WISCONSIN
DEPT. OF NATURAL RESOURCES

George E. Meyer
Secretary

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Southeast District - Annex Building
Post Office Box 12436
4041 N. Richards St.
Milwaukee, Wisconsin 53212
TELEPHONE: 414-961-2727
TELEFAX #: 414-961-2770

December 14, 1993

File Ref:

Chuck Wells
Marathon Petroleum Company
539 South Main Street
Findlay, OH 45840

Dear Mr. Wells:

RE: Petroleum contamination near the loading rack area at the Marathon Bulk Storage Terminal, 9125 North 107th Street, Milwaukee, Wisconsin

I am writing to ask that you update the department regarding the status of cleanup activities at the site. In your letter of 1/8/90, you stated that the remaining contamination at the loading rack area would be removed in 1991 when construction work was to be done on two lanes of the rack. I will consider the case for closure when the work described has been done.

Sincerely,

John Feeney
Hydro, Tank Response Unit

cc: SED File

midwest engineering services, inc.
111 Wilmont Drive • Waukesha, WI 53186 • 414-521-2125 • FAX 414-521-2471

September 30, 1991

Mr. Chuck Wells
Marathon Oil Company
539 South Main Street
Room 1070-M
Findlay, OH 45840

Subject: Assessment of Subgrade for Petroleum Hydrocarbons
During Concrete Replacement Activities
Milwaukee Bulk Terminal
Milwaukee, Wisconsin
MES Project No. 7-11022

Dear Mr. Wells,

As outlined in MES Proposal No. 7-1095, dated August 6, 1991, Midwest Engineering Services, Inc. (MES) provided personnel to assess the existing subgrade for the presence of petroleum hydrocarbons during concrete replacement activities at the Marathon Oil Company Bulk Terminal located in Milwaukee, Wisconsin.

The concrete replacement activities were conducted in the loading rack area which is where petroleum transport tankers are loaded with fuel to be delivered to Marathon outlets. During excavation activities, approximately 9 inches of concrete, 1 foot of base and 1 to 3 feet of natural soil were removed from Loading Lane No. 1 and No. 2 and manifested to Parkview Landfill in Milwaukee, Wisconsin. The soils at the bottom of the excavations were generally firm and drainage pipe which runs laterally along the length of the loading area was exposed.

On August 23, 1991, MES personnel conducted a site reconnaissance at Loading Lane No. 1. A small area of water with a slight sheen was observed in the excavation near the filling areas. The water was bailed and placed in a sump connected to the product recovery system. MES personnel proceeded to collect ten (10) soil samples from the bottom and sidewalls of the excavation of Loading Lane No. 1 (refer to Figure 1 for sampling locations). These

samples were placed in plastic bags and sealed to allow any petroleum hydrocarbons present in the soil to volatilize. After a short period of time, the headspace of the bags were checked with an 11.7 eV Hnu photoionization detector for the presence of petroleum hydrocarbons. The results were recorded and are available on attached Figure 2, "Summary of Hnu and Analytical Test Results". Four (4) of the soil samples considered to be representative of the soil conditions across the excavation were collected in clean laboratory glassware, iced and analyzed by Swanson Environmental Laboratories for the presence of Total Petroleum Hydrocarbons (TPH).

On September 6, 1991, MES personnel conducted a site reconnaissance at Loading Lane No. 2. A large area of water which displayed a sheen was noted in the center of the lane. A sump hole was dug and approximately 1,500 gallons of the water was pumped into the No. 3 drain. MES personnel proceeded to collect six (6) soil samples for headspace analysis from the floor of the excavation of Loading Lane No. 2, and utilizing the same techniques as mentioned previously, four (4) soil samples were analyzed by Swanson Environmental Laboratories for the presence of TPH.

The soils encountered were generally brown silty clays with traces of fine to coarse sand, and displayed olfactory signs of petroleum-like odors. Hnu headspace analysis ranged from 2 parts per million (ppm) to 340 ppm and analytical results ranged from 8 ppm to 410 ppm with average concentrations of TPH being approximately 170 ppm. The TPH concentrations were based on a gasoline standard using the State of California Method, which is the approved method required by the Wisconsin Department of Natural Resources (WDNR). The WDNR currently does not have soil clean-up standards. The WDNR does consider soil contamination above 10 ppm TPH discovered at a tank removal the "action level" that triggers the requirement for an investigation to determine the extent of contamination. Typically, UST removal sites are reviewed by the WDNR on case by case basis regarding further remedial and/or investigative action.

Utilizing headspace analysis and the presence of petroleum-like odors in the soils contained in the excavation, MES personnel indicated to the client that the excavation to remove affected soils would have to go beyond the boundaries of the present excavation in order to meet the State of Wisconsin clean-up criteria. With

that understanding, the client elected to complete the concrete reconstruction activities and determine the lateral and vertical extent of the affected soils through further assessment.

Midwest Engineering Services, Inc. appreciates the opportunity to be of service to you on this project. If you have any questions, or comments regarding this report, please call (414) 521-2125.

