Site Location:

Auto Safety Center
444 N. Main Street
West Bend, Wisconsin 53095

09-67-291447

UST REMOVAL AND SITE CLOSURE ASSESSMENT
Auto Safety Center
April 1, 1992

Recieved
SL

Prepared For:
Mr. Roger Berth
Auto Safety Center
444 N. Main Street
West Bend, WI 53095

Submitted By:
Cooper Environmental Resources, Inc.
1411 N. Main Street
West Bend, WI 53095

Return this form to:
Wisconsin Department of Natural Resources
Tank Response Unit - Annual Report SW/3
P.O. Box 7921
Madison, WI 53707

ANNUAL SITE STATUS FORM
LEAKING UNDERGROUND STORAGE TANK (LUST) SITE

Form 4400-161 5-93

INSTRUCTIONS: The information on this form will be used to monitor progress on site clean up, and to determine whether action by the Department is necessary to attain compliance with s. 144.76, Wis. Stats., Hazardous Substance Spills. Personally identifiable information on this form will be used by the Department for no other purpose. This voluntary form is for actions taken in the preceding calendar year. Actions taken at LUST sites in other years are not to be included, unless specified below. A separate form is to be completed for each site. This form is to be completed in addition to technical reports which have been submitted to the Department.

SITE IDENTIFICATION

Site Name: Auto Safety Center	Site Owner's Name: Roger M. Berth
Site Address: 444 N. Main St.	Site Owner's Telephone Number: 414-334-7241
City, State, Zip Code (Site Address): West Bend, Wi. 53075	Environmental Consulting Firm:
County in Which Site is Located: Washington	DNR Site Identification Number: SED-2134 (from DNR correspondence)

SITE STATUS - Check all which apply, enter yards and gallons in the spaces provided. **Definitions are on back of page.**

___ Field Investigation - This site was still being investigated in the preceding calendar year to identify the extent of contamination.

___ Soil Excavation in preceding calendar year.
(Indicate cubic yards for each below.)

- ___ yds^3 Landfilled
- ___ yds^3 Mixed into asphalt
- ___ yds^3 Thermal treatment process ("incineration")
- ___ yds^3 Thinspead
- ___ yds^3 Excavated and placed into active bioremediation
- ___ yds^3 Landspread (Ch. NR 518, Wis. Adm. Code)
- ___ yds^3 Placed in a stockpile awaiting treatment or disposal
- ___ yds^3 Other: ___

___ In-situ (in place) Soil Treatment in preceding calendar year.
(Indicate systems active in 1992, regardless of the year started.)

- ___ (est.) yds^3 Soil vapor extraction system
- ___ (est.) yds^3 Natural (passive) contaminant biodegradation
- ___ (est.) yds^3 Active bioremediation
- ___ (est.) yds^3 Other: ___

___ Groundwater Treatment in preceding calendar year

- ___ gals. Pumped and airstripped
- ___ gals. Pumped and other aboveground treatment
- Type of treatment unit - ___
- ___ (est.) gals. Air sparging
- ___ (est.) gals. Active groundwater bioremediation
- ___ gals. Other: ___

___ Free Product Recovery - ___ gallons of petroleum product were removed from the water table at this site in the preceding calendar year.

Signature: Roger M. Berth Date Signed: 7-9-93

✓ Site owner
___ Other (indicate your relationship to this site) ___

Please use this space and the back of the page to provide any additional information you would like the Department to have regarding the status of this site.

Thank You. One drain oil tank was removed (Cooper) and there is a clean closure statement on file. Three gasoline tanks were abandoned in place and filled with stone in Nov. 1988, under the supervision of the local fire marshall. Proper paper work was filed at that time.

Rich LaBuda

CERTIFICATION

This UST Removal and Site Closure Assessment Report

for
Auto Safety Center
dated April 1, 1992

was prepared by
certified hydrogeologists as
defined in NR 500.03 (64)

Jeanne Marie Mathys

Jeanne Marie Mathys
Cooper Environmental Resources, Inc.
Staff Hydrogeologist

Robert L. Hackenberg

Robert L. Hackenberg, R.P.G.
Cooper Environmental Resources, Inc.
Director of Operations/Senior Hydrogeologist

FACILITY DESCRIPTION ABSTRACT

Site Location:	Auto Safety Center 444 N. Main Street West Bend, WI 53095 Attn: Mr. Roger Berth-Owner (414) 334-7241
Site Description:	SE 1/4, SE 1/4, Section 11, Township 11 North, Range 11 East City of West Bend Washington County, Wisconsin
Type of Operation:	Auto Service Center
Tank Removal:	One 500 gallon steel waste oil
Project Description:	Removal of one underground storage tank and site closure assessment

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Attachment 2 Tank and Sludge Receipts

1.0 INTRODUCTION

Cooper Environmental Resources, Incorporated (CERI) was contracted by Mr. Roger Berth, to provide environmental services relating to the removal of one underground storage tank (UST). The project site is located at Auto Safety Center, 444 North Main Street, West Bend, Wisconsin (Figure 1-1). One 500 gallon steel coated waste oil tank was removed on January 28, 1992.

The project site is located in a mixed light manufacturing/commercial district. The site is used as an auto repair facility. Past property usage includes the retail sale of motor fuels.

The scope of services provided by CERI during the UST removal included the documentation of the condition of the UST at the time of removal, documentation of soil type(s), and the condition of soil and groundwater (if any) within the excavation. The collection/chemical analysis of selected soil samples was also a part of the work scope.

