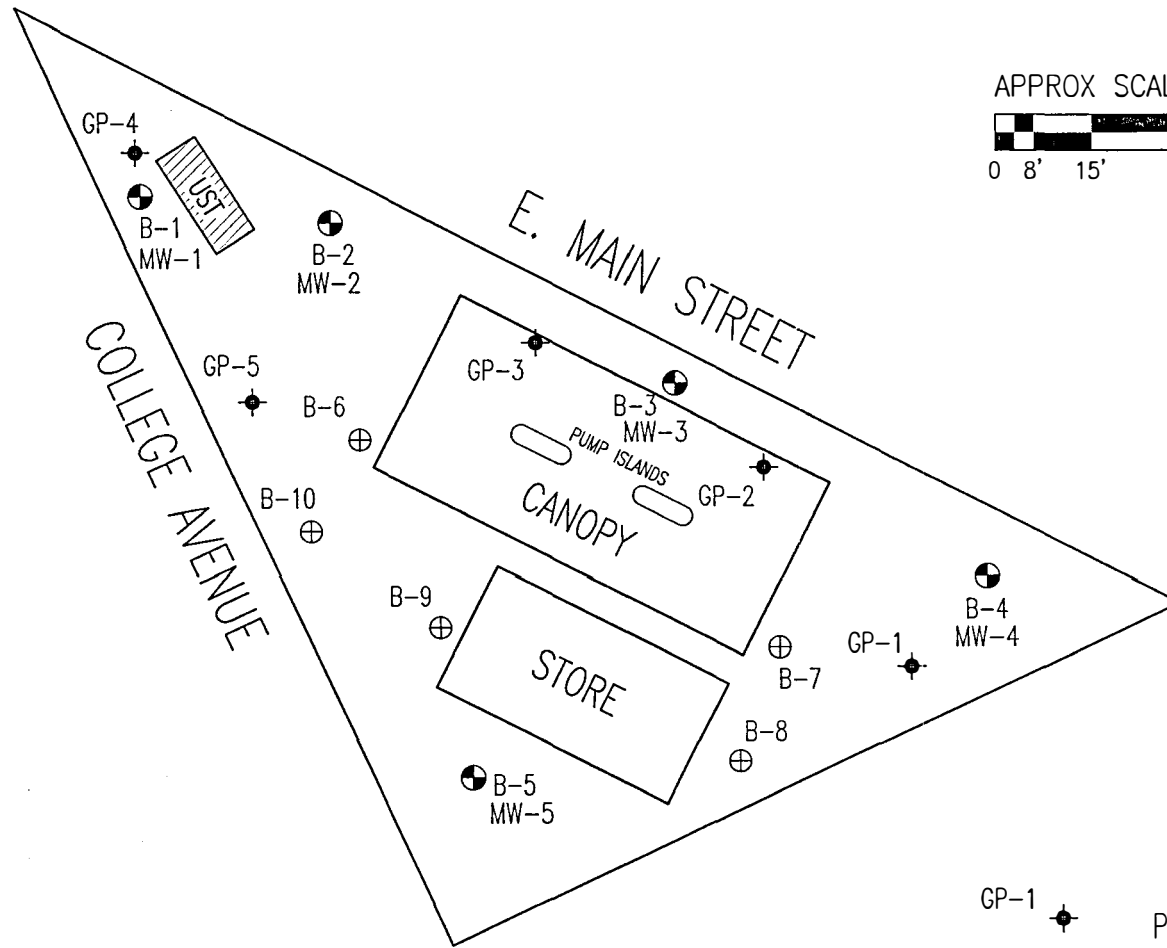
The soil borings will be conducted to a depth of 14 feet BGS. If the contamination is encountered at that depth, the soil boring will be extended to a greater depth in order to delineate the vertical extent of contamination. The soil boring will be terminated if groundwater is encountered. These locations may need to be modified based on accessibility and the presence of utilities. The number and depth of soil borings may vary in accordance with the extent of petroleum contamination.

3.3.2 INSTALLATION OF MONITORING WELLS

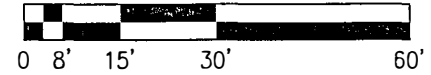
In accordance with RCRA Groundwater Monitoring Technical Enforcement Guidance Document and NR 141, six of the soil borings will be converted into flush mount monitoring wells (MW-1 to MW-6) (8, 9, 10). These monitoring wells are anticipated to be installed to a depth of 20 feet below grade, with a 10-ft screen. The screen will be set to intersect the groundwater table. If no groundwater is encountered and the soil borings are determined to be clean, monitoring well will not be installed at that location. These monitoring wells are proposed to be installed for the purposes of defining the plume of contamination in groundwater, if groundwater is impacted by petroleum contamination. Monitoring wells MW-1 and MW-2 will be installed in the proximity of underground storage tank location. Monitoring wells MW-3 is proposed to be installed near the pump island location. Monitoring well MW-4 and MW-5 are proposed to be installed to define the limits of contamination. Locations of the proposed groundwater monitoring wells are shown in Figure 3.1. The number and depth of the monitoring wells may vary in accordance with the extent of petroleum contamination and depth to the water.

3.3.3 DESIGN OF ON-SITE WASTE STORAGE





Soil cuttings will be stored on-site in 55 gallon WISDOT approved drums. A sample from the excavated material will be tested for PVOCs, GRO, DRO, and Lead. If the concentration of contaminants does not meet the cleanup goal of the Department, soil cuttings will be temporarily stored on-site until proper disposal arrangements are made.



APPROX SCALE: 1" = 30'-0"



LEGEND

- GP-1  Phase II ESA Geoprobe Soil Borings
- MW-4  Monitoring Wells
- B-5  Remedial Investigation Soil Boring
-  UST
Underground Storage Tanks (UST)

PROJECT: 905 E. MAIN STREET
WATERTOWN WISCONSIN

TITLE: FIGURE 3.1:
LOCATION OF PROPOSED
SOIL BORINGS AND
MONITORING WELLS

ENGINEER:

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Engineers, Scientists and Environmental Management Consultants

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DRAWN BY:	J.B.M.
CHECKED BY:	B.S.
DATE:	02/17/05
PROJECT NO:	4668
DRAWING FILE:	4668.dwg

During well development and in-situ permeability testing, there is a potential for the generation of contaminated groundwater. Contaminated groundwater will be stored temporarily on-site in 55 gallon WDOT approved drums and will be disposed of upon determination of the contaminant concentrations.

3.4 ENGINEERING SURVEY

A map of the project area will be prepared which includes the location of the various on-site buildings and adjacent properties and buildings. Locations of tanks and utilities such as sewer, water, gas, electricity and telephone, including soil borings and monitoring wells, will be shown as part of the proposed assessment. Ground and PVC pipe elevations will be determined for each monitoring well.

3.5 REGIONAL GEOLOGY AND HYDROGEOLOGY

Published and other existing materials pertaining to the regional geologic conditions, groundwater occurrences and behavior will be reviewed. This data will provide a framework for the understanding of the site that can be used as an aid in interpreting site-specific data.

Specific questions, such as occurrence of near-surface aquifer, regional groundwater flow directions, effect of surface water on groundwater conditions in the near-surface aquifer, and regional groundwater quality, especially as it pertains to the near-surface aquifer, will be investigated.

3.5.1 SITE GEOLOGY AND HYDROGEOLOGY

Some site-specific geologic data are available for the site. Proposed soil borings and monitoring-well data will provide additional information about the nature, permeability, and on-site transport of contaminants into the subsurface environment. Groundwater data will provide flow directions which are likely to be beneficial if the contaminants are determined to move off-site. The groundwater data will be useful in developing remedial plans for restoring the environment.

3.5.2 HORIZONTAL EXTENT OF CONTAMINATION

The horizontal extent of any plume of contamination is, in large part, governed by the boundary conditions which act upon the near-surface aquifer. To develop a better understanding of the groundwater flow in the near-surface aquifer, wells will be located to estimate the groundwater flow characteristics and to assess the plume of contamination.

3.5.3 RATE OF MOVEMENT

Knowledge of hydraulic conductivity of the near-surface aquifer is required to determine the rate of any contaminant migration. In order to quantify the hydraulic conductivity on-site, permeability testing will be performed in monitoring wells. The intent of in-situ testing will be to obtain hydraulic conductivity values which are representative of the in-situ conditions of the near-surface aquifer.

The actual methods to be employed in the hydraulic conductivity testing will depend on the drawdown/recharge characteristics as seen during well development. Slug testing consisting of rising head test is the method of choice and is proposed.

With knowledge of the in-situ hydraulic conductivity and hydraulic gradient across the site, the rate of groundwater movement can be calculated. This rate will represent the worse case migration potential, in that no consideration will be given for any retardation of plume constituents within the matrix of the soil.

3.6 SOIL TESTING

Split spoon sampling will be conducted in accordance with ASTM D1452 and D1586. A PID meter will be used to screen samples for petroleum products. Soil samples will be recovered and placed into air tight freezer bags for PID measurement. Soil samples with the highest PID reading and within the top 4 feet will be prepared on-site and tested for petroleum constituents and natural attenuation parameters.

Soil samples will be subjected to qualitative screening in the field for volatile organic compounds using a PID meter. Samples for laboratory analysis will be selected on the basis of PID meter readings. If non-detect readings are noted in soil samples of a boring; only one sample is proposed to be submitted for laboratory analysis from each test boring.

We propose to test two soil samples from each contaminated soil boring. Soil samples are proposed to be tested for VOCs, GRO, and Lead by the WDNR/EPA approved methods.

Two soil samples from the vadose zone will be tested for environmental parameters, including total organic carbon, which will help evaluate natural biodegradation potential of the petroleum constituents.

One soil sample will be collected from the top four feet of the ground surface and tested for PVOCs in order to compare with concentration listed in Table 1 of COMM 46. The result will be used in the development of a remedial action plan, if necessary.

3.7 GROUNDWATER MONITORING

Monitoring wells will be developed in accordance with WDNR guidelines (10). Groundwater sampling will be conducted in accordance with the procedures approved by the WDNR (12). Groundwater samples are proposed to be tested for parameters needed to evaluate remediation by natural attenuation (RNA) if groundwater contamination is encountered at the site (11). Those RNA parameters will help determine the nature of contamination plume (stable, expanding, or shrinking) with respect to time and distance.

The first round of groundwater samples will be tested for full VOCs, Lead, dissolved nitrate (IC Method E 300), iron (Colorimetric HACH Method 8146), and sulfate (IC Method E 300). If recommended methods are not available in the selected laboratory, any equivalent methods having the same detection limit will be used.