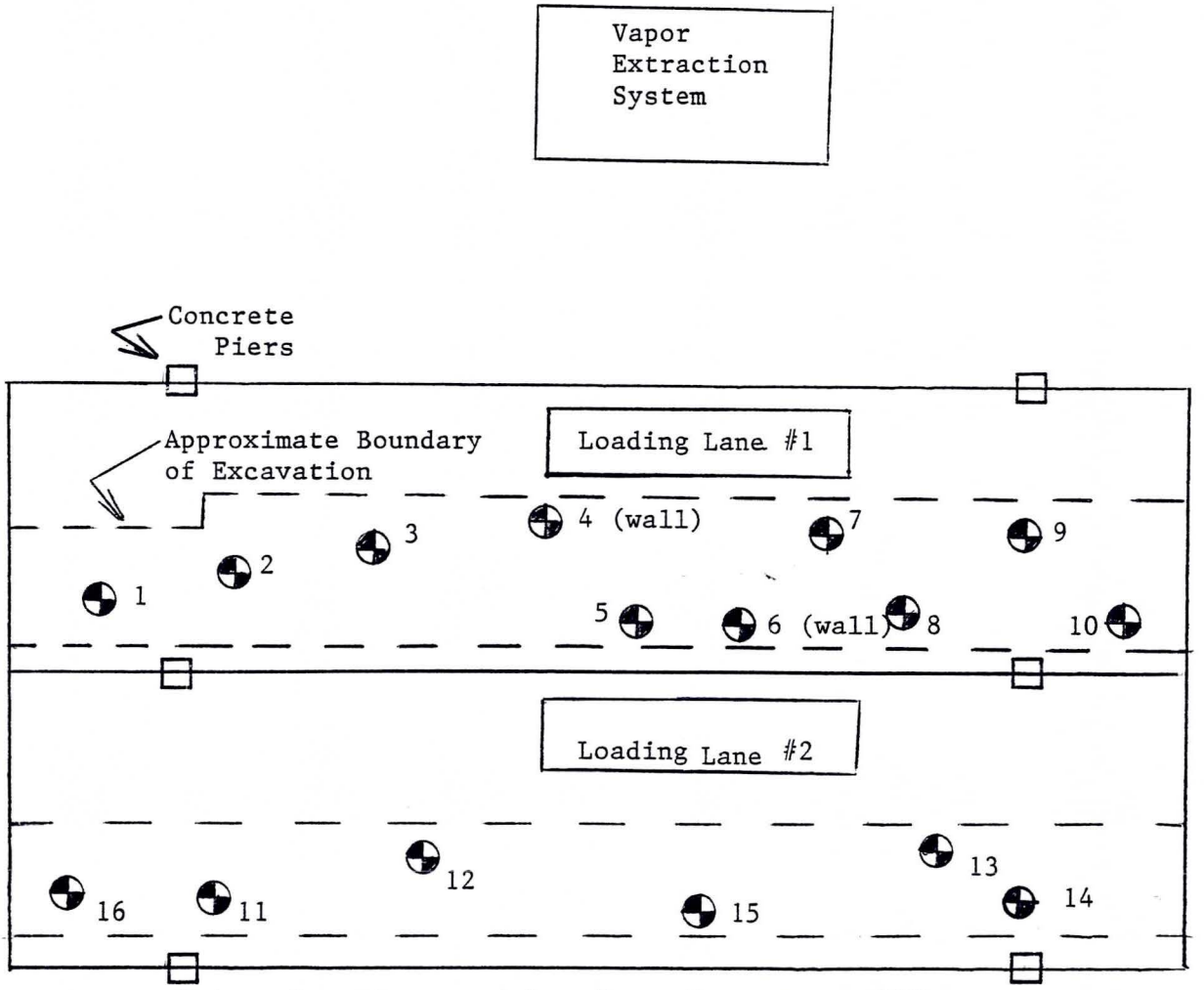
Very truly yours,

MIDWEST ENGINEERING SERVICES, INC.

Scott J. Brockway
Staff Geologist

Matthew A. Henderson, P.E.
Principal of Firm

Enclosures:
Figure 1: Headspace Analysis Sampling Locations
Figure 2: Summary of Hnu and Analytical Test Results
Swanson Environmental, Inc. Analytical Report, 8-23-91
Swanson Environmental, Inc. Analytical Report, 9-6-91



Note: Location map taken from plan map no. 138
provided by Marathon Oil Company
Approximate Scale: 1" = 13.5'

midwest engineering services, inc.

FIGURE 1
Headspace Analysis Sampling Locations
Marathon Oil Company
Milwaukee Bulk Terminal
Milwaukee, Wisconsin

PROJECT NUMBER:
7-11022

DATE:
9-30-91

Figure 2

Summary of Hnu and Analytical Test Results
Marathon Oil Company
Milwaukee Bulk Terminal
Milwaukee, Wisconsin
M.E.S. Project No. 7-11022

Sample No.	Location and Soil Classification	Hnu (ppm)	TPH(ppm)
1	Floor, -2' Brown Silty CLAY	3	____
2	Floor, -2' Brown Silty CLAY	10	____
3	Floor, -2' Brown Silty CLAY	40	68
4	Wall, -1' Brown Silty CLAY	190	____
5	Floor, -2' Brown Silty CLAY	60	140
6	Wall, -1' Brown Silty CLAY	140	330
7	Floor, -2' Brown Silty CLAY	170	____
8	Floor, -2' Brown Silty CLAY	150	410
9	Floor, -2' Brown Silty CLAY	155	____
10	Floor, -2' Brown Silty CLAY	6	____
11	Floor, -2 1/2' Brown and Gray Silty CLAY	320	180
12	Floor, -2 1/2' Brown Silty CLAY	220	130
13	Floor, -2 1/2' Brown Silty CLAY	280	120
14	Floor, -2' Brown and Black Mottled Silty CLAY Fill	19	8
15	Floor, -2 1/2' Brown Silty CLAY	340	____
16	Floor, -1 1/2' Brown Silty CLAY	2	____

ND: Non-Detectable
ppm: Parts per million
<4.0: Below the analytical detection limits

SWANSON ENVIRONMENTAL INC.

3150 North Brookfield Road
Brookfield, Wisconsin 53045
telephone (414) 783-6111
facsimile (414) 783-5752

ANALYTICAL REPORT

AIHA Accreditation #352
WDNR Certification #268181760

REPORT NUMBER: B6409

Midwest Engineering Services, Inc.
111 Wilmont Drive
Waukesha, WI 53186

Attn: Mr. Matt Henderson

DATE: September 9, 1991
PURCHASE ORDER:
SEI JOB NO: WL8140
DATE COLLECTED: 08/23/91
DATE RECEIVED: 08/23/91

Soil Samples

Units: mg/kg (ppm)

SEI ID	Sample ID	Total Petroleum Hydrocarbons*
8140-1	#3 Floor	68
8140-2	#5 Floor	140
8140-3	#6 Wall	330
8140-4	#8 Floor	410

* Concentration based on a gasoline standard using the State of California Method.

Reviewed & Approved by:

Rosemary L. Dineen

Rosemary L. Dineen
Laboratory Director

ORIGINAL

SWANSON ENVIRONMENTAL INC.

3150 North Brookfield Road
Brookfield, Wisconsin 53045
telephone (414) 783-6111
facsimile (414) 783-5752

AIHA Accreditation #352
WDNR Certification #268181760

ANALYTICAL REPORT

REPORT NUMBER: B6588

Midwest Engineering Services, Inc.
111 Wilmont Drive
Waukesha, WI 53186

Attn: Mr. Matt Henderson
Project #7-11022

DATE: September 19, 1991
PURCHASE ORDER:
SEI JOB NO: WL8300
DATE COLLECTED: 09/06/91
DATE RECEIVED: 09/06/91

Soil Samples (Marathon Terminal)

Units: mg/kg (ppm)

SEI ID	Sample ID	Total Petroleum Hydrocarbons*
8300-1	#11 West End	180
8300-2	#12 West Center Trench	130
8300-3	#13 East Center Trench	120
8300-4	#14 East End	8

* Concentration based on a gasoline standard using the State of California Method.

Reviewed & Approved by:

Rosemary L. Dineen
Laboratory Director

ORIGINAL

Eastern District
Terminal & Transport Department

Marathon Petroleum Company

539 South Main Street
Findlay, Ohio 45840
Telephone 419/422-2121

January 8, 1990

Mr. John Feeney
Wisconsin Department of Natural Resources
P.O. Box 12436
2300 N. Martin Luther King Drive
Milwaukee, Wisconsin 53212

SUBJECT: REMEDIAL ACTIVITIES
MARATHON BULK STORAGE TERMINAL
9125 NORTH 107TH STREET
MILWAUKEE,
WISCONSIN

Dear Mr. Feeney:

Enclosed is a report from Midwest Engineering Environmental Services. The report presents the findings and conclusions of the contaminated soil removal at the Marathon Terminal. While removing the concrete slab adjacent to the loading rack area, petroleum based contaminated soil was encountered. The contaminated soil was not generated from a UST leakage or spill. Hydrocarbons appeared to have migrated into the subsurface soil via expansion cracks in the overlying concrete within the loading facility. The old concrete was replaced and a new steel trench drain was also implemented.