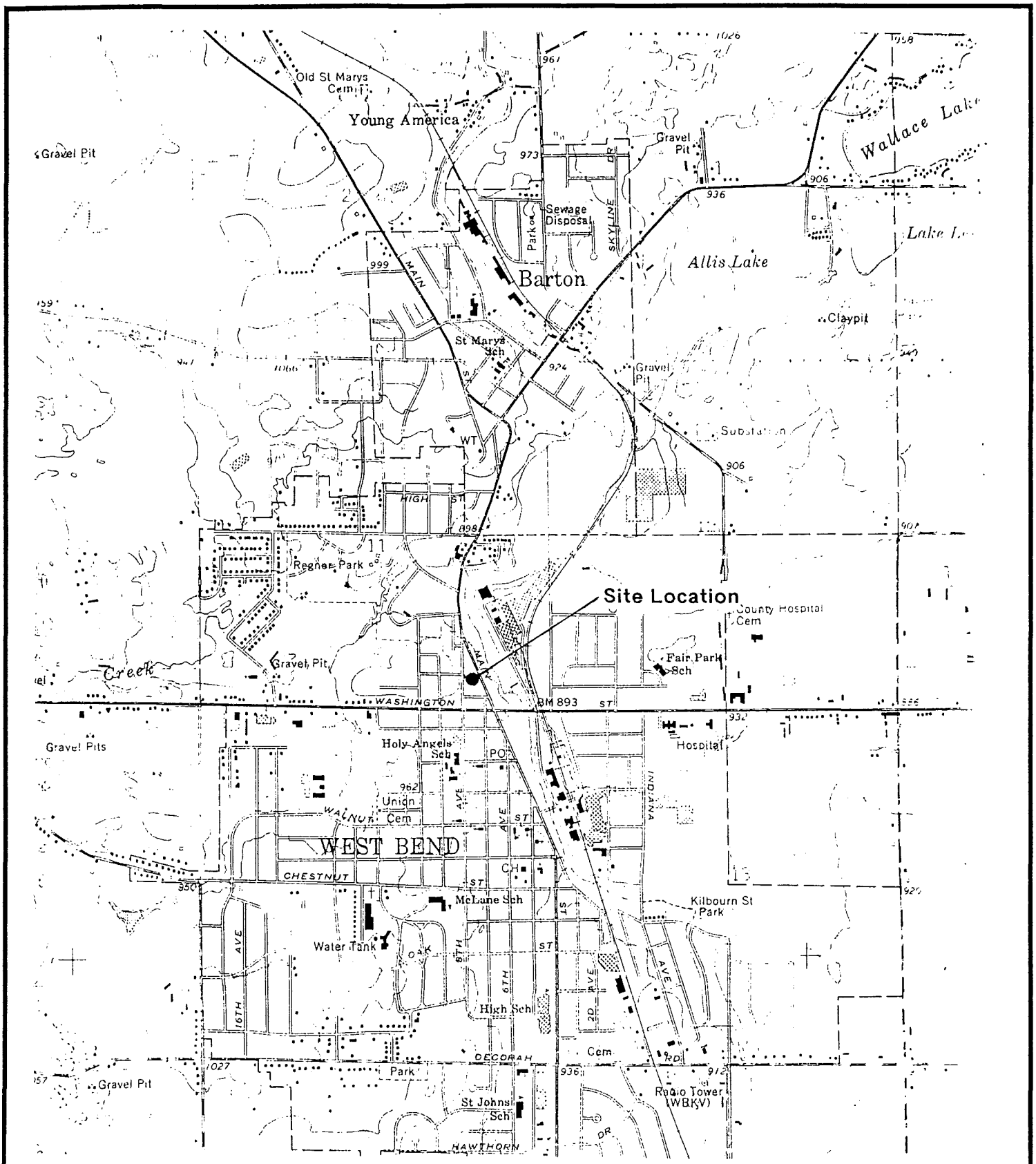

Figure 1–1

SITE LOCATION MAP
Auto Safety Center
444 N. Main St.
West Bend, WI

Scale: 1:24000

Source: USGS 1976

Cooper
ENVIRONMENTAL RESOURCES INC.
1411 North Main Street, West Bend, Wisconsin 53095

Date: 1-28-92

Drawn By: MCV

2.0 SITE BACKGROUND

2.1 Physiography

The elevation of the site is approximately 920 feet above Mean Sea Level (MSL). The surrounding topography slopes toward the Milwaukee River approximately 0.06 miles to the east.

2.1.1 Soils

Site soils are characterized by the Hochheim Series, which consists of gently sloping to very steep, well drained soils that formed in calcareous loamy till. In a typical profile the surface layer is mildly alkaline, very dark grayish-brown silt loam about seven inches thick.

The subsoil, about eleven inches thick, is mildly alkaline. The upper part is brown silty clay loam that has thick clay films on the soil aggregates. The middle part is reddish-brown clay loam that also has thick clay films on the peds. The lower part is brown loam.

The substratum is calcareous, yellowish-brown and brownish-yellow sandy loam glacial till. Permeability is moderate (0.63-2.0 inches per hour). Internal drainage is medium and natural fertility is moderate.

2.2 Geology

The geologic units underlying the Milwaukee River Watershed, in ascending order, consist of Precambrian crystalline rocks, layered Paleozoic sedimentary rocks and unconsolidated Pleistocene glacial deposits. Only the glacial deposits and the youngest Paleozoic sedimentary rocks are exposed in the watershed (SEWRPC, 1970).

2.2.1 Bedrock Geology

A series of sedimentary rocks overlies Precambrian crystalline rocks. Cambrian sandstones are thin or absent at the site location.

Ordovician rocks in the watershed consist of sandstone, dolomite and shale. Dolomite rocks of the Prairie du chien group are generally absent at the site location, however, Ordovician formations younger than Prairie du Chien group are present throughout the watershed.

The St. Peter sandstone was deposited on an irregular erosion surface that cut deeply into the underlying Prairie du Chien group and the Cambrian formations. The thickness of the St. Peter sandstone ranges between 95 and 170 feet.

The Platteville Formation, Decorah Formation, and Galena dolomite were deposited in succession on top of the St. Peter sandstone, but are not differentiated in the watershed. The combined thickness of these dolomite units is generally between 220-260 feet. Above these is the Maquoketa shale which ranges between 140 and 200 feet thick. All the Ordovician rocks dip generally eastward.