Second and following rounds of groundwater samples will be tested for PVOCs and Naphthalene.

3.8 IDENTIFICATION OF POTENTIAL RECEPTORS

Information will be collected describing the human populations and environmental systems that may be susceptible to contaminant exposure from the facility. Such information will include:

1. Existing and possible future use of groundwater including the type of use (e.g., municipal, and/or residential drinking water, agricultural, domestic/non-potable and industrial);
2. Location of groundwater users, including wells and discharge areas;
3. Existing and possible uses of surface waters draining the facility;
4. Human use, access to the facility and adjacent lands;
5. A demographic profile of the human population who use or have access to the facility; and
6. A description of any endangered or threatened species near the facility.

This information will be reviewed and may be used to determine whether any interim corrective measures may be necessary at the facility. A water well survey will be conducted and historic aerial photographs reviewed as part of the investigation.

Receptors can be affected by the transfer of a release from one medium to another. Apparent or suspected inter-media transfers of contamination will be addressed. In examining the extent of a release, data will be collected to allow for the identification of potential inter-media transport.

3.9 HEALTH AND SAFETY PLAN

Protecting the health and safety of the investigative team, as well as the general public, is a major concern during the field investigation. This is particularly important in cases where workers may be exposed to known or unknown chemicals, heat stress, physical stress, biologic agents, equipment related injuries, fire and explosion. Many of these hazards are encountered in any type of field study, but exposure to chemical hazards, including toxicity, are major concerns for the investigative team that need to be addressed.

At underground storage tank sites, the hazards are associated with high concentrations of petroleum products in the groundwater. Particular emissions in the air may also be a concern. A HNU meter will be used to monitor quality of air at the project site. Because the investigation will not be conducted in a confined space, special precautions may not be required. However, Level D protection will be required for the staff actively involved in the implementation of the field work.

Level D protection is primarily a work uniform. Level D personal protective equipment includes:

1. Coveralls;
2. Gloves;
3. Boots/shoes, chemical resistant steel toe and shank;
4. Safety glasses or chemical splash goggles; and
5. Hard hat.

The field investigation team will be required to take precaution at Level D. A higher level of protection may be required if data gathered during the field investigation indicates high concentrations of gasoline fumes.

3.10 PERMITS

While the investigation is underway, permits for temporary storage of soil and contaminated water and a conceptual plan for treatment or off-site disposal will be initiated, if necessary. The final permitting requirements will depend on source identification and selected corrective action technology. Private party permits may need to be obtained to conduct off-site installation of monitoring wells and advancement of soil borings.

3.11 SCHEDULE FOR SITE ASSESSMENT ACTIVITIES

The schedule for site assessment activities is based on favorable weather conditions and obtaining permits in a timely manner. Significant coordination will be required between owner Mr. Yogi Bhardwaj, Mangal, LLC and the WDNR for achieving environmental restoration at the site. Additional time may be required to complete the investigation if off-site contamination is encountered and any of the five environmental factors are encountered during site investigation.

SECTION IV. REFERENCES

1. 40 CFR Parts 280 and 281.
2. Phase II Environmental Site Assessment, Marathon Gas Station, 905 E. Main Street, Watertown, WI; Prepared by Ecometrica, Inc., 1400 Lexington Court, Brookfield, WI, prepared for Mr. Yogi Bhardwaj, MANGAL, LLC, P.O. BOX 480, Gurnee, IL 60031; February 15, 2005.
3. Site Assessment for Underground Storage Tanks: Technical Guidance (PUBL-SW-175-92), Wisconsin Department of Natural Resources, September 1992.
4. Investigation and Remediation of Environmental Contamination, Wisconsin Administrative Code, NR 700 – NR 736, WDNR, April 1995.
5. COMM 46 Petroleum Environmental Cleanup Fund Interagency Responsibilities, Wisconsin Department of Commerce, February 22, 1999.
6. COMM 47 Emergency Rules, Wisconsin Department of Commerce, April 21, 1998.
7. RE NEWS, Bureau for Remediation and Redevelopment, WDNR, Volume 9, Number 1, March 1999.
8. Groundwater Monitoring Well Requirements, NR 141, WDNR.
9. RCRA Groundwater Monitoring Technical Enforcement Guidance Document.
10. Monitoring Well Installation and Development Guidelines, Wisconsin Administrative Code, NR 141, 1990.
11. Natural Degradation as a Remedial Action Option – Interim Guidance, WDNR, February 3, 1993.
12. Groundwater Sampling Field Manual, PUBL-DG-038-96, Bureau of Drinking Water and Groundwater, Wisconsin Department of Natural Resources, September 1996.

APPENDIX A

WDNR Correspondence

Wisconsin Department of Natural Resources

Notification of Petroleum Contamination from Underground / Aboveground Storage Tank Systems

Please complete this form and FAX it to the appropriate WDNR contact person (see list on back page) immediately upon discovery of a release from an UST / AST system.

TO: WDNR, Attn: Wendy Weihenmuller
FAX #: 608-275-3338

PLEASE PRINT

1. Name, company, mailing address and phone number of person reporting the discharge:

PRATAP N. SINGH
K. SINGH & ASSOCIATES, INC.
1135 LEGION DRIVE
ELM GROVE, WI 53122

2. Site Information

Name of site at which discharge occurred (local name of site/business -- not responsible party name, unless a residence):

Marathon Gas Station

Location (actual street address, not PO box; if no street address, describe as precisely as possible, i.e., 1/4 mile NW of CTHs 60 & 123 on E side of CTH 60):

905 E. Main Street, Watertown, WI

Municipality (city, village, township in which the site is located -- not mailing address):

County: Jefferson County

Legal Description: SE 1/4, NE 1/4, Section 4, Tn 8N, Range 15 E / W

3. Responsible Party (RP) and/or RP Representative Information

RP / Business Name: MANGAL, LLC.

Contact Person (if different): Yogi Bhardwaj

Mailing Address (with zip code): P.O. Box 480, GURNEE, IL 60031

Telephone Number: 847-910-0052

4. Identity, physical state and quantity of the hazardous substance discharged (check all that apply):

Unleaded gasoline
 Leaded gasoline
 Diesel

Fuel oil
 Waste oil
 Other _____

5. Impacts to the environment (enter "K" for known/confirmed or "P" for potential for all that apply):

<input type="checkbox"/> Fire/explosion threat	<input checked="" type="checkbox"/> Soil contamination
<input type="checkbox"/> Contaminated private wells (# of wells) _____	<input type="checkbox"/> Surface water impacts
<input type="checkbox"/> Contaminated public wells	<input type="checkbox"/> Floating product
<input checked="" type="checkbox"/> Groundwater contamination	<input type="checkbox"/> Other _____

6. Contamination was discovered as a result of:

Tank closure assessment Site assessment (other) _____

On what date: 2/16/05

Additional Comments:

Site assessment consisting of soil borings confirmed the presence of petroleum hydrocarbon in soil.

Benzene at 141 ppb in GP253
MTBE 76 ppb
xylene 293 ppb

Benzene at 38 ppb in GP4-57
xylene 108 ppb

Test results are attached

FAX numbers to report leaking tank sites in DNR's five regions are as follows:

Northeast Region (920-492-5859)

Underground Tanks: Attention - Janis DeBrock

Aboveground Tanks: Attention - Roxanne Chronert

Brown, Calumet, Door, Fond du Lac (*except City of Waupun*), Green Lake, Kewaunee, Manitowoc, Marinette, Marquette, Menominee, Oconto, Outagamie, Shawano, Waupaca, Waushara, Winnebago Counties

Northern Region (715-365-8932); Attention - Janet Kazda:

Ashland, Barron, Bayfield, Burnett, Douglas, Forest, Florence, Iron, Langlade, Lincoln, Oneida, Polk, Price, Rusk, Sawyer, Taylor, Vilas, Washburn Counties

South Central Region (608-275-3338); Attention - Marilyn Jahnke:

Columbia, Crawford, Dane, Dodge, Fond du Lac (*City of Waupun only*), Grant, Green, Iowa, Jefferson, Lafayette, Richland, Rock, Sauk Counties

Southeast Region (414-229-0810); Attention - Mike Farley:

Kenosha, Milwaukee, Ozaukee, Racine, Sheboygan, Walworth, Washington, Waukesha Counties

West Central Region (715-839-6076); Attention - John Grump:

Adams, Buffalo, Chippewa, Clark, Dunn, Eau Claire, Jackson, Juneau, LaCrosse, Marathon, Monroe, Pepin, Pierce, Portage, St. Croix, Trempealeau, Vernon, Wood Counties



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

ORGANIC REPORT

Dilip Singh
 Ecometrica Inc
 PO Box 1066
 Brookfield, WI 53045

BATCH NUMBER: 20050670
 DATE REPORTED: 27-Jan-05
 DATE RECEIVED: 21-Jan-05
 SAMPLE TEMP (C): 20c
 PROJECT ID: 50052
 PROJECT NAME: BP Gas Station

Sample Number: 36082 QC Prep Batch Number: 1007758 Collection: 1/20/2005 Time: 17:15
 Sample ID: GP4-S7 % Solid = 83.6 % Sample Description: 12-14'

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
Gas Range Organics	14	mg/kg	3.5	11	1		WIGRO	445037560	/ 1/25/2005

Approved By:  Date: 1/27/05
 Quality Control Manager

RQ Comment

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

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



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 Department of Natural Resources State Certified Laboratory #241340550

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



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Dilip Singh
 Ecometrica Inc
 PO Box 1066
 Brookfield, WI 53045

ORGANIC REPORT

BATCH NUMBER: 20050670
 DATE REPORTED: 27-Jan-05
 DATE RECEIVED: 21-Jan-05
 SAMPLE TEMP (C): 20c
 PROJECT ID: 50052
 PROJECT NAME: BP Gas Station

Sample Number: 36078 QC Prep Batch Number: 1007758 Collection: 1/20/2005 Time: 12:55
 Sample ID: GP2-S3 % Solid = 85.3 % Sample Description: 4'-6'

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
Gas Range Organics	4.7	mg/kg	3.4	11	1	J	WI GRO	445037560	/ 1/25/2005

Sample Number: 36079 QC Prep Batch Number: 1007758 Collection: 1/20/2005 Time: 14:05
 Sample ID: GP1-S1 % Solid = 88.9 % Sample Description: 0-2'