As indicated within the report, analytical data shows that all contaminated soil, except an area on the north wall, were removed. Further excavation of soil was not possible due to jeopardizing the structure stability of the loading rack. Bentonite was placed around the pipe trench and the excavation wall interface for future protection.

Marathon will be replacing the remaining two lanes of the loading rack next year. The removal of the overlying concrete will help in defining the extent of contaminated soil under the loading rack, if contamination exists at all. Since groundwater was not encountered and given the minimal amount of impacted soil, at this time we are proposing that no further action be taken until construction starts next year (1991). At that time, further assessment will be performed and a report will be forwarded to your office.

If you have any questions and/or comments, please contact me at the above number, ext. 3419.

Sincerely,

C. K. Wells

Chuck Wells
Environmental Representative

Attachments

midwest engineering services, inc.

geotechnical, environmental, & materials engineers

LANDFILL CHARACTERIZATION TESTING AND SOIL REMOVAL MONITORING

Marathon Milwaukee Terminal

9145 107th Street

Milwaukee, Wisconsin

Prepared for

Marathon Petroleum Company

539 South Main Street

Findlay, Ohio 45840

M.E.S. Project No. 01060

November 27, 1990

midwest engineering services, inc.
111 Wilmont Drive • Waukesha, WI 53186 • 414-521-2125

November 27, 1990

Mr. Chuck Wells
Marathon Petroleum Company
539 South Main Street
Findlay, OH 45840

SUBJECT: Landfill Characterization Testing
Soil Removal Monitoring
Marathon Milwaukee Terminal
9145 107th Street
Milwaukee, Wisconsin
M.E.S. Project No. 01060

Dear Mr. Wells,

In accordance with instructions received from Mr. Patrick Mihelick, we have completed the landfill characterization testing and soil removal monitoring for the referenced project. Three (3) copies of the report are included herewith.

Midwest Engineering Services, Inc. appreciates the opportunity to be of service on this project. Should you have any questions regarding this report, or if we may be of continued assistance on this or future projects, please do not hesitate to call upon us at your convenience.

Sincerely yours,

MIDWEST ENGINEERING SERVICES, INC.

Matthew A. Henderson, P.E.
Principal of Firm

Edward D. Zyga, P.E.
Principal of Firm

LANDFILL CHARACTERIZATION TESTING AND SOIL REMOVAL MONITORING

Marathon Milwaukee Terminal

9145 107th Street

Milwaukee, Wisconsin

Prepared for

Marathon Petroleum Company

539 South Main Street

Findlay, Ohio 45840

M.E.S. Project No. 01060

November 27, 1990

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INTRODUCTION

This report presents the findings and conclusions of the contaminated soil removal observation and landfill characterization testing at the Marathon Terminal located at 107th Street in Milwaukee, Wisconsin. The work was performed for Marathon Petroleum Company of Findlay, Ohio at the request of Mr. Patrick Mihelick.

Purpose

The purpose of this study was to collect samples of the subgrade soils and test them for landfill characterization and obtain the necessary permits for landfill disposal. In addition, the removal of affected soil was monitored and evaluated during the excavation work.

Scope

The scope of services included a site reconnaissance, sample collection, field and laboratory testing and evaluation of the data obtained.

Authorization

Authorization to perform this study was in the form of a verbal agreement between Matthew Henderson of Midwest Engineering and Patrick Mihelick of Marathon Petroleum Company.

SITE AND PROJECT DESCRIPTION

Site Features and Background

The subject site is located at 9145 107th Street in Milwaukee, Wisconsin. The property is occupied by an active bulk loading facility with several large storage tanks and three tanker loading racks.

The pavement in the southern most loading rack was under reconstruction at the time of this study. When the old concrete pavement was removed, a strong petroleum odor was noted from the subbase and subgrade soils. A trench drain had been excavated along the north edge of the lane and obvious staining of the side walls and bottom of this area were observed. Two test pits were dug near the east and west ends of the loading rack and high levels of volatile vapor were measured on samples taken from these pits, utilizing an Hnu Photoionization Analyzer.

Upon discovery of the affected soils, Mr. Patrick Mihelick of Marathon Petroleum Company requested that Midwest Engineering obtain a permit to dispose of the affected soils and to monitor the removal of the same.

A report of the release was made to the Wisconsin DNR by Mr. Patrick Mihelick.

On Thursday, September 20, 1990, a representative of Midwest Engineering visited the site to obtain a sample of the subgrade soils for landfill characteristic testing. As requested by the client, the sample was shipped to Aqua-Tech, an analytical testing facility located in Marion, Ohio, via overnight Federal Express. A partial list of test results were received on September 28, but it did not include all the parameters requested. On Friday, October 5, 1990, the full list of parameters was received. The list of test parameters and the results can be found in Appendix II.

On Monday, October 8, 1990, a waste profile was hand delivered to Waste Management at the Parkview Landfill. Later that day, a "Special Waste" disposal permit was granted. The permit application and accompanying correspondence can be found in Appendix I.

Midwest Engineering was instructed by Mr. Patrick Mihelick of Marathon Petroleum Company to monitor the removal of affected soils in the loading rack area. Samples were obtained from the excavation side walls and bottom tested them for the presence of volatile vapors.

The samples obtained were tested for volatile vapors in the field with an Hnu 10.2 eV Model PI 101 Photoionization Analyzer. The Hnu can detect relatively low levels (one part per million or greater) of a variety of volatile vapors including many of those commonly associated with petroleum products.

The following summaries were prepared each day of our work at the site.

REPORT OF FIELD INSPECTION

Date of Inspection: 10-9-90
Field Representative: Matthew A. Henderson, P.E.

As requested, a representative of Midwest Engineering visited the referenced site. The purpose of the visit was to observe and monitor the removal of petroleum affected soil in the

loading rack area. The representative arrived on site at 11:00 AM and waited until 2:30 for the contractor to mobilize a backhoe and two 14 yard dump trucks.

Excavation work started on the eastern-half of the loading rack lane. Soil samples obtained at about 4.0 feet below the pavement were tested with the Hnu Photoionization detector. The PID showed 18 ppm and 92 ppm on the samples obtained.

A sump line, water service line and compressed air line were encountered during excavation. The close quarters in combination with many underground utilities made excavation difficult and slow. An area about 12' x 12' x 4' area had been excavated.

Two loads of contaminated soil were transported to the Parkview landfill for disposal. The manifests for these loads are attached.

It was recommended to Pat Mihelick and Keith Vinson of Marathon Petroleum Company that the cost for removal of contaminated soil and replacement with clean fill be negotiated and agreed upon with Auto-Quip before any more soil was removed.

Date of Inspection: 10-10-90
Field Representative: Matthew A. Henderson, P.E.