Silurian rocks consisting of undifferentiated dolomite strata overly the Maquoketa shale and dip generally eastward. They form the bedrock beneath the glacial deposits in most of the watershed. Thickness of the Silurian rock unit ranges between 100 and 300 feet thick in the site area. The depth to bedrock (Silurian dolomite) is approximately 100 feet (SEWRPC, 1970).

2.2.2 Pleistocene Geology

Glacial drift overlies bedrock in the area of the site. It consists of unsorted till, which was deposited as ground and end moraines, and of sorted and stratified outwash and glacial lake deposits. The site is situated upon glacial outwash and kame deposits. These glacial deposits are found throughout Washington County and the Kettle Moraine region. The thickness of the glacial deposits at the site is approximately 100 feet.

2.3 Hydrogeology

2.3.1 Bedrock and Glacial Aquifers

There are three principal aquifers underlying the Milwaukee River Watershed; the sandstone aquifer, the dolomite aquifer and the sand and gravel aquifer (Table 2-1). The sandstone and dolomite aquifers are the two most widely used for water supply needs. These two aquifers underlie the entire watershed and are generally available for use at any locality. The sand and gravel aquifer is of less importance because it is present mainly in the more rural western and northern areas of the watershed.

STRATIGRAPHIC UNITS AND HYDRAULIC CHARACTERISTICS OF THE MAJOR AQUIFERS OF THE MILWAUKEE RIVER WATERSHED[a]

MAJOR AQUIFER	STRATIGRAPHIC UNIT	WATER-BEARING CHARACTERISTICS	RANGE OF AQUIFER HYDRAULIC CHARACTERISTICS			
			SATURATED THICKNESS (FT.)	AVERAGE TRANSMISSIVITY (GPD/FT.)	STORAGE COEFFICIENT	AVERAGE RECHARGE RATE (GPD/SQ. MI.)
SAND AND GRAVEL	ALLUVIUM	SATURATED SAND AND GRAVEL UNITS VERY PERMEABLE BUT THIN. NOT IMPORTANT AS AN AQUIFER.	10-200[b]	10,000-200,000	0.0001-0.2	48,000-191,000
	GLACIAL DEPOSITS	SATURATED SAND AND GRAVEL UNITS VERY PERMEABLE.				
DOLOMITE	MILWAUKEE FORMATION THIENSVILLE FORMATION LAKE CHURCH FORMATION	PERMEABILITY LOW.	0-600	2,000-10,000	0.0001-0.005	<10,000-143,000
	DOLOMITE UNDIFFERENTIATED	PERMEABILITY GENERALLY LOW. SOLUTION CAVITIES AND CREVICES PRESENT THROUGH-OUT BUT DENSITY OF OPENINGS IS IRREGULAR. IMPORTANT AQUIFER UNIT.				
SANDSTONE	GALENA DOLOMITE DECORAH FORMATION PLATTEVILLE FORMATION	PERMEABILITY LOW.	300->1,000	3,000-28,300	0.0001-0.00001	<3,000
	ST. PETER SANDSTONE	PERMEABILITY MODERATE TO LOW. IMPORTANT AQUIFER UNIT.				
	PRAIRIE DU CHIEN GROUP	PERMEABILITY LOW.				
	TREMPEALEAU FORMATION	PERMEABILITY LOW.				
	FRANCONIA SANDSTONE	PERMEABILITY LOW.				
	GALESVILLE SANDSTONE	PERMEABILITY MODERATE.				
	EAU CLAIRE SANDSTONE	PERMEABILITY MODERATELY LOW.				
	MT. SIMON SANDSTONE	PERMEABILITY MODERATE. IMPORTANT AQUIFER UNIT.				

Table 2-1
Aquifer Characteristics

Auto Safety Center
444 N. Main St.
West Bend, WI

Source: U.S. Geological Survey

Cooper
ENVIRONMENTAL RESOURCES INC.
1411 North Main Street, West Bend, Wisconsin 53095

TAR

2.3.2 Bedrock Aquifers

Sandstone Aquifer

In the Milwaukee River Watershed, the sandstone aquifer includes all the geologic units between the overlying Maquoketa shale, and the underlying Pre-Cambrian crystalline rocks. The Maquoketa shale confines groundwater in the sandstone aquifer under artesian pressure and is normally cased off in wells to prevent destruction of the well by caving of the formation. Thickness of the sandstone aquifer at the site is approximately 110 feet. The elevation of the potentiometric surface of the sandstone aquifer is approximately 820 feet MSL (SEWRPC, 1970). The aquifers total saturated thickness is between 300 and 360 feet with the inclusion of the Platteville-Galena rocks (Dolomite) to the sandstone aquifer.

The St. Peter sandstone, the uppermost sandstone unit in the sandstone aquifer, is one of the more permeable water-bearing units in the aquifer. The erosional surface upon which the St. Peter sandstone was deposited cuts across some of the underlying formations thereby interconnecting them hydraulically with the St. Peter sandstone.

The difference in potentiometric surface elevation between the sandstone aquifer and the dolomite and sand and gravel aquifers, permits vertical groundwater movement from the dolomite aquifer into the sandstone aquifer, in deep wells uncased in dolomite and sandstone. The approximate direction of groundwater flow is to the east.

Dolomite Aquifer

The dolomite aquifer underlies the entire Milwaukee River watershed, except for a small area north of the Village of Slinger in Washington County. The dolomite aquifer consists mainly of Silurian age dolomite but also includes Devonian age dolomite in the southeastern part of the watershed.

Erosion and glacial deposition have complicated the hydrology of the dolomite aquifer. Valleys eroded into the dolomite form hydraulic discontinuities in the upper part of the aquifer which may act as barrier or recharge boundaries, depending upon the relative permeability of the glacial materials which fill the valleys.