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
Gas Range Organics	< 3.3	mg/kg	3.3	10	1		WI GRO	445037560	/ 1/25/2005

Sample Number: 36080 QC Prep Batch Number: 1007758 Collection: 1/20/2005 Time: 15:05
 Sample ID: GP3-S3 % Solid = 92.6 % Sample Description: 4-6'

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
Gas Range Organics	< 3.1	mg/kg	3.1	10.0	1		WI GRO	445037560	/ 1/25/2005

Sample Number: 36081 QC Prep Batch Number: 1007758 Collection: 1/20/2005 Time: 16:10
 Sample ID: GP5-S3 % Solid = 86.5 % Sample Description: 4-6'

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
Gas Range Organics	< 3.4	mg/kg	3.4	11	1		WI GRO	445037560	/ 1/25/2005



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 Department of Natural Resources State Certified Laboratory #241340550

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

Dilip Singh
 Ecometrica Inc
 PO Box 1066
 Brookfield, WI 53045

ORGANIC REPORT

BATCH NUMBER: 20050670
 DATE REPORTED: 27-Jan-05
 DATE RECEIVED: 21-Jan-05
 SAMPLE TEMP (C): 20c
 PROJECT ID: 50052
 PROJECT NAME: BP Gas Station

Sample Number: 36078 QC Prep Batch Number: 1007759 Collection: 1/20/2005 Time: 12:55
 Sample ID: GP2-S3 % Solid = 85.3 % Sample Description: 4'-6'

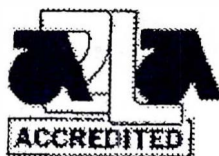
Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
1,2,4-Trimethyl Benzene	176	ug/kg	8.8	28	1		WI PVOC	445037560	/ 1/25/2005
1,3,5-Trimethyl Benzene	129	ug/kg	6.0	19	1		WI PVOC	445037560	/ 1/25/2005
Benzene	141	ug/kg	6.0	19	1		WI PVOC	445037560	/ 1/25/2005
Ethylbenzene	56	ug/kg	7.4	23	1		WI PVOC	445037560	/ 1/25/2005
MTBE	76	ug/kg	6.3	20	1		WI PVOC	445037560	/ 1/25/2005
Toluene	64	ug/kg	7.2	23	1		WI PVOC	445037560	/ 1/25/2005
Xylene, O, M & P-	293	ug/kg	22	71	1		WI PVOC	445037560	/ 1/25/2005

Sample Number: 36079 QC Prep Batch Number: 1007759 Collection: 1/20/2005 Time: 14:05
 Sample ID: GPI-S1 % Solid = 88.9 % Sample Description: 0-2'

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
1,2,4-Trimethyl Benzene	< 8.4	ug/kg	8.4	27	1		WI PVOC	445037560	/ 1/25/2005
1,3,5-Trimethyl Benzene	< 5.7	ug/kg	5.7	18	1		WI PVOC	445037560	/ 1/25/2005
Benzene	< 5.7	ug/kg	5.7	18	1		WI PVOC	445037560	/ 1/25/2005
Ethylbenzene	12	ug/kg	7.1	23	1	J	WI PVOC	445037560	/ 1/25/2005
MTBE	< 6.1	ug/kg	6.1	19	1		WI PVOC	445037560	/ 1/25/2005
Toluene	37	ug/kg	6.9	22	1		WI PVOC	445037560	/ 1/25/2005
Xylene, O, M & P-	< 21	ug/kg	21	68	1		WI PVOC	445037560	/ 1/25/2005

Sample Number: 36080 QC Prep Batch Number: 1007759 Collection: 1/20/2005 Time: 15:05
 Sample ID: GP3-S3 % Solid = 92.6 % Sample Description: 4-6'

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
1,2,4-Trimethyl Benzene	13	ug/kg	8.1	26	1	J	WI PVOC	445037560	/ 1/25/2005



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

Dilip Singh
 Ecometrica Inc
 PO Box 1066
 Brookfield, WI 53045

ORGANIC REPORT

BATCH NUMBER: 20050670
 DATE REPORTED: 27-Jan-05
 DATE RECEIVED: 21-Jan-05
 SAMPLE TEMP (C): 20c
 PROJECT ID: 50052
 PROJECT NAME: BP Gas Station

1,3,5-Trimethyl Benzene	< 5.5	ug/kg	5.5	18	1		WIPVOC	445037560	/	1/25/2005
Benzene	< 5.5	ug/kg	5.5	18	1		WIPVOC	445037560	/	1/25/2005
Ethylbenzene	15	ug/kg	6.8	22	1	J	WIPVOC	445037560	/	1/25/2005
MTBE	< 5.8	ug/kg	5.8	19	1		WIPVOC	445037560	/	1/25/2005
Toluene	32	ug/kg	6.6	21	1		WIPVOC	445037560	/	1/25/2005
Xylene, O, M & P-	46	ug/kg	21	65	1	J	WIPVOC	445037560	/	1/25/2005

Sample Number: 36081 QC Prep Batch Number: 1007759 Collection: 1/20/2005 Time: 16:10
 Sample ID: GP5-S3 % Solid = 86.5 % Sample Description: 4-6'

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date	Extract/Analyzed
1,2,4-Trimethyl Benzene	< 8.7	ug/kg	8.7	28	1		WIPVOC	445037560	/	1/25/2005
1,3,5-Trimethyl Benzene	< 5.9	ug/kg	5.9	19	1		WIPVOC	445037560	/	1/25/2005
Benzene	< 5.9	ug/kg	5.9	19	1		WIPVOC	445037560	/	1/25/2005
Ethylbenzene	14	ug/kg	7.3	23	1	J	WIPVOC	445037560	/	1/25/2005
MTBE	< 6.2	ug/kg	6.2	20	1		WIPVOC	445037560	/	1/25/2005
Toluene	35	ug/kg	7.1	22	1		WIPVOC	445037560	/	1/25/2005
Xylene, O, M & P-	32	ug/kg	22	70	1	J	WIPVOC	445037560	/	1/25/2005

Sample Number: 36082 QC Prep Batch Number: 1007759 Collection: 1/20/2005 Time: 17:15
 Sample ID: GP4-S7 % Solid = 83.6 % Sample Description: 12-14'

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date	Extract/Analyzed
1,2,4-Trimethyl Benzene	78	ug/kg	9.0	29	1		WIPVOC	445037560	/	1/25/2005
1,3,5-Trimethyl Benzene	60	ug/kg	6.1	19	1		WIPVOC	445037560	/	1/25/2005
Benzene	38	ug/kg	6.1	19	1		WIPVOC	445037560	/	1/25/2005
Ethylbenzene	13	ug/kg	7.5	24	1	J	WIPVOC	445037560	/	1/25/2005
MTBE	< 6.5	ug/kg	6.5	21	1		WIPVOC	445037560	/	1/25/2005
Toluene	84	ug/kg	7.3	23	1		WIPVOC	445037560	/	1/25/2005
Xylene, O, M & P-	108	ug/kg	23	72	1		WIPVOC	445037560	/	1/25/2005



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 Department of Natural Resources State Certified Laboratory #241340550

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ORGANIC REPORT

Dilip Singh
Ecometrica Inc
PO Box 1066
Brookfield, WI 53045

BATCH NUMBER: 20050670
DATE REPORTED: 27-Jan-05
DATE RECEIVED: 21-Jan-05
SAMPLE TEMP (C): 20c
PROJECT ID: 50052
PROJECT NAME: BP Gas Station

Approved By: [Signature] Date: 1/27/05
Quality Control Manager

RQ Comment

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

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



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Department of Natural Resources State Certified Laboratory #241340550

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APPENDIX B

City of Watertown Building Permits

Building by Address

<i>Address</i>	<i>Date</i>	<i>Permit Number</i>	<i>Description</i>	<i>Contractor</i>
905 E. MAIN STREET	5/26/1953	53-0687		A.E. BENTZIN
905 E. MAIN STREET	10/2/1957	57-1732		A.E. BENTZIN
905 E. MAIN STREET	4/1/1963	63-2912	FILLING STATION	CONSOLIDATED STATION
905 E. MAIN STREET	12/2/1974	74-7740	roof	CONSOLIDATED STATION
905 E. MAIN STREET	1/2/1975	75-7746	canopy	CONSOLIDATED STATION
905 E. MAIN STREET	11/3/1980	80-0207	INTERIOR REMODELING	MOTL CONSTRUCTION
905 E. MAIN STREET	3/20/1987	87-0023	VOID	VOID
905 E. MAIN STREET	10/31/1988	88-0254	Utility Shed	EMRO MARKETING
905 E. MAIN STREET	10/17/1995	95-350	WALK-IN COOLER	EMRO MARKETING CO.

Premises No. 905 Main St. or Ave.

Application No. 2912

APPLICATION
FOR
BUILDING AND OCCUPANCY PERMIT

Wis. April 1 1963

TO THE CITY ENGINEER: The undersigned hereby applies for a permit to do work herein described and located as shown on the attached sheet of this application. The undersigned agrees that all work will be done in accordance with the zoning ordinance and all other ordinances of the City of Watertown and with all laws of the State of Wisconsin applicable to said premises.

Signed Consolidated Stations, Inc. Owner
P.O. Box 861
Address Oshkosh, Wis.

Signed J. G. [Signature] Agent
Address 104 W. Main St., Watertown, Wis.