A representative of Midwest Engineering visited the referenced project. The purpose of the visit was to observe and monitor the removal of petroleum affected soil in the loading rack area. Excavation of affected soil is progressing eastward from the center of the lane. A concrete retaining wall supporting a canopy is located along the south edge of the loading rack. Excavation next to the wall was terminated about 3' from the wall at the footing elevation (-7) to safe guard the canopy structure from settlement or collapse from potential undermining. The soil that remains in place appears to be slightly affected with petroleum products, based on slight odors and low vapor readings. Further soil removal in this area was not recommended because of safety concerns related to the canopy structure.

Five product additive lines were cut and temporarily capped to facilitate excavation. The sand backfill around the additive lines is heavily affected with petroleum products. A 4 inch diameter pump-off line and 2 product lines were exposed during excavation. The sand backfill around these pipes appear to be affected with petroleum products. The affected soils were removed and hauled to the landfill.

It was recommended that the pipe trench/excavation interface be backfilled with bentonite to reduce the flow of water and/or petroleum products into the excavation. A bentonite plug was provided at the product line and additive line trench/excavation interfaces and was about 3 feet in thickness.

It appears that the lower vapor levels are encountered with greater depth. A PID reading of 8 ppm was measured at 8.5' below the existing concrete surface. The PIDs' measurement above this level were higher.

The affected soils which could be safely removed without disturbing the structures were being excavated. Affected soil remains in the north and south side walls. Five, 16-ton loads of affected soils were hauled to the landfill on this date. The manifests for these loads are attached.

Three soil samples were taken from the excavation and placed in jars and the headspace of each jar was tested with a 10.7 eV Photoionization Detector.

The location and results of these measurements are as follows.

Sample No.	Location	Depth	Hnu (ppm)
1	10' E of Centerline, south wall	8.5'	8
2	20' East of Centerline, north wall	5'	162
3	20' East of Centerline south wall	6'	26

Date of Inspection: 10-11-90
Field Representative: Matthew A. Henderson, P.E.

As requested, a representative of Midwest Engineering visited the referenced site. The purpose of the visit was to observe and monitor the removal of petroleum affected soil. The excavation is progressing eastward.

A sump drain lateral, downspout lateral and electrical conduit were encountered near the east edge of the lane. The sand backfill around these lines appeared to be affected with petroleum product. The backfill and underlying soils are being excavated and hauled to the landfill. The depth of excavation

was extended from 8 to 12 feet below the existing surface. At that level, relatively low vapor levels were measured in most of the samples taken. Nine loads were transported to the landfill. Manifests for these loads are attached. The location, depth and PID reading for samples taken today are as follows:

Sample No.	Location	Depth	TPH	Hnu ppm
1	10' East of centerline, south side of trench wall	-11.5	ND	3
2	10' E of centerline, south wall	-8'	ND	9
3	10' W of East end, south wall side	-8'	--	7
4	10' W of East end, north wall	-8'	15	160
5	Sand backfill beneath sump drain, invert	-5'	--	165
6	15' E of East end in Approach Apron - Bottom	-2'	--	90
7	Sand fill around downspout lateral	-6'	--	170
8	East end, south side bottom	-8'	ND	8
9	15' E of east end, north wall	-4'	20	190
10	5' E of east end, north wall	-8.5'	ND	6
11	East Wall	6'	ND	6

Excavation on the east side was completed today and the backhoe was mobilized to the west side. Three (3) loads of large diameter (2"-3") crushed limestone was delivered to this site for placement in the excavation.

Date of Inspection: 10-12-90
Field Representative: Ken Rippy

The backhoe is continuing to remove soil from the west half of

the loading rack. The depth of the excavation to maintain relatively clean soil is decreasing as the excavation proceeds westward. Five loads of affected soil were delivered to the landfill. Manifests for these loads are attached. The location, depth and PID readings for samples taken this day are as follows:

Sample No.	Location	Depth	TPH	Hnu ppm
12	15' E of west end, middle of bay - bottom	-6'		12
13	15' E of west end, middle of bay - bottom	-7'	ND	5
14	25' E of west end - slope bottom, middle of bay	-9'		15
15	25' E of west end - slope bottom, middle of bay	-10'		30
16	25' E of west end - slope bottom, middle of bay	-11'		50
17	25' E of west end - slope bottom, middle of bay	-12'	ND	ND
18	10'E of West end, bottom	-6'		1
19	At west end - subbase	-2'	ND	1
20	N. Wall, 10' E of west end, beneath loading rack	-4'	640	80
21	S. Wall, 10' E of West end	4 1/2'		3
22	5' E of West end, near conduit - bottom	6'		8

LABORATORY ANALYSIS

Selected soil samples were subjected to Total Petroleum Hydrocarbon (TPH) testing.

The samples selected were taken in areas that exhibited low PID readings as well as obviously affected areas. The results of these tests can be found on the daily summary pages found earlier in this report.

CONCLUSIONS

The results of the field inspection and analytical testing indicated that some petroleum affected soil still exists beneath the loading rack area. The contaminated soils as viewed from the excavation, are located predominantly along the north excavation wall beneath the trench drain area. Further removal of soil in this area was stopped to safeguard the pumps against settlement or collapse. The lateral and vertical extent could not be determined at that time.

The results of analytical testing show non-detectable levels of petroleum products in samples taken from the excavation bottom and south side wall. It should be noted that further excavation and sampling into the south side wall could not be performed due to the potential for undermining of the canopy foundation. Due to physical structural constraints further exploration could not be performed by excavation methods, therefore, this study should not be misconstrued as an all inclusive search for petroleum affected soil on this site.

The soils encountered during excavation were predominantly silty clay which was stiff to very stiff in consistency. No groundwater was encountered during the removal activities.

It is our understanding that Marathon Petroleum is planning to reconstruct the two remaining racks in 1991. It is recommended that a site assessment be performed at that time to better define the lateral and vertical extent of the affected zone if any, and to determine if the groundwater on the site has been impacted with petroleum product.

GENERAL COMMENTS

This study has been conducted in a manner consistent with that level of care ordinarily exercised by members of the profession currently practicing in the same locality under similar conditions. The findings, recommendations and opinions contained herein have been promulgated in accordance with generally accepted practice in similar fields. No other representations, expressed or implied, and no warranty or guarantee is included or intended in this report.

The conclusions presented in this report are formulated on the basis of a limited work scope, which may result in a redirection of conclusions and interpretations where new information is obtained. The regulatory climate and interpretation may also have an effect on the outcome of the

environmental assessment for this site. The information contained in this report may have an effect on the value of the property, and is considered confidential. Copies of this report will be submitted to others only with authorization from the client.

APPENDIX I

Landfill Permit

October 8, 1990

Ms. Peggy Slind
Special Waste Coordinator
Waste Management of Wisconsin, Inc.
N96 W13475 County Line Road
Menomonee Falls, WI 53051

Subject: Landfill Acceptance Petroleum Affected Soils
Marathon Petroleum Company
Milwaukee Terminal
M.E.S. Project No. 01060

Dear Ms. Slind,

Enclosed are the completed forms you require for acceptance of petroleum affected soils from the referenced site.

On Friday, October 5, 1990, you indicated you would "walk through" the application for quick approval. Please call me later today with your determination.

Sincerely yours,

MIDWEST ENGINEERING SERVICES, INC.