Permeability in the dolomite aquifer is due primarily to secondary enhancement by groundwater solution. Irregular bedding planes, fractures and other crevices that are distributed both aerially and vertically within the aquifer provide the major

pathways for groundwater flow. The upper section of the aquifer, the part most affected by groundwater solution, is generally more permeable than the lower section.

Recharge to the dolomite aquifer is primarily from infiltration of precipitation and leakage from glacial deposits. Vertical permeabilities of glacial deposits in the watershed are estimated to range from between one and 0.008 gallons per day (gpd) per square foot.

2.3.3 Sand and Gravel Aquifers

The sand and gravel aquifer consists of stratified, unconsolidated glacial and alluvial sand and gravel deposits. This aquifer can be developed by large-capacity wells only where the grain size of the materials is larger than very fine sand. Construction of high capacity wells in finer-grained deposits is impractical due to generally lower yields.

Important deposits of saturated sand and gravel are present in the area underlain by glacial outwash and along the trend of the interlobate moraine in the northwest section of the watershed. Inter-layering of the sand and gravel with less permeable materials is characteristic of the glacial deposits beneath these areas. Lowlands throughout the watershed contain sand and gravel of limited thickness and extent and therefore are of limited use for water supply needs.

The approximate saturated thickness of the glacial deposits at the site location is 100 feet. Direct infiltration of precipitation is the major source of recharge to the aquifer. Groundwater moves downward trough the soils to the water table and then laterally towards streams and lakes where it discharges.

3.0 UST REMOVAL/CLOSURE ACTIVITIES

Guelig Brothers Construction Company of Hartford, Wisconsin excavated one asphalt coated steel 500 gallon UST containing waste oil. The excavation pit and the former location of the tank is shown on Figure 3-1. The tank measured four feet by six feet and had no evidence of holes. There was evidence of moderate rust and pitting. Excavated soils consisted primarily of fine-to-coarse grained sand with some cobbles and boulders. The excavation pit measured eight feet by eight feet. Total depth of the excavation was 9.5 feet. Groundwater conditions were not observed within the excavation.

The tank was opened and cleaned on-site by J.J. Krueger of Oakfield, Wisconsin. Midstate Oil was responsible for the removal and proper disposal of two barrels of sludge taken from the tank.

The tank was removed and disposed of at Sadoff Iron and Metal Company of Fond du Lac, Wisconsin. Lt. Richard Labuda of the West Bend Fire Department was present during the excavation and UST removal activities.

The tank inventory form is within Attachment 1. Tank and sludge disposal receipts can be found within Attachment 2.

3.1 Soil Sample Procedures

The Department of Industry, Labor and Human Relations (DILHR) requires that soil samples be taken within or below the excavation at the time of tank removal at the following locations:

A. At both ends directly beneath the tank.
B. Every 20 feet of piping, or segment thereof.
C. Underneath each island on the supply side.
D. At points where strong odors or soil discoloration indicate contamination.

However, if it is obvious that subsurface contamination has occurred, the Wisconsin Department of Natural Resources (WDNR) allows alternate sample locations. The following procedures were used to document the subsurface condition of the project site.

3.2 Soil Sample Field Screening Procedures

A total of eight soil samples were collected from the excavation. Upon sample retrieval, each sample was screened visually and for petroleum odor. Each sample was placed into a glass jar, covered with aluminum foil, and closed with a lid. The sample was then