Lot No. _____ Block No. _____ Subdivision, Addition or Replat _____

Description if unplatted Part of O.L. 9, 10th Ward

Premises to be occupied as Filling Station

Zoning District Commercial Class of Construction Conc. & Metal

Size 34' feet wide x 12'-10" feet long _____ sq. ft. in area

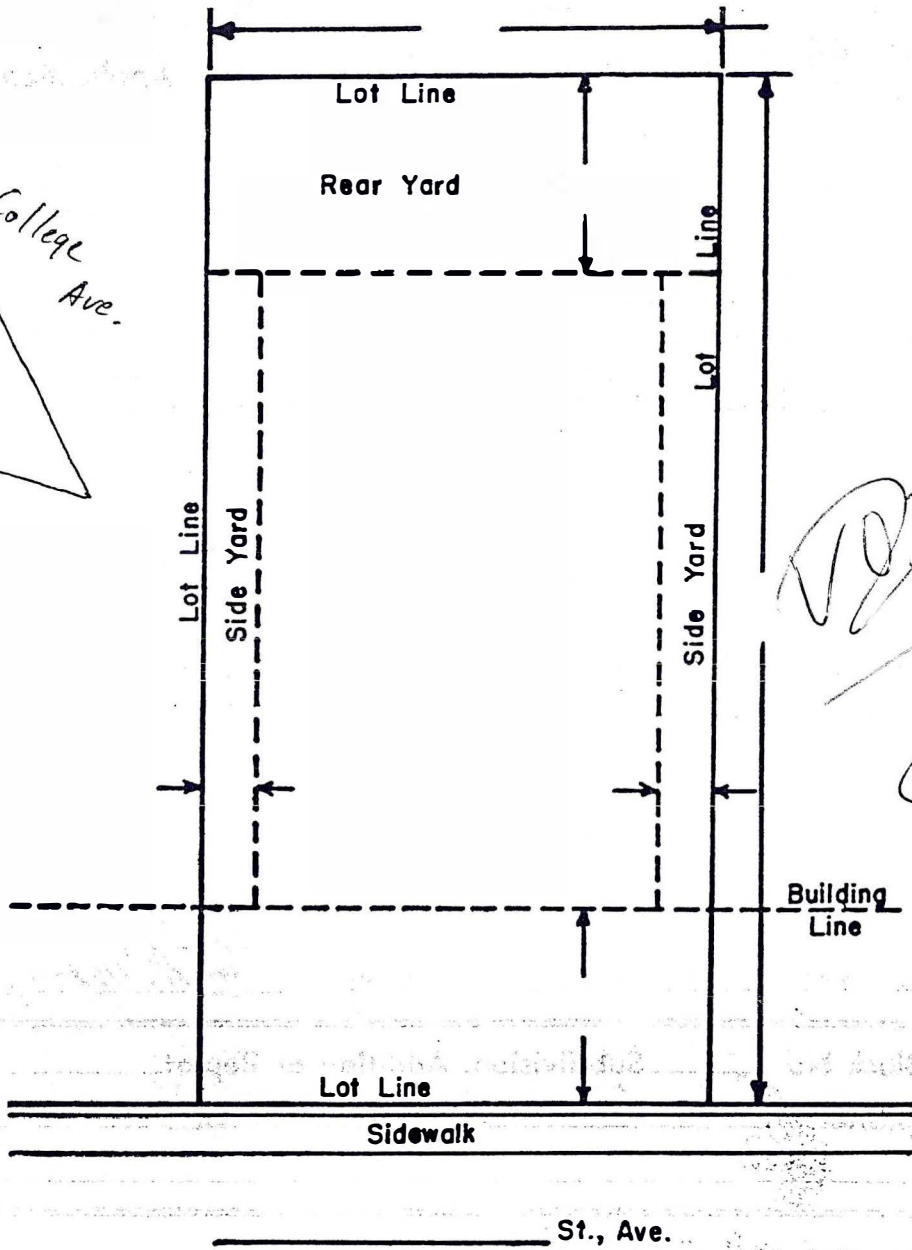
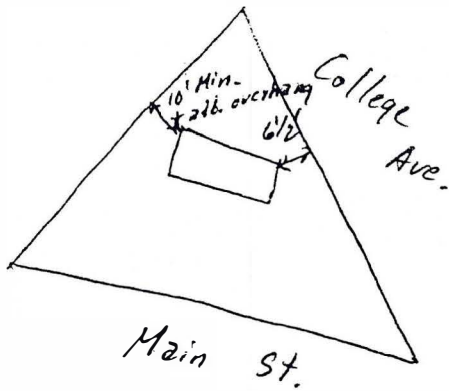
Height _____ feet No. of stories _____

- Work consists of (check)
- New Building
 - Addition _____
 - Repairs _____
 - Alteration _____
 - Moving _____
 - Wrecking

Fee \$ 28.00

Estimated Cost \$ 30,000

Application approved _____
Signed Lloyd W. Weber
CITY ENGINEER



Fill in dimensions on this plat and locate any accessory buildings.

Zoning District _____

LOT PLAN

Address 905 E. Main St.

Application No. 023-87

APPLICATION FOR BUILDING AND OCCUPANCY PERMIT

Watertown, WI March 20, 1987

*VOID
NOT STARTED
WITHIN 6 Mo.*

TO THE INSPECTION DEPARTMENT: The undersigned hereby applies for a permit to do work herein described and located as shown on the attached sheet of this application. The undersigned agrees that all work will be done in accordance with the zoning ordinance and all other ordinances of the City of Watertown and with all laws of the State of Wisconsin applicable to said premises.

Signed _____ Owner | Signed W.M. Incorporated Agent
Address _____ | Address P.O. BOX 2188, Oakdale, Wis.
905 E. Main Beverly Heights

Part of Lot(s) No. _____ Block No. _____ Subdivision, Addition or Replat _____

Description if unplatted Part of O.L. 9 / 10th Ward

Premises to be occupied as Utility shed

Zoning District B-2 Class of Construction metal

Size 10 feet wide X 12 feet long 120 sq. ft. in area

Height _____ feet Cu. Ft. _____ No. of stories _____

Work consists of (check)
New Building
Addition _____
Repairs _____
Alteration _____
Moving _____
Wrecking _____

Minimum Permit Fee 10.00

Cubic Contents — Fee _____

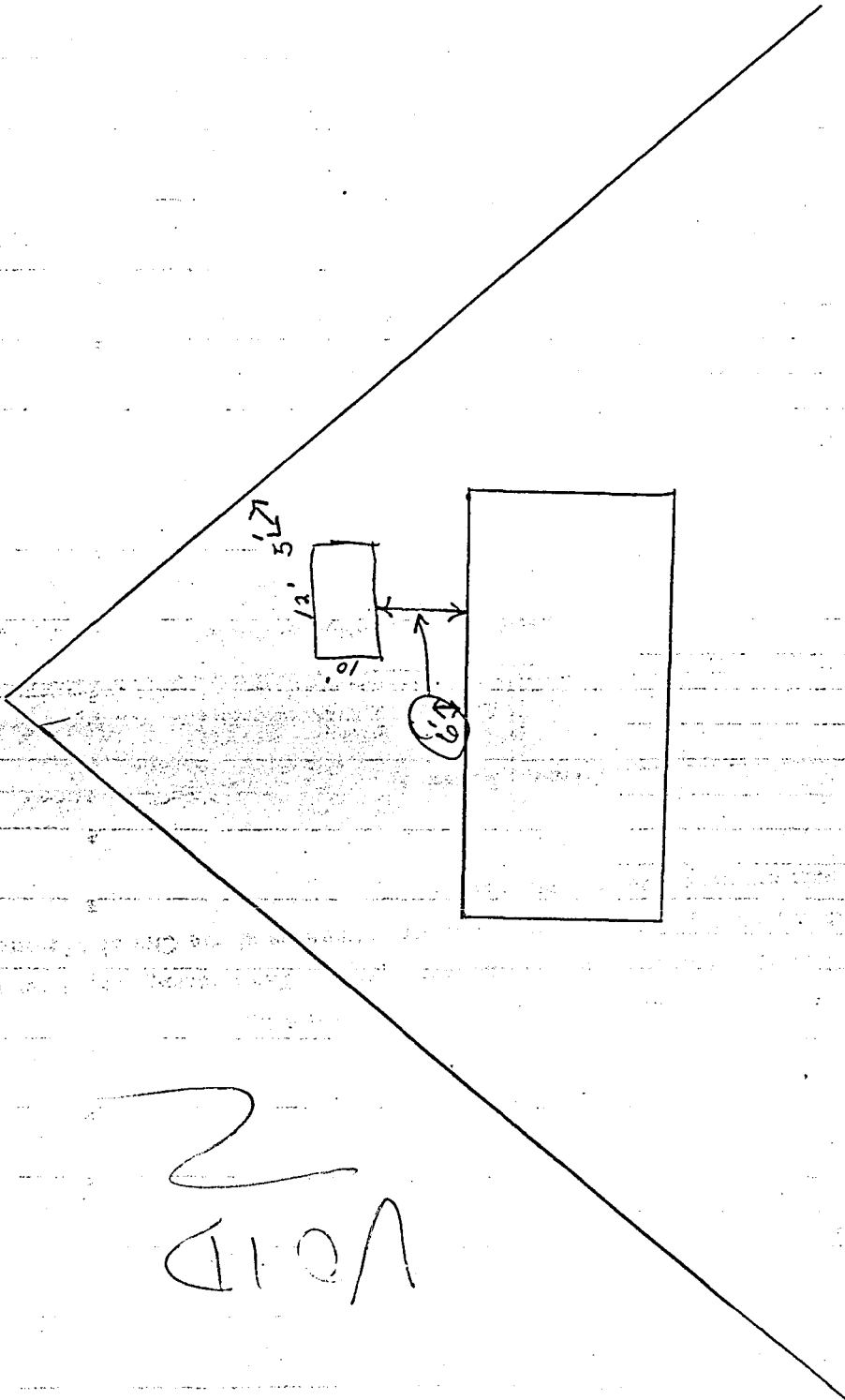
Estimated Cost — ~~700.~~ 700.00

Occupancy Permit
(1 & 2 Family — Residence)
(New Construction) _____

TOTAL \$ 10.00

Signed Ronald C. Mendenhall
BUILDING INSPECTOR

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905 E. Main St.