Matthew A. Henderson, P.E.
Principal of Firm

CC: Mr. Patrick J. Mihelick
Marathon Petroleum Company

October 8, 1990

Ms. Peggy Slind
Special Waste Coordinator
Waste Management of Wisconsin, Inc.
N96 W13475 County Line Road
Menomonee Falls, WI 53051

Subject: Landfill Acceptance Petroleum Affected Soils
Marathon Petroleum Company
Milwaukee Terminal
M.E.S. Project No. 01060

Dear Ms. Slind,

Enclosed are the service agreement, authorization letter and clear copy of VOC results you requested.

Please call if you have any questions.

Sincerely yours,

MIDWEST ENGINEERING SERVICES, INC.

Matthew A. Henderson, P.E.
Principal of Firm

CC: Mr. Patrick J. Mihelick
Marathon Petroleum Company

GENERATOR'S SPECIAL WASTE PROFILE SHEET
TYPE A WASTE
INSTRUCTIONS

Information on this form is used to determine if the waste may be transported, treated, stored or disposed in a legal, safe, and environmentally sound manner. This information will be maintained in strict confidence. Answers must be printed in ink or typed. A response of "NONE," or "NA" can be made if appropriate.

PART A. WHERE IS THE WASTE GENERATED?

1. GENERATOR NAME - Enter the name of the facility where the waste is generated.
2. FACILITY ADDRESS - Enter the street address (not P.O. Box) of the facility where the waste is generated.
3. GENERATOR CITY, STATE/PROVINCE - Enter the city and state or province.
4. ZIP/POSTAL CODE - Enter the generating facility's zip or postal code.
5. GENERATOR USEPA/CANADIAN FEDERAL ID - Enter the identification number issued by the USEPA or CANADIAN FEDERAL AGENCY to the facility generating the waste (if applicable).
6. GENERATOR STATE/PROVINCIAL ID - Enter the identification number issued by the state or province to the facility generating the waste (if applicable).
7. TECHNICAL CONTACT - Enter the name of a person who can answer technical questions about the waste.
8. PHONE - Enter technical contact's telephone number.

PART B. WHERE ARE WASTE MANAGEMENT OF NORTH AMERICA INVOICES MAILED?

1. If you want the invoice mailed to the same address as in PART A, check "Generating Facility." If you want the invoices mailed elsewhere, then answer Questions 2, 3, 4, 5 and 6.
2. COMPANY NAME - Enter the name of the company which will receive invoices.
3. PHONE - Enter the telephone number of the company receiving invoices.
4. ADDRESS - Enter the address of the company receiving invoices.
5. CITY, STATE/PROVINCE - Enter the city and state or province of the company receiving invoices.
6. ZIP/POSTAL CODE - Enter the zip or postal code of the company receiving invoices.

PART C. PHYSICAL CHARACTERISTICS OF WASTE

1. NAME OF WASTE - Enter a name generally descriptive of this waste. (e.g. paint sludge, contaminated soil, incinerator ash)
2. PROCESS GENERATING WASTE - List the specific process/operation or source that generates the waste. (e.g. paint spray booth, spill clean up, incineration of municipal refuse)
3. SPECIAL HANDLING INSTRUCTIONS - Describe any special handling requirements for proper management of the waste.
4. COLOR - Describe the color of the waste (e.g., blue, transparent, varies).
5. ODOR - **DO NOT SMELL THE WASTE!** If the waste has a known incidental odor, then describe it (e.g., acrid, pungent, solvent, sweet).
6. PHYSICAL STATE - If the four boxes provided do not apply, a descriptive phrase may be entered after "Other" (e.g., gas).
7. LAYERS - Check all applicable boxes. Multi-layered means more than two layers (e.g., oil/water/sludge). Bi-layered means the waste is comprised of two layers which may or may not be of the same phase(e.g., oil/water, solvent/sludge). Single phased means the waste is homogeneous.
8. SPECIFIC GRAVITY - Indicate the range. The specific gravity of water is 1.0. Most organics are less than 1.0. Most inorganics and paint sludge are greater than 1.0.
9. FREE LIQUIDS - Check "YES" if liquid is usually present when packaging for shipment and estimate the percent of liquid volume. Check "NO" if there are no free liquids as determined by the Paint Filter Test or direct observation.
10. pH - Indicate for liquid portions of the waste. Check the appropriate boxes which cover the pH of the waste. Use the "Range" space if appropriate. For solid or organic liquid wastes, indicate the pH of a 10% aqueous solution of the waste if applicable. Check "NA" for non-water soluble materials (e.g., foundry sands).
11. FLASH POINT - Indicate the flash point obtained using the appropriate testing method.

Form WMNA-0089A (2/89) Waste Management of North America

PART D. TRANSPORTATION INFORMATION

1. METHOD OF SHIPMENT - Indicate the anticipated method of shipment by checking the appropriate box.
2. ANNUAL AMOUNT/UNITS - Enter the amount of special waste that will be generated and transported annually. Use appropriate units to describe this volume (e.g., cubic yards, gallons, kilograms, pounds).
3. SUPPLEMENTAL INFORMATION - Enter any additional shipping information.
4. INDICATE IF THIS WASTE IS A USDOT OR CANADIAN FEDERAL HAZARDOUS MATERIAL. If so, answer Questions 5, 6, and 7 below:
5. HAZARD CLASS/ID - Enter the proper USDOT or Canadian Federal hazard class, enter the proper USDOT or Canadian Federal Identification Number
6. REPORTABLE QUANTITY (RQ)/ RQ Units (lb, kg), Enter the Reportable Quantity for this waste. Indicate the appropriate units for the RQ.
7. SHIPPING NAME - Enter the proper USDOT or Canadian Federal shipping name for this waste.

PART E. CHEMICAL COMPOSITION

1. List all organic and/or inorganic components of the waste using **specific chemical names.** If trade names are used, attach Material Safety Data Sheets or other documents which adequately describe the composition of the waste. For each component, estimate the range (in percents) in which the component is present. The total of the maximum values of the components must be greater than or equal to 100% including water, earth, etc.
2. If this waste contains PCBs, cyanides, phenolics or sulfides, indicate the concentration(s). If this waste does not contain these constituents, indicate by checking the "NO" box(es) which apply. If the concentration of these constituents is unknown, please indicate "UNK" under "ACTUAL".

PART F. METALS

1. Indicate whether any of the heavy metals are present in the waste. For each metal, check the box indicating that the metal content will not exceed the stated amount or enter the actual metal content, in parts per million, if available. If metals concentrations are unknown or not present indicate by writing "UNK" or "NA" respectively.
2. If actual concentrations are provided, indicate whether results were determined by the EP TOX (extraction procedure toxicity) or TCLP (Toxicity Characteristics Leaching Procedure) method, or whether the value represents the total metal concentrations.

PART G. GENERATOR CERTIFICATION

By signing this Special Waste Profile Sheet the generator certifies that the statements in Nos. 1, 2, 3 and 4 are true and accurate with respect to the waste streams listed.