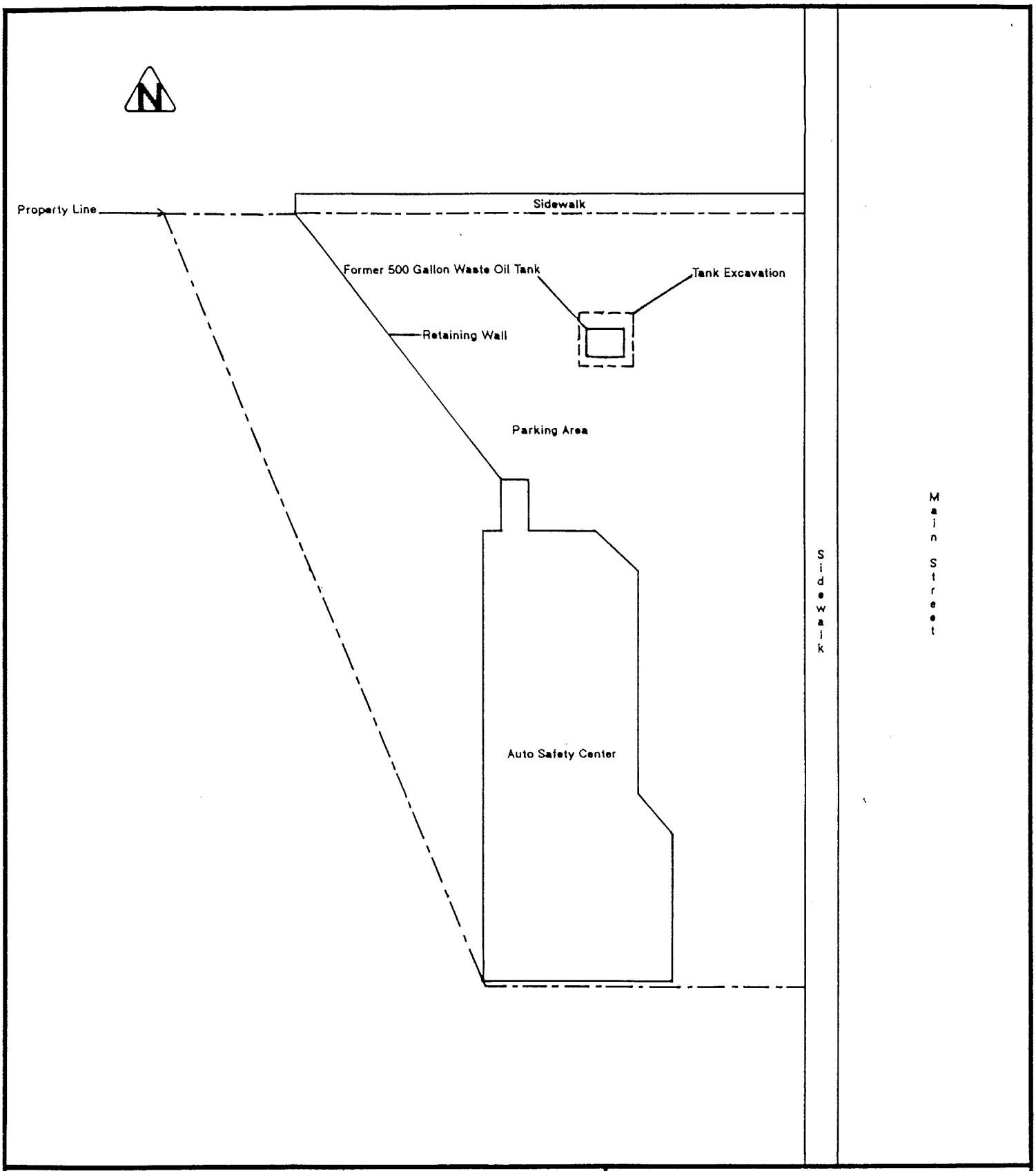

Figure 3-1
TANK EXCAVATION LOCATION

Auto Safety Center
444 N. Main St.
West Bend, WI

Scale: 1"=20'
Date: 3-3-92
Drawn By: TAR

Cooper
ENVIRONMENTAL RESOURCES INC.
1411 North Main Street, West Bend, Wisconsin 53095

warmed to approximately 70°F for a minimum of 20 minutes and agitated. The sample headspace was then analyzed with a Model 580B Thermal Environment Instruments organic vapor monitor (OVM) equipped with a 10.6 eV lamp and calibrated daily to isobutylene. Headspace analysis consisted of puncturing the foil seal with the instruments probe and recording the highest reading in instrument units (i.u.). A summary of OVM soil screening is presented in Table 3-1.

3.3 Analytical Soil Samples

Representative soil samples were obtained from the base and each side of the excavation. A total of five locations were sampled (Figure 3-2). Each sample was split for OVM headspace analysis (described in Section 3.2) and submitted for laboratory analysis of Total Recoverable Petroleum Hydrocarbons (TRPH). In addition, all soil samples were visually inspected for petroleum staining. Visual staining was not observed upon the excavated soils. Analytical samples were placed in laboratory supplied four-ounce glass jars and secured with a Teflon-lined lid. Each analytical sample was immediately placed in a cooler with bagged ice, in order to maintain the sample at 4°C. A chain-of-custody document accompanied the samples to Precision Analytical Laboratories, Inc., 205 West Galena, Milwaukee, Wisconsin (WDNR certification #241369260). Chain-of-custody forms and analytical result sheets are presented in Appendix A.

Table 3-1
Auto Safety Center
Tank Excavation OVM Readings

OVM Sample Number	Sample Location	Depth (Ft) *bgs	Date Collected	Field OVM Reading (i.u.)
1	Westside/Center	3	1-28-92	1.3
2	Westside/Center	4	1-28-92	0.4
3	Westside/Center	5	1-28-92	1.2
4	Westside/Center	9	1-28-92	1.2
5	Eastside/Center	3	1-28-92	0.1
6	Eastside/Center	4	1-28-92	ND
7	Eastside/Center	5	1-28-92	0.3
8	Eastside/Center	9	1-28-92	0.9

ppm = parts per million
i.u. = instrument units
ND = No detect
*bgs = below ground surface