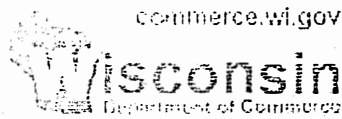
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APPENDIX C

Underground Storage Tank Registration Forms



Tank Detail

Search Instructions

Search by Site, Owner, or Tank Characteristics

Search by Tank ID

Tank Detail

Site and Owner

Site Info	County & Municipality	Owner
Facility ID: 132295 MARATHON WATERTOWN #2029	28 - JEFFERSON	ID: 273338
005 E MAIN STREET	City of WATERTOWN	SPEEDWAY SUPERAMERICA LLC
WATERTOWN	Fire Dept ID: 2809 - Watertown	PO Box 1500
Landowner Type: Private		SPRINGFIELD OH 45501

Underground Storage Tank - ID: 401996, Wang ID: 280900150, Closed/Removed as of 05/01/1987

Install Date:	Capacity in Gallons: 6000	Contents:	Leaded Gasoline
Tank Occupancy: Retail Fuel Sales	Marketer: Y	CAS Number:	
Federally Regulated: Y	Spill Protection: Required - Not Installed	Overfill Protection:	Required - Not Installed
Corrosion Protect Type:	Date of Lining:	Lining Inspected Date:	
Leak Detection: Unknown	Cath Test Date:	Cath Expire Date:	
Leak Test Meth: null	Leak Expire Date:	Leak Test Date:	
Construction Material: Coated Steel	Wall Size: Single	Underground Piping: Y	
Close Order Date:	Close Order By:		

Piping - Closed/Removed

Flex Connectors:	UST mainfolding:	Related Tank ID:
Type:	Aboveground Piping:	Aboveground Pipe Construction:
Construction Material: Unknown	Corrosion Protect Type:	Leak Detection: Unknown
Cath Test Date:	Cath Expire Date:	Leak Test Meth: null
Leak Test Date:	Leak Expire Date:	Pipe Wall Size: Single
Catastrophic Leak Detection:	Cat Leak Test Date:	

Inspections [Click here for login page](#)

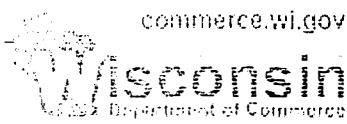
Tanks ID	Type	Status	Date	Fiscal Yr
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** No inspections for this tank **



Close this response window

This document was last revised: 10 November 2004



Tank Detail

Search Instructions

Search by Site, Owner, or Tank Characteristics

Search by Tank ID

Tank Detail

Site and Owner

Site Info	County & Municipality	Owner
Facility ID: 132295 MARATHON WATERTOWN #2029	28 - JEFFERSON	ID: 273338
05 E MAIN STREET	City of WATERTOWN	SPEEDWAY SUPERAMERICA LLC
WATERTOWN	Fire Dept ID: 2809 - Watertown	PO Box 1500
Landowner Type: Private		SPRINGFIELD OH 45501

Underground Storage Tank - ID: 401997, Wang ID: 280900151, Closed/Removed as of 05/01/1987

Install Date:	Capacity in Gallons: 14000	Contents:	Unleaded Gasoline
Tank Occupancy:	Retail Fuel Sales	Marketer:	Y
Federally Regulated:	Y	Spill Protection:	Required - Not Installed
Corrosion Protect Type:		Overfill Protection:	Required - Not Installed
Leak Detection:	Unknown	Date of Lining:	
Leak Test Meth:	null	Cath Test Date:	
Construction Material:	Coated Steel	Leak Expire Date:	
		Wall Size:	Single
		Underground Piping:	Y

Close Order Date: **Close Order By:**

Piping - Closed/Removed

Flex Connectors:	UST mainfolded:	Related Tank ID:
Type:	Aboveground Piping:	Aboveground Pipe Construction:
Construction Material:	Unknown	Leak Detection:
Cath Test Date:		Unknown
Leak Test Date:		Leak Test Meth:
Catastrophic Leak Detection:		Single
	Cat Leak Test Date:	

Inspections [Click here for login page](#)

Tanks ID	Type	Status	Date Fiscal Yr
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**** No inspections for this tank ****



Close this response window

This document was last revised: 10 November 2004



Tank Detail

Search Instructions

Search by Site, Owner, or Tank Characteristics

Search by Tank ID

Tank Detail

Site and Owner

Site Info

Facility ID: 75753 MARATHON WATERTOWN #2029
 905 E MAIN STREET
 WATERTOWN
 Landowner Type: Private

County & Municipality

28 - JEFFERSON
 City of WATERTOWN
 Fire Dept ID: 2809 - Watertown

Owner

ID: 985331
 MANGAL LLC
 PO Box 480
 GURNEE IL 60031

Underground Storage Tank - ID: 402271, Wang ID: 280900442, In Use, PTO Expiration: 02/28/2006

Install Date:	05/01/1987	Capacity in Gallons:	6000	Contents:	Unleaded Gasoline
Tank Occupancy:	Retail Fuel Sales	Marketer:	Y	CAS Number:	
Federally Regulated:	Y	Spill Protection:	Required - Installed	Overfill Protection:	Required - Installed
Corrosion Protect Type:	Not Applicable	Date of Lining:		Lining Inspected Date:	
Leak Detection:	Statistic Inventory Reconciliation	Cath Test Date:		Cath Expire Date:	
Leak Test Meth:	Monthly Monitoring	Leak Expire Date:		Leak Test Date:	12/28/2004
Construction Material:	Fiberglass	Wall Size:	Single	Underground Piping:	Y
Close Order Date:		Close Order By:			

Piping - In Use

Flex Connectors:	UST mainfolded:	N	Related Tank ID:		
Type:	Aboveground Piping:		Aboveground Pipe Construction:		
Construction Material:	Fiberglass	Corrosion Protect Type:	Not Applicable	Leak Detection:	Statistic Inventory Reconciliation
Cath Test Date:		Cath Expire Date:		Leak Test Meth:	Monthly Monitoring
Leak Test Date:	12/28/2004	Leak Expire Date:		Pipe Wall Size:	Single
Catastrophic Leak Detection:	Automatic Shut Off	Cat Leak Test Date:			

Inspections [Click here for login page](#)

Trans ID	Type	Status	Date	Fiscal Yr
13468	AN	CLNI		2004
043873	AN	INVS	02/10/2005	2005





Tank Detail

Search Instructions

Search by Site, Owner, or Tank Characteristics

Search by Tank ID

Tank Detail

Site and Owner

Site Info

Facility ID: 75753 MARATHON WATERTOWN #2029
 905 E MAIN STREET
 WATERTOWN
 Landowner Type: Private

County & Municipality

28 - JEFFERSON
 City of WATERTOWN
 Fire Dept ID: 2809 - Watertown

Owner

ID: 985331
 MANGAL LLC
 PO Box 480
 GURNEE IL 60031

Underground Storage Tank - ID: 402272, Wang ID: 280900443, in Use, PTO Expiration: 02/28/2006

Install Date:	05/01/1987	Capacity in Gallons:	10000	Contents:	Unleaded Gasoline
Tank Occupancy:	Retail Fuel Sales	Marketer:	Y	CAS Number:	
Federally Regulated:	Y	Spill Protection:	Required - Installed	Overfill Protection:	Required - Installed
Corrosion Protect Type:	Not Applicable	Date of Lining:		Lining Inspected Date:	
Leak Detection:	Statistic Inventory Reconciliation	Cath Test Date:		Cath Expire Date:	
Leak Test Meth:	Monthly Monitoring	Leak Expire Date:		Leak Test Date:	12/28/2004
Construction Material:	Fiberglass	Wall Size:	Single	Underground Piping:	Y
Close Order Date:		Close Order By:			

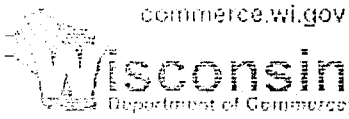
Piping - In Use

Flex Connectors:	UST mainfolded:	N	Related Tank ID:		
Type:	Aboveground Piping:		Aboveground Pipe Construction:		
Construction Material:	Fiberglass	Corrosion Protect Type:	Not Applicable	Leak Detection:	Statistic Inventory Reconciliation
Cath Test Date:		Cath Expire Date:		Leak Test Meth:	Monthly Monitoring
Leak Test Date:	12/28/2004	Leak Expire Date:		Pipe Wall Size:	Single
Catastrophic Leak Detection:	Automatic Shut Off	Cat Leak Test Date:			

Inspections [Click here for login page](#)

Trans ID	Type	Status	Date	Fiscal Yr
13468	AN	CLNI		2004
043873	AN	INVS	02/10/2005	2005





Tank Detail

Search Instructions

Search by Site, Owner, or Tank Characteristics

Search by Tank ID

Tank Detail

Site and Owner

Site Info

Facility ID: 75753 MARATHON WATERTOWN #2029
 905 E MAIN STREET
 WATERTOWN
 Landowner Type: Private

County & Municipality

28 - JEFFERSON
 City of WATERTOWN
 Fire Dept ID: 2809 - Watertown

Owner

ID: 985331
 MANGAL LLC
 PO Box 480
 GURNEE IL 60031

Underground Storage Tank - ID: 402273, Wang ID: 280900444, in Use, PTO Expiration: 02/28/2006

Install Date:	05/01/1987	Capacity in Gallons:	8000	Contents:	Unleaded Gasoline
Tank Occupancy:	Retail Fuel Sales	Marketer:	Y	CAS Number:	
Federally Regulated:	Y	Spill Protection:	Required - Installed	Overfill Protection:	Required - Installed
Corrosion Protect Type:	Not Applicable	Date of Lining:		Lining Inspected Date:	
Leak Detection:	Statistic Inventory Reconciliation	Cath Test Date:		Cath Expire Date:	
Leak Test Meth:	Monthly Monitoring	Leak Expire Date:		Leak Test Date:	12/28/2004
Construction Material:	Fiberglass	Wall Size:	Single	Underground Piping:	Y
Close Order Date:		Close Order By:			

Piping - In Use

Flex Connectors:		UST mainfolded:	N	Related Tank ID:	
Type:		Aboveground Piping:		Aboveground Pipe Construction:	
Construction Material:	Fiberglass	Corrosion Protect Type:	Not Applicable	Leak Detection:	Statistic Inventory Reconciliation
Cath Test Date:		Cath Expire Date:		Leak Test Meth:	Monthly Monitoring
Leak Test Date:	12/28/2004	Leak Expire Date:		Pipe Wall Size:	Single
Catastrophic Leak Detection:	Automatic Shut Off	Cat Leak Test Date:			

Inspections [Click here for login page](#)

Trans ID	Type	Status	Date	Fiscal Yr
13468	AN	CLNI		2004
043873	AN	INVS	02/10/2005	2005



APPENDIX D

Phase II Soil Boring Logs, Borehole Abandonment Forms,
and Soil Quality Test Results

Facility/Project Name Gas Station, 905 E. Main Street, Watertown, WI		License/Permit/Monitoring Number _____	Boring Number SB-1
Boring Drilled By (Firm name and name of crew chief) Inland Environmental Remedial Services, Inc./David Frycek		Date Drilling Started <u>0 1 / 2 0 / 0 5</u> M M D D Y Y	Date Drilling Completed <u>0 1 / 2 0 / 0 5</u> M M D D Y Y
DNR Facility Well No. _____ WI Unique Well No. _____		Common Well Name _____	Drilling Method Geoprobe
Boring Location State Plane _____ N, _____ E S/C/N		Final Static Water Level _____ Feet MSL	Surface Elevation _____ Feet MSL
SE - 1/4 of NE - 1/4 of Section <u>4</u> T. <u>8</u> N. R. <u>15</u> E		Lat <u>0</u> ' _____ "	Borehole Diameter 2 inches
County Jefferson		DNR County Code _____	Local Grid Location (if applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W
		Civil Town/City/or Village City of Watertown	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					Comments	
									Benzene	Ethylbenzene	Toluene	Xylenes	GRO		RQD
S1				Top 6" Concrete, Fill consisting of sand, silt, and gravel	FILL			4.4	ND	12	37	ND	ND		
S2				Silty clay, stiff	CL			2.0							
S3			5	Clayey silt, moist at 10'	CL			2.8							
S4									2.6						
S5			10							2.5					
S6										2.2					
				Boring terminated at 12'											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *David Frycek* Firm **ECOMETRICA, INC.**

This form is authorized by Chapters 144.147 and 162, Wis. Stats. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days, or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

Notice: Please complete Form 3300-5 and return it to the appropriate DNR office and bureau. Completion of this report is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See the instructions for more information.