5. SIGNATURE - An authorized employee of the generator must sign this Generator's Special Waste Profile Sheet.
6. TITLE - Enter employee's title.
7. NAME - Enter employee's name.
8. DATE - Enter the date signed.

KEEP A COPY OF THIS GENERATOR'S SPECIAL WASTE PROFILE SHEET FOR YOUR RECORDS. SEND THE ORIGINAL AND ATTACHMENTS TO YOUR WASTE MANAGEMENT OF NORTH AMERICA SALES REPRESENTATIVE.

Waste Management of North America
GENERATOR'S SPECIAL WASTE PROFILE SHEET
TYPE A Waste

PLEASE PRINT IN INK OR TYPE

WMA
Waste Profile Sheet Code

INSTRUCTIONS FOR COMPLETING THIS FORM ARE ATTACHED

(Shaded Areas For WMNA Use Only)

Renewal Date of Service Agreement: WMNA Sales Rep#:

A. WHERE IS THE WASTE GENERATED?

1. Generator Name: MARATHON PETROLEUM COMPANY - MILWAUKEE TERMINAL
2. Facility Address (site of waste generation): 9125 NORTH 107TH STREET
3. Generator City, State/Province: MILWAUKEE, WI 4. Zip/Postal Code: 53224
5. Generator USEPA/Federal ID:
6. Generator State/Province ID:
7. Technical Contact: PATRICK MIHELICK 8. Phone: (419) 422-2121

B. WHERE ARE WASTE MANAGEMENT, INC. INVOICES SENT? ATTN: PATRICK MIHELICK

1. ☐ Generating Facility (A, above), or
2. Company Name: MARATHON PETROLEUM COMPANY 3. Phone: (419) 422-212
4. Address: 539 SOUTH MAIN STREET
5. Generator City, State/Province: FINDLAY, OHIO 6. Zip/Postal Code: 45840

C. PHYSICAL CHARACTERISTICS OF WASTE (See Instructions)

1. Name of Waste: PETROLEUM AFFECTED SOIL
2. Process Generating Waste: SOILS
3. Special Handling Instructions: NONE

4. Color	5. Does the waste have a strong incidental odor?	6. Physical State @ 70°F/21°C:	7. Layers	8. Specific Gravity:	9. Free Liquids:
BROWN	☒ No ☐ Yes if so, describe: GASOLINE	☒ Solid ☐ Semi-Solid ☐ Liquid ☐ Powder Other:	☐ Multi-layered ☐ Bi-layered ☒ Single Phased	Range - 1.9	☐ Yes ☒ N Volume: %

10. pH: ☐ ≤ 2 ☐ > 2-4 ☐ 4-7 ☐ 7 ☒ 7-10 ☐ 10- < 12.5 ☐ ≥ 12.5 ☐ Range ☐ NA

11. Flash Point: ☐ None ☐ <140°F/60°C ☐ 140°-199°F/60°-83°C ☐ ≥ 200°F/93°C ☒ Closed Cup ☐ Open Cup
7 110 °C

D. TRANSPORTATION INFORMATION

1. Method of Shipment: ☐ Bulk Liquid ☐ Bulk Sludge ☒ Bulk Solid ☐ Drum/Box ☐ Other
2. Annual Amount/Units: 300 to 600 YDS
3. Supplemental Information:

4. Is this a DOT hazardous material? ☒ No ☐ Yes (If so, complete 5, 6 &7) 5. Hazard Class/ID #:
6. Reportable Quantity/ Units (lb/kg): 7. Shipping Name:

☐ Check this box if additional information is attached.

Turn Page and Complete Side 2

Waste Management of North America
GENERATOR'S SPECIAL WASTE PROFILE SHEET

PLEASE PRINT IN INK OR TYPE

E. CHEMICAL COMPOSITION

	RANGE MIN.-MAX.
	- %
PETROLEUM AFFECTED	- %
SOIL	100 %
	- %
	- %
	- %
	- %
	- %
	- %
	- %
	- %
	- %

Please note: The chemical composition total in the maximum column must be greater than or equal to 100%. Total: _____ %

2. Does this waste contain any of the following (provide concentration if known):

	NO	or LESS THAN	or ACTUAL
PCB's	☐	☐ <50 ppm	_____ ppm
Cyanides	☐	☒ <50 ppm	<.151 ppm
Sulfides	☐	☒ <50ppm	<.15 ppm
Phenolics	☐	☒ <50 ppm	.13 ppm

F. METALS

1. Does this waste contain any of the following metals (provide concentration if known):

Arsenic	☐<5 or <.03 ppm	Barium	☐<100 or .43 ppm	Cadmium	☐<1 or <.01 ppm
Chromium	☐<5 or <.04 ppm	Lead	☐<5 or <.08 ppm	Mercury	☐<0.2 or <.002 ppm
Selenium	☐<1 or <.1 ppm	Silver	☐<5 or <.01 ppm	Copper	☐ .07 ppm
Nickel	☐ .03 ppm	Zinc	☐ <.01 ppm		_____ ppm

2. Indicate method used to determine concentration (if provided): ☐ EP TOX ☒ TCLP, or ☐ Total

G. GENERATOR CERTIFICATION

By signing this profile sheet, the generator certifies that unless clearly stated above or in attachments:

1. This waste is not a "Hazardous Waste" as defined by USEPA or Canadian Federal regulation and/or the state/province.
2. This waste does not contain regulated quantities of PCB's (Polychlorinated Biphenyls).
3. This sheet and its attachments contain true and accurate descriptions of the waste material. All relevant information regarding known or suspected hazards in the possession of the generator has been disclosed.
4. The Contractor's Definition of Special Waste (Form WMNA 0038 AD) has been read, signed and attached.

Matthew Henderson
5. Signature

AUTHORIZED AGENT FOR MARATHON PETROLEUM Co
6. Title

MATTHEW HENDERSON P.E.
7. Name (Type or Print)

10/5/90
8. Date

WASTE MANAGEMENT OF NORTH AMERICA
GENERATOR'S CERTIFICATION OF REPRESENTATIVE SAMPLE
INSTRUCTIONS

PART A. SAMPLING METHOD
Check the sampling method employed and sign line 5 of section C.

Some Special Wastes require analytical data to determine their chemical composition, regulatory status, and if they are acceptable for transportation, treatment or disposal. This form is used to certify that a representative sample was collected for testing by Waste Management of North America (WMNA) or to certify that analytical data being presented to WMNA were derived from testing of a representative sample. The sample should be collected in accordance with "Test Methods for the Evaluation of Solid Waste, Physical/Chemical Methods," SW846, USEPA, and/or 40CFR261-Appendix I, or approved Canadian equivalent methods. A suitable sample container for most wastes is a wide mouth glass bottle with a plastic cap having a non-reactive liner. Plastic containers are recommended for strong caustics or fluorides. Fill to approximately 90% of capacity to allow for expansion during transportation. The peel off label on this form must be completed prior to removal from the form. The label must be attached to the sample container, not the shipping container.

The sample must be packed and shipped in accordance with U.S. DOT or Canadian equivalent regulations and any specific requirements imposed by the carrier. Improperly packaged samples may be disposed upon receipt.