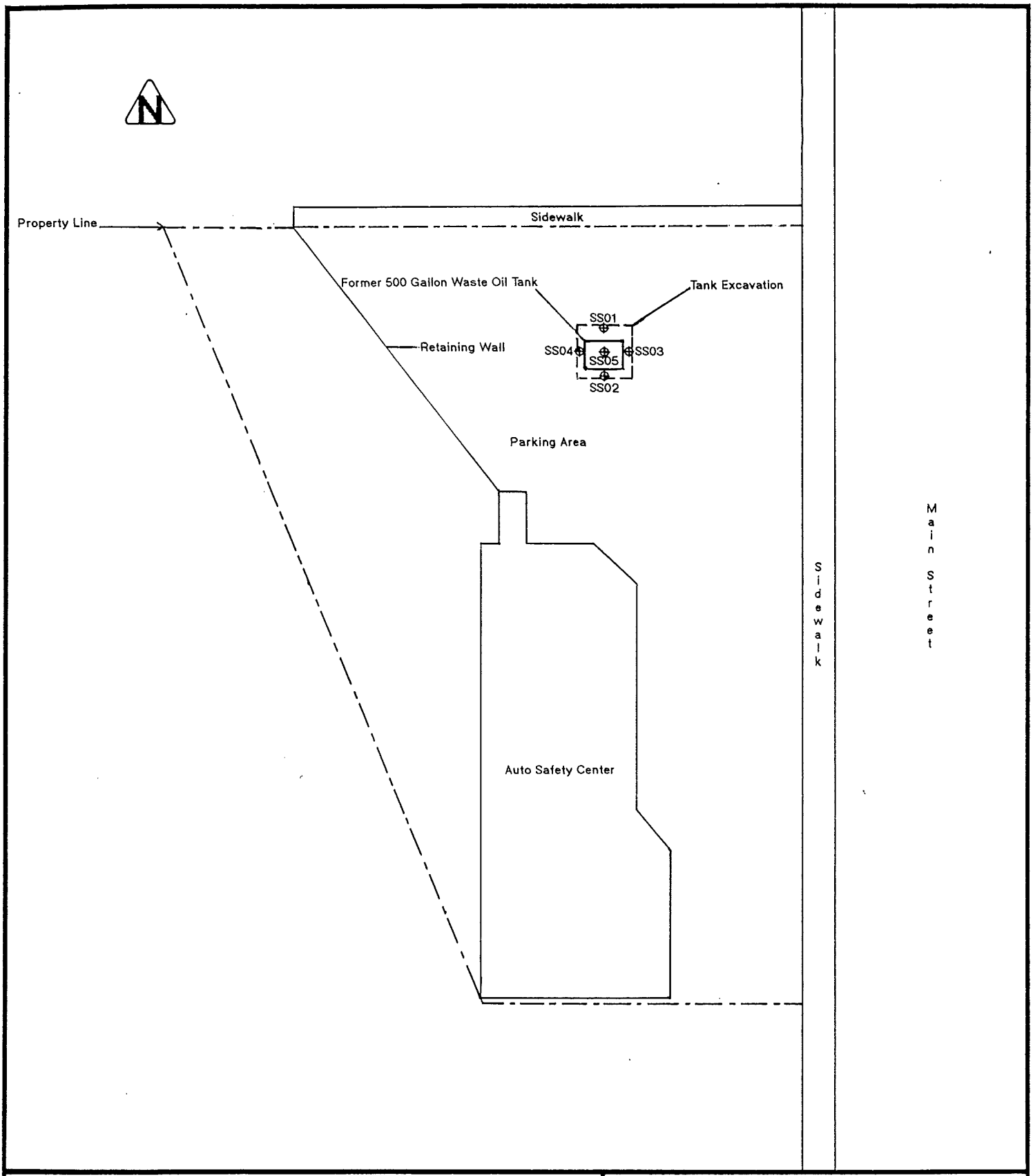

Figure 3-2
TANK EXCAVATION AND ANALYTICAL SOIL SAMPLE LOCATIONS

Auto Safety Center
444 N. Main St.
West Bend, WI

Scale: 1" = 20'

Date: 1-30-92

Drawn By: MCV

⊕ SS01 - Soil Sample Location

Cooper
ENVIRONMENTAL RESOURCES INC.
1411 North Main Street, West Bend, Wisconsin 53095

4.0 TANK EXCAVATION ANALYTICAL RESULTS

This section presents a summary of the tank pit soil chemical analysis. Soil analytical results are compared to the current WDNR soil cleanup guideline of 10 parts per million (ppm) Total Petroleum Hydrocarbons (TPH). Analytical result documentation is presented within Appendix A.

The TRPH analysis results for each of the submitted tank pit soil samples are summarized in Table 4-1. Also included in Table 4-1 are OVM field screening results of soil samples collected as splits. Split sample field screenings were conducted as described in Section 3.2.

Analytical data obtained from subsurface tank excavation soil samples indicates that site soils have not been adversely impacted by past waste oil UST operations. TRPH concentrations are below the 10 ppm cleanup guideline for the laboratory analyzed soil samples (Table 4-1).

Table 4-1
Auto Safety Center
Tank Excavation Samples
and
Analytical Results Summary

Soil Sample Number	Sample Location	Depth of Sample (ft) *bgs	Date Collected	Field OVM Reading (i.u.)	Analytical Results
					TRPH (ppm)
SS01	North wall base	9.5	1-28-92	0.4	ND
SS02	South wall base	9.5	1-28-92	0.3	ND
SS03	East wall base	9.5	1-28-92	2.9	ND
SS04	West wall base	9.5	1-28-92	3.8	ND
SS05	Bottom center	9.5	1-28-92	ND	ND

i.u. = instrument units
ppm = parts per million
ND = not detected above method detection limits
*bgs = below ground surface

5.0 DISCUSSION/CONCLUSIONS

One 500 gallon asphalt coated steel waste oil tank was removed from the site on January 28, 1992. Upon removal the tank exhibited moderate rust and pitting. No holes were visible. Subsurface soils did not exhibit visual petroleum staining. Groundwater was not encountered within the UST excavation.

A total of five confirmatory soil samples were collected from the excavation and submitted to a State certified laboratory for analysis of TRPH compounds. The results of the chemical analysis indicate that site soils have not been adversely impacted by the past existence of waste oil UST operations at the site (Table 4-1). Excavated soils were placed within the excavation and compacted to grade by Guelig Brothers Construction Company personnel.

Based upon visual observations, OVM field screenings and the results of soil sample analysis, further site investigations relating to the waste oil UST are not warranted.

Copies of this report have been forwarded to:

Mr. Roger Berth
Auto Safety Center
444 N. Main Street
West Bend, WI 53095

Department of Industry, Labor, and Human Relations
201 E. Washington
Madison, WI 53095

Mr. Brad Wolbert-SW3
Wisconsin Department of Natural Resources, Inc.
3911 Fish Hatchery Road
Fitchburg, WI 53711

6.0 LIMITATIONS OF ASSESSMENT

The interpretations and conclusions contained within this report are based upon the result of independent laboratory tests and analysis intended to detect the presence and/or concentration of certain chemical constituents in samples taken form the subject property. Such testing and analysis have been conducted by independent state certified testing laboratories. CERI has no control over such testing and analysis and, therefore, disclaims any responsibility for any errors or omissions arising therefrom.

Subsurface information was generalized from and interpolated between soil sampling locations. Information pertaining to actual subsurface conditions exists only at the location of the excavation. It is possible that subsurface conditions may vary from those indicated.

Our assessment was performed using the degree of care and skill ordinarily exercised, under similar circumstances, by Professional Consultants practicing in this or similar localities. No other warranty or guarantee, expressed or implied, is made as to the conclusion and professional advice included in this report.

The findings of this report are valid as of the present date of the assessment. However, changes in the conditions of a property can occur with the passage of time, whether due to natural processes or the works of man on this or adjacent properties. In addition, changes in applicable or appropriate standards may occur, whether they result from legislation, from the broadening of knowledge, or from other reasons. Accordingly, the findings of this report may be invalidated wholly or partially by changes outside our control. This report serves a specific purpose and may not be suitable for other applications.