Route to: Drinking Water Watershed/Wastewater Waste Management Remediation/Redevelopment Other _____

(1) GENERAL INFORMATION		(2) FACILITY/ OWNER INFORMATION	
WI Unique Well No. _____	DNR Well ID No. _____	County Jeffers n	Facility Name Gas Station
Common Well Name <u>SB-1</u> Gov't Lot (If applicable) _____		Facility ID _____	License/Permit/Monitoring No. _____
Grid Location <u>SE</u> 1/4 of <u>NE</u> 1/4 of Sec. <u>4</u> ; T. <u>8</u> N; R. <u>15</u> <input checked="" type="checkbox"/> E <input type="checkbox"/> W		Street Address of Well 905 E. Main Street	
_____ ft. <input type="checkbox"/> N. <input type="checkbox"/> S., _____ ft. <input type="checkbox"/> E. <input type="checkbox"/> W.		City, Village, or Town Water own, WI	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Well Location <input type="checkbox"/>		Present Well Owner _____	Original Owner _____
Lat. _____ Long. _____ " or _____		Street Address or Route of Owner _____	
St. Plane _____ ft. N. _____ ft. E. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Zone _____		City, State, Zip Code _____	
Reason For Abandonment Sample collection complete		WI Unique Well No. _____ of Replacement Well _____	

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION	(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL
Original Construction Date <u>1/20/2005</u>	Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole	Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug	Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	Casing Left in Place? <input type="checkbox"/> Yes <input type="checkbox"/> No
Total Well Depth (ft.) _____ Casing Diameter (in.) _____ (From ground surface) Casing Depth (ft.) _____	Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No
Lower Drillhole Diameter (in.) <u>2</u>	Did Sealing Material Rise to Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No
Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input type="checkbox"/> No
If Yes, To What Depth? _____ Feet	If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No
Depth to Water (Feet) _____	Required Method of Placing Sealing Material
	<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped
	<input type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain) _____
	Sealing Materials
	<input type="checkbox"/> Neat Cement Grout
	<input type="checkbox"/> Sand-Cement (Concrete) Grout
	<input type="checkbox"/> Concrete
	<input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.)
	<input type="checkbox"/> Bentonite-Sand Slurry " "
	<input type="checkbox"/> Bentonite Chips
	For monitoring wells and monitoring well boreholes only
	<input type="checkbox"/> Bentonite Chips
	<input type="checkbox"/> Granular Bentonite
	<input type="checkbox"/> Bentonite - Cement Grout
	<input type="checkbox"/> Bentonite - Sand Slurry

(5) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	(Circle One)	Mix Ratio or Mud Weight
Material recovered from the borehole, bentonite chips	Surface	12			

(6) Comments: The borehole was patched with cement

(7) Name of Person or Firm Doing Sealing Work David Frycek/Inland Env. Remedial Services		Date of Abandonment 1/20/05
Signature of Person Doing Work _____	Date Signed _____	
Street or Route _____	Telephone Number () _____	
City, State, Zip Code _____		

FOR DNR OR COUNTY USE ONLY	
Date Received _____	Noted By _____
Comments _____	

Facility/Project Name Gas Station, 905 E. Main Street, Watertown, WI		License/Permit/Monitoring Number	Boring Number SB-2
Boring Drilled By (Firm name and name of crew chief) Inland Environmental Remedial Services, Inc./David Frycek		Date Drilling Started <u>0 1 / 2 0 / 0 5</u> M M D D Y Y	Date Drilling Completed <u>0 1 / 2 0 / 0 5</u> M M D D Y Y
DNR Facility Well No. / W/ Unique Well No.		Common Well Name	Drilling Method Geoprobe
Boring Location State Plane _____ N, _____ E S/C/N SE - 1/4 of NE - 1/4 of Section <u>4</u> T. <u>8</u> N. R. <u>15</u> E		Final Static Water Level _____ Feet MSL	Surface Elevation _____ Feet MSL
County Jefferson		DNR County Code	Borehole Diameter 2 inches
Civil Town/City/or Village City of Watertown		Local Grid Location (if applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					GRO	RQD	Comments
									Benzene	Ethylbenzene	Toluene	Xylenes				
S1				Top 6" Concrete, Fill consisting of sand, silt, and gravel	FILL			5.0								
S2				Silty clay, stiff	CL			18.0								
S3			5	Silty sand, moist at 6', dark color, petroleum odor	SM			32.8	141	56	64	293	4.7			
S4								10.3								
S5			10	Clayey silt	CL			9.2								
S6			15	Boring terminated at 12'				7.0								

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature [Signature] Firm **ECOMETRICA, INC.**

This form is authorized by Chapters 144.147 and 162, Wis. Stats. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days, or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

Notice: Please complete Form 3300-5 and return it to the appropriate DNR office and bureau. Completion of this report is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See the instructions for more information.

Route to: Drinking Water Watershed/Wastewater Waste Management Remediation/Redevelopment Other _____

(1) GENERAL INFORMATION		(2) FACILITY/ OWNER INFORMATION	
WI Unique Well No.	DNR Well ID No.	County Jefferson	Facility Name Gas Station
Common Well Name <u>SB-2</u> Gov't Lot (If applicable)		Facility ID	License/Permit/Monitoring No.
Grid Location <u>SE</u> 1/4 of <u>NE</u> 1/4 of Sec. <u>4</u> ; T. <u>8</u> N; R. <u>15</u> <input checked="" type="checkbox"/> E <input type="checkbox"/> W		Street Address of Well 905 E. Main Street	
_____ ft. <input type="checkbox"/> N. <input type="checkbox"/> S., _____ ft. <input type="checkbox"/> E. <input type="checkbox"/> W.		City, Village, or Town Watertown, WI	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Well Location <input type="checkbox"/>		Present Well Owner	Original Owner
Lat. _____ Long _____ or		Street Address or Route of Owner	
St. Plane _____ ft. N. _____ ft. E. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Zone		City, State, Zip Code	
Reason For Abandonment Sample collection complete		WI Unique Well No. of Replacement Well _____	

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION	(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL
Original Construction Date <u>1/20/2005</u>	Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable
<input type="checkbox"/> Monitoring Well	Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable
<input type="checkbox"/> Water Well	Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable
<input checked="" type="checkbox"/> Borehole / Drillhole	Casing Left in Place? <input type="checkbox"/> Yes <input type="checkbox"/> No
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug	Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Other (Specify) _____	Did Sealing Material Rise to Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input type="checkbox"/> No
Total Well Depth (ft.) _____ Casing Diameter (in.) _____	If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No
(From ground surface) Casing Depth (ft.) _____	Required Method of Placing Sealing Material
Lower Drillhole Diameter (in.) <u>2</u>	<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped
Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	<input type="checkbox"/> Screened & Poured (Bentonite Chips)
If Yes, To What Depth? _____ Feet	Sealing Materials
Depth to Water (Feet) _____	<input type="checkbox"/> Neat Cement Grout
	<input type="checkbox"/> Sand-Cement (Concrete) Grout
	<input type="checkbox"/> Concrete
	<input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.)
	<input type="checkbox"/> Bentonite-Sand Slurry " "
	<input type="checkbox"/> Bentonite Chips
	For monitoring wells and monitoring well boreholes only
	<input type="checkbox"/> Bentonite Chips
	<input type="checkbox"/> Granular Bentonite
	<input type="checkbox"/> Bentonite - Cement Grout
	<input type="checkbox"/> Bentonite - Sand Slurry

(5) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	(Circle One)	Mix Ratio or Mud Weight
Material recovered from the borehole, bentonite chips	Surface	12			

(6) Comments: The borehole was patched with cement

(7) Name of Person or Firm Doing Sealing Work David Frycek/Inland Env. Remedial Services Date of Abandonment 1/20/05

Signature of Person Doing Work _____ Date Signed _____

Street or Route _____ Telephone Number () _____

City, State, Zip Code _____

FOR DNR OR COUNTY USE ONLY	
Date Received	Noted By
Comments	

- Route To:
- Solid Waste
 - Emergency Response
 - Wastewater
 - Superfund
 - Haz Waste
 - Underground Tanks
 - Water Resources
 - Other

Facility/Project Name Gas Station, 905 E. Main Street, Watertown, WI		License/Permit/Monitoring Number	Boring Number SB-3
Boring Drilled By (Firm name and name of crew chief) Inland Environmental Remedial Services, Inc./David Frycek		Date Drilling Started 0 1 / 2 0 / 0 5 M M D D / Y Y	Date Drilling Completed 0 1 / 2 0 / 0 5 M M D D / Y Y
DNR Facility Well No. / Unique Well No.		Common Well Name	Drilling Method Geoprobe
Boring Location		Final Static Water Level Feet MSL	Surface Elevation Feet MSL
State Plane <u> </u> N, <u> </u> E S/C/N		Local Grid Location (if applicable)	
SE - 1/4 of NE - 1/4 of Section <u>4</u> T. <u>8</u> N. R. <u>15</u> E		<input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
County Jefferson		DNR County Code	Civil Town/City/or Village City of Watertown

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					GRO	RQDA	Comments
									Benzene	Ethylbenzene	Toluene	Xylenes				
S1				Top 6" Concrete, Fill consisting of sand, silt, and gravel	FILL			2.0								
S2								2.0								
S3			5	Silty sand	SM			2.2	ND	15	32	46	ND			
S4								2.0								
S5				Fill, sand and gravel	SP			2.0								
S6			10	Clayey silt, wet at 9'	CL			2.0								
			15	Boring terminated at 12'												

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *David Frycek* Firm **ECOMETRICA, INC.**

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Route to: Drinking Water Watershed/Wastewater Waste Management Remediation/Redevelopment Other _____