PART B. SAMPLE SOURCE
Describe exactly where the sample was taken (e.g., conveyor, drum, lagoon, pipe, pit, pond, tank, vat).

PART C. SAMPLE LABEL
THE SAMPLE LABEL MUST BE COMPLETED BEFORE IT IS REMOVED FROM THIS FORM.

Apply the completed peel off label to the container which actually holds the sample, not to the shipping container.

1. WASTE PROFILE SHEET CODE - Enter the code from the Generator's Special Waste Profile Sheet for this waste. This Certification and its peel off label must be used to identify **ONLY** the sample of the Special Waste described in the Generator's Special Waste Profile Sheet bearing this code.

2. GENERATOR'S NAME - Enter the name of the facility where the waste is generated.

3. NAME OF WASTE - Enter a name which is generally descriptive of this waste (e.g., paint sludge, diesel oil contaminated dirt, wastewater treatment sludge). This name should be the same as Section C on the Generator's Special Waste Profile Sheet.

4. SAMPLE HOUR/DATE - Enter the hour and date the sample was collected.

5. SAMPLER'S SIGNATURE - The sampler must sign in the space provided.

6. PRINT SAMPLER'S NAME - Enter the sampler's name.

7. SAMPLER'S TITLE - Enter the sampler's title.

8. SAMPLER'S EMPLOYER (If other than generator see D. Below) - Enter the sampler's employer's name.

Remove the completed peel off label and affix it to the sample container at the time of sampling. If this label is lost or destroyed, the sample must be labeled with equivalent information, including the Waste Profile Sheet Code. If the Certification of Representative Sample Form is lost or destroyed, please contact your WMNA Sales Representative to obtain a new one.

PART D. WITNESS VERIFICATION (if required):
If a Waste Management of North America employee or other contractor obtains the sample on your site, then one of your employees must direct the contractor's employee to the sample source and witness the sampling. Your employee must also provide the information requested in PART D.

1. WITNESS SIGNATURE - Sign in the space provided.
2. WITNESS NAME - Print the name of the customer's employee who witnessed the sampling.
3. WITNESS TITLE - Enter the witness' title.
4. WITNESS' EMPLOYER - Enter the witness' employer's name.
5. DATE - Enter the date the sampling event was witnessed.

PART E. REPRESENTATIVE DATA CERTIFICATION
If the customer is presenting their own analytical data to WMNA, they must sign this section, certifying that the analytical data presented were derived from testing of a representative sample taken in accordance with one of the methods listed in Part A. Parts B & C should also be completed to the extent possible.

GENERATOR'S CERTIFICATION OF REPRESENTATIVE SAMPLE

Shaded area for WMNA use only — WMNA Sales Rep. #: _____ Waste Profile Sheet Code: _____

This completed form must be returned, with the representative sample, to:

_____

_____

_____

INSTRUCTIONS FOR COMPLETING THIS FORM ARE FOUND ON THE OPPOSITE SIDE. In order to determine whether Waste Management of North America (WMNA) can accept the Special Waste described in the Generator's Special Waste Profile Sheet referenced above, you must supply a representative sample of the waste, or sign Part E below certifying that analytical data presented to Waste Management were derived from testing of a representative sample. A representative sample is defined as a sample obtained using any of the applicable sampling methods specified in Federal, State or Provincial Regulations. When you collect a representative sample of your waste, apply the peel off label and ship your sample along with this form to the address noted above. If you have any questions, please refer to the instructions for this form, or contact your WMNA sales representative.

A. SAMPLING METHOD (Indicate the method used and sign line 5 in Section C to certify a representative sample was taken)

1. ☒ I have obtained a representative sample of the waste material described in the Generator's Special Waste Profile Sheet referenced above according to the sampling methods specified in 40 CFR 261-Appendix I or equivalent Canadian rules.
2. ☐ I have obtained a representative sample of the waste material described in the Generator's Special Waste Profile Sheet referenced above by an equivalent method.

B. SAMPLING SOURCE (e.g., drum, lagoon, pit, pond, tank, vat)

EXCAVATED SOIL

C. REPRESENTATIVE SAMPLE CERTIFICATION AND SAMPLE LABEL (COMPLETE LABEL BEFORE REMOVING)

1. Waste Profile Sheet Code:	121754	1. Waste Profile Sheet Code:
2. [redacted] Generator's Name:	MARATHON PETROLEUM CO.	2. Generator's Name:
3. [redacted] Name of Waste:	PETROLEUM AFFECT SOIL	3. Name of Waste:
4. [redacted] Sample Hour/Date:	4:00 PM 9/20/90	4. Sample Hour/Date:
5. [redacted] Sampler's Signature:	Matthew Henderson	5. Sampler's Signature:

6. Print Sampler's Name: MATTHEW HENDERSON P.E.
7. Sampler's Title: AUTHORIZED AGENT FOR MARATHON PETROLEUM
8. Sampler's Employer (if other than generator, see D. below): MIDWEST ENGINEERING SERVICES

D. WITNESS VERIFICATION (if required) In most circumstances the customer will obtain the sample. However, in those cases in which WMNA or another contractor obtains the sample, one of the customer's employees must be present to direct the particular source to be sampled, to witness the sampling, and to complete this Part D.

I was personally present during the sampling described. I directed the waste source to be sampled, and I verify the information noted above.

1. Witness' Signature: _____
2. Witness' Name: _____ 3. Witness' Title: _____
4. Witness' Employer: _____ 5. Date: _____

E. REPRESENTATIVE DATA CERTIFICATION (Complete Parts A, B, & C to the extent possible)

By signing below the customer is certifying that:
The analytical data presented to Waste Management of North America were derived from testing of a representative sample taken in accordance with one of the methods listed in Part A of this form.

Matthew Henderson — Signature

AUTHORIZED AGENT FOR MARATHON — Title

MATTHEW HENDERSON — Name

10/5/90 — Date

WASTE MANAGEMENT OF WISCONSIN, INC.
(PURSUANT TO NR181.16)

THIS FORM AND ANY SUPPLEMENTAL INFORMATION SHOULD BE RETURNED TO:

Parkview Landfill
N96 W13475 County Line Road
Menomonee Falls, WI 53051

GENERATOR NAME: MARATHON PETROLEUM CO

GENERATING FACILITY NAME/ADDRESS: MILWAUKEE TERMINAL
9125 NORTH 107TH STREET
MILWAUKEE, WI

COMPANY CONTACTS:

GENERAL _____ TITLE _____ DATE _____

TECHNICAL PATRICK MIHELICK TITLE ENVIRONMENTAL ENGINEER DATE _____

WASTE NAME: PETROLEUM AFFECTED SOIL

PROCESS GENERATING WASTE: SPILL CLEAN-UP

THE UNDERSIGNED DOES HEREBY REPRESENT TO _____
(Insert Name of Disposal Company) THAT:

1. The referenced profile sheet had been executed by MATTHEW HENDERSON (Insert Name of Authorized Signatory) on 10/5/90 (Insert date)

2. The waste does NOT contain the halogenated compounds tetrachloroethylene, trichloroethylene, methylene chloride, 1,1,1-trichloroethane, carbon tetrachloride, chloroform, ortho-dichlorobenzene, dichlorodifluoromethane, 1,1,2-trichloro-1,2, 2-trifluoroethane, trichlorofluoromethane, 1,1-dichloroethylene, and 1,2-dichloroethylene at greater than 1% (10,000 ppm) total solvent concentration. This listing includes any combination of the above named halogenated compounds where the total concentration of the sum of the concentrations of the individual compounds exceeds 1% or 10,000 ppm on a weight to weight basis.