REFERENCES

Schmude, Keith, "Soil Survey, Washington County, Wisconsin". United States Department of Agriculture, Soil Conservation Service, 1971.

Southeastern Wisconsin Regional Planning Commission "A Comprehensive Plan for the Milwaukee River Watershed", 1970.

APPENDIX A

CHAIN OF CUSTODY RECORD

PROJECT #	PROJECT NAME
920127	Auto Safety.

SAMPLERS: MARK VOLKERT

SAMPLE NUMBER	DATE	TIME	COMP.	GRAB	SAMPLE LOCATION	NO. OF CONTAINERS	TRPH						SAMPLE DESCRIPTION
	1-28-92	12:01PM		✓	AS/TANK Excavation/NORTH WALL BASE	1	✓						4 oz glass jar 9201162-1
	1-28-92	12:07PM		X	AS/TANK Excavation/SOUTH WALL BASE	1	X						-2
	1-28-92	12:03PM		X	AS/TANK Excavation/EAST WALL BASE	1	X						-3
	1-28-92	12:04PM		X	AS/TANK Excavation/WEST WALL BASE	1	X						-4
	1-28-92	12:05PM		X	AS/TANK Excavation/Bottom Center	1	X						-5

Relinquished By:	Date/Time	Received By:	Relinquished By:	Date/Time	Received By:
Mark Volkert	1-28-92 2:54PM	[illegible]			
Relinquished By:	Date/Time	Received By:	Relinquished By:	Date/Time	Received By:

Remarks: 4°C

Please Send Signed COC with report. Thanks M.V.

Report To:

Cooper ENVIRONMENTAL RESOURCES INC.

UNDERGROUND TANKS
GROUNDWATER/SOIL CLEANUP
HAZARDOUS WASTE
ENVIRONMENTAL AUDITS

1411 North Main Street
West Bend, WI 53095

414-338-9697
1-800-924-5602

White-Accompanies Shipment, Yellow-Laboratory File, Pink-CER

Precision Analytical Lab, Inc
205 West Galena
Milwaukee, WI 53212

Attn:
Phone: (414) 272-5222

Cooper Environmental
1411 North Main Street
West Bend, WI 53095

Attn: Mark Volkert
Invoice Number: 3261

Order #: 92-01-162
Date: 02/13/92 11:28
Work ID: 920127 Auto Safety
Date Received: 01/28/92
Date Completed: 02/06/92

SAMPLE IDENTIFICATION

Sample Number	Sample Description	Sample Number	Sample Description
01	AS/Tank Exc./N Wall Base	02	AS/Tank Exc./S Wall Base
03	AS/Tank Exc./E Wall Base	04	AS/Tank Exc./W Wall Base
05	AS/Tank Exc./Bottom Center		

Laboratory ID Number (Wisconsin DNR): 241369260

Certified By
Jeff Bushner

TEST RESULTS BY SAMPLE

Sample: 01A AS/Tank Exc./N Wall Base Collected: 01/28/92

Test Description	Result	Limit	Units	Analyzed	By
TRPH	< 5.0		ppm	02/06/92	JJB

Sample: 02A AS/Tank Exc./S Wall Base Collected: 01/28/92

Test Description	Result	Limit	Units	Analyzed	By
TRPH	< 5.0		ppm	02/06/92	JJB

Sample: 03A AS/Tank Exc./E Wall Base Collected: 01/28/92

Test Description	Result	Limit	Units	Analyzed	By
TRPH	< 5.0		ppm	02/06/92	JJB

Sample: 04A AS/Tank Exc./W Wall Base Collected: 01/28/92

Test Description	Result	Limit	Units	Analyzed	By
TRPH	< 5.0		ppm	02/06/92	JJB

Sample: 05A AS/Tank Exc./Bottom Center Collected: 01/28/92

Test Description	Result	Limit	Units	Analyzed	By
TRPH	< 5.0		ppm	02/06/92	JJB

REPORT COMMENTS

The samples ordered for TRPH were analyzed by Modified EPA Method 9073.

ATTACHMENT 1

Wisconsin Department of Industry, Labor and Human Relations

UNDERGROUND PETROLEUM PRODUCT TANK INVENTORY

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

For Office Use Only:
Tank ID #

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

This registration applies to a tank that is (check one):
1. ☐ In Use or New
2. ☐ Abandoned With Product
3. ☐ Abandoned No Product (empty) or With Water
4. ☒ Closed - Tank Removed
6. ☐ Closed - Filled With Inert Material
7. ☐ Out of Service
8. ☐ Changed Ownership (Indicate new owner below)

Fire Department Providing Fire Coverage Where Tank Located: WEST BEND FIRE DEPARTMENT

A. IDENTIFICATION: (Please Print)

1. Tank Site Name: AUTO SAFETY CENTER
Site Address: 444 N. MAIN ST.
Site Telephone No.: (414) 334-7241
☒ City ☐ Village ☐ Town of: WEST BEND
State: WISCONSIN
Zip Code: 53095
County: WASHINGTON

2. Owner Name (mail sent here unless indicated otherwise in #3 below): ROGER BERTH
Owner Mailing Address (mail sent here unless indicated otherwise in #3): 444 N. MAIN ST.
☒ City ☐ Village ☐ Town of:
State: WISCONSIN
Zip Code: 53095
County: WASHINGTON

3. Alternate Mailing Name If Different Than #2:
Alternate Mailing Street Address If Different From #2:
☐ City ☐ Village ☐ Town of:
State:
Zip Code:
County:

4. Tank Age (date installed, if known: or years old):
5. Tank Capacity (gallons):
6. Tank Manufacturer's Name (if known):

B. TYPE OF USER (check one):
1. ☐ Gas Station
2. ☐ Bulk Storage
3. ☐ Utility
4. ☐ Mercantile
5. ☐ Industrial
6. ☐ Government
7. ☐ School
8. ☐ Residential
9. ☐ Agricultural
10. ☒ Other (specify): AUTO SERVICE CENTER