(1) GENERAL INFORMATION		(2) FACILITY/ OWNER INFORMATION	
WI Unique Well No.	DNR Well ID No.	County	Jefferson
Common Well Name SB-3		Gov't Lot (If applicable)	
SE 1/4 of NE 1/4 of Sec. 4 ; T. 8 N; R. 15		<input checked="" type="checkbox"/> E <input type="checkbox"/> W	
Grid Location		Street Address of Well	
_____ ft. <input type="checkbox"/> N. <input type="checkbox"/> S., _____ ft. <input type="checkbox"/> E. <input type="checkbox"/> W.		905 E. Main Street	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Well Location <input type="checkbox"/>		City, Village, or Town	
Lat. _____ Long _____		Watertown, WI	
St. Plane _____ ft. N. _____ ft. E. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Zone		Present Well Owner	
Reason For Abandonment		Original Owner	
Sample collection complete		Street Address or Route of Owner	
WI Unique Well No. of Replacement Well _____		City, State, Zip Code	

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION		(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL	
Original Construction Date 1/20/2005		Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
<input type="checkbox"/> Monitoring Well		Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
<input type="checkbox"/> Water Well		Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
<input checked="" type="checkbox"/> Borehole / Drillhole		Casing Left in Place? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Construction Type:		Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No	
<input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug		Did Sealing Material Rise to Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No	
<input type="checkbox"/> Other (Specify) _____		Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Formation Type:		If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No	
<input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		Required Method of Placing Sealing Material	
Total Well Depth (ft.) _____ Casing Diameter (in.) _____		<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped	
(From ground surface) Casing Depth (ft.) _____		<input type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain)	
Lower Drillhole Diameter (in.) 2		Sealing Materials	
Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		<input type="checkbox"/> Neat Cement Grout	
If Yes, To What Depth? _____ Feet		<input type="checkbox"/> Sand-Cement (Concrete) Grout	
Depth to Water (Feet) _____		<input type="checkbox"/> Concrete	
		<input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.)	
		<input type="checkbox"/> Bentonite-Sand Slurry " "	
		<input type="checkbox"/> Bentonite Chips	
		For monitoring wells and monitoring well boreholes only	
		<input type="checkbox"/> Bentonite Chips	
		<input type="checkbox"/> Granular Bentonite	
		<input type="checkbox"/> Bentonite - Cement Grout	
		<input type="checkbox"/> Bentonite - Sand Slurry	

(5)	Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	(Circle One)	Mix Ratio or Mud Weight
	Material recovered from the borehole, bentonite chips	Surface	12			

(6) Comments: The borehole was patched with cement

(7) Name of Person or Firm Doing Sealing Work		Date of Abandonment	
David Frycek/Inland Env. Remedial Services		1/20/05	
Signature of Person Doing Work		Date Signed	
Street or Route		Telephone Number	
City, State, Zip Code		()	

FOR DNR OR COUNTY USE ONLY	
Date Received	Noted By
Comments	

- Route To:
- Solid Waste
 - Emergency Response
 - Wastewater
 - Superfund
 - Haz. Waste
 - Underground Tanks
 - Water Resources
 - Other

Facility/Project Name Gas Station, 905 E. Main Street, Watertown, WI		License/Permit/Monitoring Number _____	Boring Number SB-4
Boring Drilled By (Firm name and name of crew chief) Inland Environmental Remedial Services, Inc./David Frycek		Date Drilling Started <u>0 1 / 2 0 / 0 5</u> M M D D Y Y	Date Drilling Completed <u>0 1 / 2 0 / 0 5</u> M M D D Y Y
DNR Facility Well No.	WI Unique Well No.	Common Well Name	Drilling Method Geoprobe
Final Static Water Level _____ Feet MSL		Surface Elevation _____ Feet MSL	Borehole Diameter 2 inches
Boring Location State Plane _____ N, _____ E S/C/N SE - 1/4 of NE - 1/4 of Section <u>4</u> T. <u>8</u> N. R. <u>15</u> E		Local Grid Location (if applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
County Jefferson	DNR County Code _____	Civil Town/City/or Village City of Watertown	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					Comments
									Benzene	Ethylbenzene	Toluene	Xylenes	GRO	
S1				Top 6" Concrete, gravel	GP			1.8						
S2														
S3			5	Brown fill, sand and gravel with some silt	SP			1.8						
S4								2.0						
S5								2.2						
S6			10	Silty sand, stained, petroleum odor, moist	SM			4.7						
S7								5.5	38	13	84	108	14	
			15	Boring terminated at 14'										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *[Signature]* Firm **ECOMETRICA, INC.**

This form is authorized by Chapters 144.147 and 162, Wis. Stats. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days, or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

Notice: Please complete Form 3300-5 and return it to the appropriate DNR office and bureau. Completion of this report is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See the instructions for more information.

Route to: Drinking Water Watershed/Wastewater Waste Management Remediation/Redevelopment Other _____

(1) GENERAL INFORMATION		(2) FACILITY/ OWNER INFORMATION	
WI Unique Well No.	DNR Well ID No.	County Jefferson	Facility Name Gas Station
Common Well Name <u>SB-4</u> Gov't Lot (if applicable)		Facility ID	License/Permit/Monitoring No.
SE <u>1/4</u> of NE <u>1/4</u> of Sec. <u>4</u> ; T. <u>8</u> N; R. <u>15</u> <input checked="" type="checkbox"/> E <input type="checkbox"/> W		Street Address of Well 905 E. Main Street	
Grid Location _____ ft. <input type="checkbox"/> N. <input type="checkbox"/> S., _____ ft. <input type="checkbox"/> E. <input type="checkbox"/> W.		City, Village, or Town Watertown, WI	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Well Location <input type="checkbox"/>		Present Well Owner	
Lat. _____ Long. _____ or _____		Original Owner	
St. Plane _____ ft. N. _____ ft. E. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Zone		Street Address or Route of Owner	
Reason For Abandonment Sample collection complete		City, State, Zip Code	
WI Unique Well No. _____ of Replacement Well _____			

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION		(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL	
Original Construction Date <u>1/20/2005</u>		Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
<input type="checkbox"/> Monitoring Well		Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
<input type="checkbox"/> Water Well		Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
<input checked="" type="checkbox"/> Borehole / Drillhole		Casing Left in Place? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug		Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No	
<input type="checkbox"/> Other (Specify) _____		Did Sealing Material Rise to Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Total Well Depth (ft.) _____ Casing Diameter (in.) _____		If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No	
(From ground surface) Casing Depth (ft.) _____		Required Method of Placing Sealing Material	
Lower Drillhole Diameter (in.) <u>2</u>		<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped	
Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		<input type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain)	
If Yes, To What Depth? _____ Feet		Sealing Materials	
Depth to Water (Feet) _____		<input type="checkbox"/> Neat Cement Grout	
		For monitoring wells and monitoring well boreholes only	
		<input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Bentonite Chips	
		<input type="checkbox"/> Concrete <input type="checkbox"/> Granular Bentonite	
		<input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.) <input type="checkbox"/> Bentonite - Cement Grout	
		<input type="checkbox"/> Bentonite-Sand Slurry " " <input type="checkbox"/> Bentonite - Sand Slurry	
		<input type="checkbox"/> Bentonite Chips	

(5) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	(Circle One)	Mix Ratio or Mud Weight
Material recovered from the borehole, bentonite chips	Surface	14			

(6) Comments: The borehole was patched with cement

(7) Name of Person or Firm Doing Sealing Work David Frycek/Inland Env. Remedial Services		Date of Abandonment 1/20/05
Signature of Person Doing Work		Date Signed
Street or Route		Telephone Number ()
City, State, Zip Code		

FOR DNR OR COUNTY USE ONLY	
Date Received	Noted By
Comments	

Facility/Project Name Gas Station, 905 E. Main Street, Watertown, WI		License/Permit/Monitoring Number	Boring Number SB-5
Boring Drilled By (Firm name and name of crew chief) Inland Environmental Remedial Services, Inc./David Frycek		Date Drilling Started <u>0 1 / 2 0 / 0 5</u> M M D D Y Y	Date Drilling Completed <u>0 1 / 2 0 / 0 5</u> M M D D Y Y
DNR Facility Well No. _____		Common Well Name	Drilling Method Geoprobe
DNR Unique Well No. _____		Final Static Water Level _____ Feet MSL	Surface Elevation _____ Feet MSL
Boring Location		Borehole Diameter 2 inches	
State Plane _____ N, _____ E S/C/N		Local Grid Location (if applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
SE - 1/4 of NE - 1/4 of Section <u>4</u> T. <u>8</u> N. R. <u>15</u> E		Feet _____ Feet _____	
County Jefferson		DNR County Code	Civil Town/City/or Village City of Watertown

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					Comments		
									Benzene	Ethylbenzene	Toluene	Xylenes	GRO		RQD	
S1				Top 6" Concrete, Fill consisting of sand, silt, and gravel	FILL			1.5								
S2				Silty clay, stain, no odor	CL			1.5								
S3			5	Fill, sand and gravel	FILL			2.7	ND	15	32	46	ND			
S4				Clayey silt, wet at 8'	CL			2.0								
S5									2.1							
S6			10							1.8						
			15	Boring terminated at 12'												

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *[Signature]* Firm **ECOMETRICA, INC.**

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Route to: Drinking Water Watershed/Wastewater Waste Management Remediation/Redevelopment Other _____

(1) GENERAL INFORMATION		(2) FACILITY/ OWNER INFORMATION	
WI Unique Well No. _____	DNR Well ID No. _____	County Jefferson	
Common Well Name <u>SB-5</u> Gov't Lot (if applicable) _____		Facility Name Gas Station	Facility ID _____
SE <u>1/4</u> of NE <u>1/4</u> of Sec. <u>4</u> ; T. <u>8</u> N; R. <u>15</u> <input checked="" type="checkbox"/> E <input type="checkbox"/> W Grid Location _____ ft. <input type="checkbox"/> N. <input type="checkbox"/> S., _____ ft. <input type="checkbox"/> E. <input type="checkbox"/> W.		License/Permit/Monitoring No. _____	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Well Location <input type="checkbox"/>		Street Address of Well 905 E. Main Street	
Lat. _____ Long. _____ " or _____		City, Village, or Town Watertown, WI	
St. Plane _____ ft. N. _____ ft. E. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Zone _____		Present Well Owner _____ Original Owner _____	
Reason For Abandonment Sample collection complete		Street Address or Route of Owner _____	
WI Unique Well No. _____ of Replacement Well _____		City, State, Zip Code _____	

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION	(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL
Original Construction Date <u>1/20/2005</u> <input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole If a Well Construction Report is available, please attach. Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (Specify) _____ Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock Total Well Depth (ft.) _____ Casing Diameter (in.) _____ (From ground surface) Casing Depth (ft.) _____ Lower Drillhole Diameter (in.) <u>2</u> Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet Depth to Water (Feet) _____	Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable Casing Left in Place? <input type="checkbox"/> Yes <input type="checkbox"/> No Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No Did Sealing Material Rise to Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain) _____ Sealing Materials For monitoring wells and monitoring well boreholes only <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Bentonite Chips <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.) <input type="checkbox"/> Bentonite - Sand Slurry <input type="checkbox"/> Bentonite-Sand Slurry " " <input type="checkbox"/> Bentonite - Sand Slurry

(5) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	(Circle One)	Mix Ratio or Mud Weight
Material recovered from the borehole, bentonite chips	Surface	12			

(6) Comments: The borehole was patched with cement

(7) Name of Person or Firm Doing Sealing Work David Frycek/Inland Env. Remedial Services		Date of Abandonment 1/20/05
Signature of Person Doing Work _____		Date Signed _____
Street or Route _____	Telephone Number () _____	
City, State, Zip Code _____		

FOR DNR OR COUNTY USE ONLY	
Date Received _____	Noted By _____
Comments _____	



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

ORGANIC REPORT

Dilip Singh
 Ecometrica Inc
 PO Box 1066
 Brookfield, WI 53045

BATCH NUMBER: 20050670
 DATE REPORTED: 27-Jan-05
 DATE RECEIVED: 21-Jan-05
 SAMPLE TEMP (C): 20c
 PROJECT ID: 50052
 PROJECT NAME: BP Gas Station

Sample Number: 36082 QC Prep Batch Number: 1007758 Collection: 1/20/2005 Time: 17:15
 Sample ID: GP4-S7 % Solid = 83.6 % Sample Description: 12-14'

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
Gas Range Organics	14	mg/kg	3.5	11	1		WIGRO	445037560	/ 1/25/2005

Approved By:  Date: 1/27/05^{AW}
 Quality Control Manager

RQ Comment

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

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



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 Department of Natural Resources State Certified Laboratory #241340550

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



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Dilip Singh
 Ecometrica Inc
 PO Box 1066
 Brookfield, WI 53045

ORGANIC REPORT

BATCH NUMBER: 20050670
 DATE REPORTED: 27-Jan-05
 DATE RECEIVED: 21-Jan-05
 SAMPLE TEMP (C): 20c
 PROJECT ID: 50052
 PROJECT NAME: BP Gas Station

Sample Number: 36078 QC Prep Batch Number: 1007758 Collection: 1/20/2005 Time: 12:55
 Sample ID: GP2-S3 % Solid = 85.3 % Sample Description: 4'-6'

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
Gas Range Organics	4.7	mg/kg	3.4	11	1	J	WI GRO	445037560	/ 1/25/2005

Sample Number: 36079 QC Prep Batch Number: 1007758 Collection: 1/20/2005 Time: 14:05
 Sample ID: GP1-S1 % Solid = 88.9 % Sample Description: 0-2'

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
Gas Range Organics	< 3.3	mg/kg	3.3	10	1		WI GRO	445037560	/ 1/25/2005

Sample Number: 36080 QC Prep Batch Number: 1007758 Collection: 1/20/2005 Time: 15:05
 Sample ID: GP3-S3 % Solid = 92.6 % Sample Description: 4-6'

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
Gas Range Organics	< 3.1	mg/kg	3.1	10.0	1		WI GRO	445037560	/ 1/25/2005

Sample Number: 36081 QC Prep Batch Number: 1007758 Collection: 1/20/2005 Time: 16:10
 Sample ID: GP5-S3 % Solid = 86.5 % Sample Description: 4-6'

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
Gas Range Organics	< 3.4	mg/kg	3.4	11	1		WI GRO	445037560	/ 1/25/2005



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 Department of Natural Resources State Certified Laboratory #241340550

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Dilip Singh
 Ecometrica Inc
 PO Box 1066
 Brookfield, WI 53045

ORGANIC REPORT

BATCH NUMBER: 20050670
 DATE REPORTED: 27-Jan-05
 DATE RECEIVED: 21-Jan-05
 SAMPLE TEMP (C): 20c
 PROJECT ID: 50052
 PROJECT NAME: BP Gas Station

Sample Number: 36078 QC Prep Batch Number: 1007759 Collection: 1/20/2005 Time: 12:55
 Sample ID: GP2-S3 % Solid = 85.3 % Sample Description: 4-6'

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
1,2,4-Trimethyl Benzene	176	ug/kg	8.8	28	1		WI PVOC	445037560	/ 1/25/2005
1,3,5-Trimethyl Benzene	129	ug/kg	6.0	19	1		WI PVOC	445037560	/ 1/25/2005
Benzene	141	ug/kg	6.0	19	1		WI PVOC	445037560	/ 1/25/2005
Ethylbenzene	56	ug/kg	7.4	23	1		WI PVOC	445037560	/ 1/25/2005
MTBE	76	ug/kg	6.3	20	1		WI PVOC	445037560	/ 1/25/2005
Toluene	64	ug/kg	7.2	23	1		WI PVOC	445037560	/ 1/25/2005
Xylene, O, M & P-	293	ug/kg	22	71	1		WI PVOC	445037560	/ 1/25/2005

Sample Number: 36079 QC Prep Batch Number: 1007759 Collection: 1/20/2005 Time: 14:05
 Sample ID: GP1-S1 % Solid = 88.9 % Sample Description: 0-2'

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
1,2,4-Trimethyl Benzene	< 8.4	ug/kg	8.4	27	1		WI PVOC	445037560	/ 1/25/2005
1,3,5-Trimethyl Benzene	< 5.7	ug/kg	5.7	18	1		WI PVOC	445037560	/ 1/25/2005
Benzene	< 5.7	ug/kg	5.7	18	1		WI PVOC	445037560	/ 1/25/2005
Ethylbenzene	12	ug/kg	7.1	23	1	J	WI PVOC	445037560	/ 1/25/2005
MTBE	< 6.1	ug/kg	6.1	19	1		WI PVOC	445037560	/ 1/25/2005
Toluene	37	ug/kg	6.9	22	1		WI PVOC	445037560	/ 1/25/2005
Xylene, O, M & P-	< 21	ug/kg	21	68	1		WI PVOC	445037560	/ 1/25/2005

Sample Number: 36080 QC Prep Batch Number: 1007759 Collection: 1/20/2005 Time: 15:05
 Sample ID: GP3-S3 % Solid = 92.6 % Sample Description: 4-6'

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Extract/Analyzed
1,2,4-Trimethyl Benzene	13	ug/kg	8.1	26	1	J	WI PVOC	445037560	/ 1/25/2005



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 Department of Natural Resources State Certified Laboratory #241340550

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

Dilip Singh
 Ecometrica Inc
 PO Box 1066
 Brookfield, WI 53045

ORGANIC REPORT

BATCH NUMBER: 20050670
 DATE REPORTED: 27-Jan-05
 DATE RECEIVED: 21-Jan-05
 SAMPLE TEMP (C): 20c
 PROJECT ID: 50052
 PROJECT NAME: BP Gas Station

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date
1,3,5-Trimethyl Benzene	< 5.5	ug/kg	5.5	18	1		WI PVOC 445037560		1/25/2005
Benzene	< 5.5	ug/kg	5.5	18	1		WI PVOC 445037560		1/25/2005
Ethylbenzene	15	ug/kg	6.8	22	1	J	WI PVOC 445037560		1/25/2005
MTBE	< 5.8	ug/kg	5.8	19	1		WI PVOC 445037560		1/25/2005
Toluene	32	ug/kg	6.6	21	1		WI PVOC 445037560		1/25/2005
Xylene, O, M & P-	46	ug/kg	21	65	1	J	WI PVOC 445037560		1/25/2005

Sample Number: 36081 QC Prep Batch Number: 1007759 Collection: 1/20/2005 Time: 16:10
 Sample ID: GP5-S3 % Solid = 86.5 % Sample Description: 4-6'

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date
1,2,4-Trimethyl Benzene	< 8.7	ug/kg	8.7	28	1		WI PVOC 445037560		1/25/2005
1,3,5-Trimethyl Benzene	< 5.9	ug/kg	5.9	19	1		WI PVOC 445037560		1/25/2005
Benzene	< 5.9	ug/kg	5.9	19	1		WI PVOC 445037560		1/25/2005
Ethylbenzene	14	ug/kg	7.3	23	1	J	WI PVOC 445037560		1/25/2005
MTBE	< 6.2	ug/kg	6.2	20	1		WI PVOC 445037560		1/25/2005
Toluene	35	ug/kg	7.1	22	1		WI PVOC 445037560		1/25/2005
Xylene, O, M & P-	32	ug/kg	22	70	1	J	WI PVOC 445037560		1/25/2005

Sample Number: 36082 QC Prep Batch Number: 1007759 Collection: 1/20/2005 Time: 17:15
 Sample ID: GP4-S7 % Solid = 83.6 % Sample Description: 12-14'

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date
1,2,4-Trimethyl Benzene	78	ug/kg	9.0	29	1		WI PVOC 445037560		1/25/2005
1,3,5-Trimethyl Benzene	60	ug/kg	6.1	19	1		WI PVOC 445037560		1/25/2005
Benzene	38	ug/kg	6.1	19	1		WI PVOC 445037560		1/25/2005
Ethylbenzene	13	ug/kg	7.5	24	1	J	WI PVOC 445037560		1/25/2005
MTBE	< 6.5	ug/kg	6.5	21	1		WI PVOC 445037560		1/25/2005
Toluene	84	ug/kg	7.3	23	1		WI PVOC 445037560		1/25/2005
Xylene, O, M & P-	108	ug/kg	23	72	1		WI PVOC 445037560		1/25/2005



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ORGANIC REPORT

Dilip Singh
Ecometrica Inc
PO Box 1066
Brookfield, WI 53045

BATCH NUMBER: 20050670
DATE REPORTED: 27-Jan-05
DATE RECEIVED: 21-Jan-05
SAMPLE TEMP (C): 20c
PROJECT ID: 50052
PROJECT NAME: BP Gas Station

Approved By: [Signature] Date: 1/27/05
Quality Control Manager

RQ Comment

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

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



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