C. TANK CONSTRUCTION:
1. ☐ Bare Steel
2. ☐ Cathodically Protected and Coated Steel (A. ☐ Sacrificial Anodes or B. ☐ Impressed Current)
3. ☒ Coated Steel
4. ☐ Fiberglass
5. ☐ Other (specify):
6. ☐ Relined
7. ☐ Steel - Fiberglass Reinforced Plastic Composite
9. ☐ Unknown

Approval: 1. ☐ Nat'l Std. 2. ☐ UL 3. ☐ Other:
Is Tank Double Walled? ☐ Yes ☐ No
Overfill Protection Provided? ☐ Yes ☐ No If yes, identify type:
Spill Containment? ☐ Yes ☐ No

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

D. PIPING CONSTRUCTION
1. ☐ Bare Steel
2. ☐ Cathodically Protected and Coated or Wrapped Steel (A. ☐ Sacrificial Anodes or B. ☐ Impressed Current)
3. ☐ Coated Steel
4. ☐ Fiberglass
5. ☐ Other (specify):
9. ☐ Unknown

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

Piping leak detection method: used if pressurized or check valve at tank: 1. ☐ Vapor monitoring 2. ☐ Interstitial monitoring 3. ☐ Groundwater monitoring 4. ☐ Tightness testing 5. ☐ Line Leak Detector 6. ☐ Not Required

Approval: 1. ☐ Nat'l Std 2. ☐ UL 3. ☐ Other:
Double Walled: ☐ Yes ☐ No

E. TANK CONTENTS
1. ☐ Diesel
2. ☐ Leaded
3. ☐ Unleaded
4. ☐ Fuel Oil
5. ☐ Gasohol
6. ☐ Other
7. ☐ Empty
8. ☐ Sand/Gravel/Slurry
9. ☐ Unknown
10. ☐ Premix
11. ☒ Waste Oil
12. ☐ Propane
13. ☐ Chemical *
14. ☐ Kerosene
15. ☐ Aviation

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

If Tank Closed, Give Date (mo/day/yr): 1-28-92
Has a site assessment been completed? (see reverse side for details) ☒ Yes ☐ No

If installation of a new tank is being reported, indicate who performed the installation inspection:
1. ☐ Fire Department 2. ☐ DILHR 3. ☐ Other (identify)

Name of Owner or Operator (please print): ROGER BERTH
Indicate Whether: ☒ Owner or ☐ Operator
Signature of Owner or Operator: Roger M Berth
Date Signed: 1-28-92

SBD-7437 (R. 03/91)

IMPORTANT: Complete as many items on this form as possible. Failure to provide sufficient information may cause you to fall under additional regulations.

ATTACHMENT 2

J. J. Kruger
P.O. Box 284
Jackson, WI 53085

STATEMENT

Guelig Bros. Const.
6361 Hwy 60 East
Hartford WI 53027

(For Auto Safety Center)
West Bend, WI

PLEASE RETURN THIS STUB WITH YOUR REMITTANCE. YOUR CANCELLED CHECK IS YOUR RECEIPT. $ 300.-

DATE	DESCRIPTION	CHARGES	CREDIT	BALANCE
1/12	open, clean & disposed			
	of 1 - 500 gal tank			
	containing Drain oil 25.00			
	25.00 / Barrel x 2 50.00			
	to container			
	(50.00 x 2 Barrels,			
	being Billed By midstate oil)			
	Attn: Randy 826-2207			
				300.00

PAY LAST AMOUNT IN BALANCE COLUMN ▲

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: W I D 9 8 8 6 1 5 3 2 4

Manifest Document No.:

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address: AUTO SAFTY CENTER, 444. N. MAIN ST. WEST BEND WI. 53095

4. Generator's Phone: (414) 334-7241

5. Transporter 1 Company Name: MIDSTATE OIL CO.

6. US EPA ID Number: WID981200736.

7. Transporter 2 Company Name:

8. US EPA ID Number:

9. Designated Facility Name and Site Address: MIDSTATE OIL CO. 5575 SAMPSON RD ABRAMS WI 54101

10. US EPA ID Number: WID981200736

A. Transporter's Phone: 414-433-4501

B. Transporter's Phone:

C. Facility's Phone: 414-433-4501

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. 2 DRUMS DRAIN OIL	2			
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

CONTACT ROGER BERTH 414-334-7241 TO SCHEDULE PICK UP.

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Roger M. Berth — Signature: Roger M. Berth — Month 03 Day 24 Year 92

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: RANDY GIESE — Signature: Randy Giese — Month 3 Day 24 Year 92

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: — Signature: — Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: — Signature: — Month Day Year

ORIGINAL — RETURN TO GENERATOR

12-BLS-C5 Rev. 11/89

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. W.I.D.9.8.8.6.1.5.324
Manifest Document No.
2. Page 1 of 1

3. Generator's Name and Mailing Address
AUTO SAFTY CENTER
444. N. MAIN ST.
WEST BEND WI. 53095

4. Generator's Phone (414) 334-7241

5. Transporter 1 Company Name
MIDSTATE OIL CO.

6. US EPA ID Number
WID981200736

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address
MIDSTATE OIL CO.
5575 SAMPSON RD
ABRAMS WI 54101

10. US EPA ID Number
WID981200736

A. Transporter's Phone 414-433-4501
B. Transporter's Phone
C. Facility's Phone
414-433-4501

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. 2 DRUMS DRAIN OIL	2			
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D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
CONTACT ROGER BERTH 414-334-7241
TO SCHEDULE PICK UP.

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Roger M. Berth
Signature: Roger M. Berth
Month 03 Day 24 Year 92

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: RANDY GIESE
Signature: Randy Giese
Month 3 Day 24 Year 92

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name
Signature
Month Day Year

GENERATOR
TRANSPORTER
FACILITY

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TRANSPORTER #2