10/5/90
(DATE)

GENERATORS AUTHORIZED SIGNATORY:

NAME: MATTHEW HENDERSON

SIGNATURE: [signature]

TITLE: AUTHORIZED AGENT FOR MARATHON PETROLEUM CO

Parkview Landfill
N96 W13475 County Line Road
Menomonee Falls, WI 53051
(414) 251-3790 • FAX (414) 255-3795

A Waste Management Company

PESTICIDE/HERBICIDE
DECLARATION LETTER

Dear Customer:

If, to the best of your knowledge, your waste stream does not contain any of the pesticide and herbicide parameters listed below please complete and sign this form.

If, pesticides and/or herbicides may be present in your waste stream, a pesticide/herbicide analysis must be completed and submitted with your Waste Management Generator's Waste Material Profile Sheet.

By signing this document, I MATHEW HENDERSON hereby certify
(Generator's Name)

that the waste stream as described on Waste Management Generator's Waste Material Profile Sheet #_____ does not contain the following pesticides and herbicides: Chlordane, Endrin, Heptachlor (and its hydroxide), Lindane, Methoxychlor, Toxaphene, 2,4-D, 2,4,5-TP (Silvex).

Mark L Henderson
Generator's Signature

AUTHORIZED AGENT FOR
Title
MARATHON PETROLEUM CO

10/5/90
Date

CONTRACTOR'S DEFINITION OF SPECIAL WASTE

1. "Special Waste" means Type A or Type B Special wastes as defined below.

WASTE PROFILE CODE

2. "Type A Special Waste" means any waste, from a commercial or industrial activity meeting any of the following descriptions.
   a. A containerized waste (e.g., a drum, portable tank, lugger box, roll-off box, pail, bulk tanker, etc.) listed in b.-g. below.
   b. A waste containing free liquids.
   c. A sludge waste.
   d. A waste from an industrial process.
   e. A waste from a pollution control process.
   f. Residue and debris from the cleanup of a spill of a chemical substance or commercial product or a waste listed in a.-e. or g.
   g. Contaminated residuals, or articles from the cleanup of a facility generating, storing, treating, recycling, or disposing of wastes listed in a.-f.

3. **Incidental Amounts of Special Waste**
   The Contractor recognizes that many customers will produce some "Type B Special Waste," as defined below. Incidental quantities of "Type B Special Waste," do not require a Generator's Type B Special Waste Profile Sheet (Form WMNA-0089B) to be signed by the customer. However, the customer must identify the type and amount of Type B Special Wastes which will be provided to the Contractor in incidental amounts by completing the box in the lower right corner.

4. **"Type B Special Waste" means any waste from a commercial or industrial activity meeting the descriptions which follow:**
   a. **Friable asbestos waste from building demolition or cleaning;** wall board, wall spray coverings, pipe insulation, etc. Nonfriable asbestos is not a special waste unless it has been processed, handled or used in such a way that asbestos fibers may be freely released. Asbestos-bearing industrial process waste is a "Type A Special Waste.
   b. **Commercial products or chemicals which are off-specification, outdated, unused or banned.** Out-dated or off-specification, uncontaminated food or beverage products in original consumer containers are not included in this category, however, containers which once held commercial products or chemicals are included unless the container is empty. A container is empty when:
      All wastes have been removed that can be removed using the practices commonly employed to remove materials from the type of container, e.g., pouring, pumping or aspirating, and an end has been removed (for containers in excess of 25 gallons), and no more than 1 inch (2.54 centimeters) of residue remains on the bottom of the container or inner liner, or no more than 3% by weight of the total capacity of the container remains in the container (containers $\leq$ 110 gallons), or no more than 0.3% by weight of the total capacity of the container remains in the container (containers > 110 gallons.) Containers which once held **ACUTELY HAZARDOUS WASTES** must be triple rinsed with an appropriate solvent or cleaned by an equivalent method. Containers which once held substances regulated under the Federal Insecticide, Fungicide, and Rodenticide Act must be empty according to label instructions or triple rinsed.
   c. **Untreated bio-medical waste - Any waste capable of inducing infection due to contamination with infectious agents from a bio-medical source including but not limited to a medical practitioner, hospital, medical clinic, nursing home, university medical laboratory, mortuary, taxidermist, veterinarian, veterinary hospital or animal testing laboratory.** Sharps from these sources must be rendered harmless or placed in needle puncture proof containers. Residue from incineration of infectious wastes is a "Type A Special Waste."
   d. **Treated bio-medical wastes - Any wastes from a bio-medical source including but not limited to a hospital, medical clinic, nursing home, medical practitioner, mortuary, taxidermist, veterinarian hospital, animal testing laboratory, or university medical laboratory which has been autoclaved or otherwise heat treated or sterilized so that it is no longer capable of inducing infection.** Any sharps from these sources must be rendered harmless or placed in needle puncture proof containers.
   e. **Liquids and sludges** from septic tanks, food service grease traps, or washwater and wastewaters from commercial laundries, laundromats and car washes unless these wastes are managed at commercial or public treatment works.
   f. **Chemical-containing equipment removed from service.** Examples: filters, cathode ray tubes, lab equipment, acetylene tanks, fluorescent light tubes, etc.
   g. **Waste produced from the demolition or dismantling of industrial process equipment or facilities contaminated with chemicals from the industrial process** Chemicals or wastes removed or drained from such equipment or facility are "Type A Special Wastes."

CUSTOMER ACKNOWLEDGES THAT HE HAS READ THE FOREGOING DEFINITION AND HAS IDENTIFIED THE TYPES AND AMOUNTS OF ANY TYPE B WASTE STREAMS PRODUCED IN INCIDENTAL AMOUNTS.

MARATHON PETROLEUM Co
CUSTOMER

AUTHORIZED SIGNATURE

10/5/90
DATE

INCIDENTAL WASTE TYPES AND AMOUNTS:
NONE

General Manager of WMNA Division concurs that the above amounts of "Type B Special Wastes" are incidental to the load.
Signature:

Form WMNA-0088AD (2/89) Waste Management of North America
White - WMNA Division Canary - Customer

Parkview Recycle & Disposal Facility
N96 W13475 County Line Road
Menomonee Falls, WI 53051
(414) 253-8620

SERVICE AGREEMENT
NON-HAZARDOUS WASTE DISPOSAL

CUSTOMER'S BILLING NAME
MARATHON PETROLEUM CO (MAY BILL THRU AUTO EQUIP)

CUSTOMER'S BILLING ADDRESS
539 S. MAIN STREET

CITY, STATE/PROVINCE, ZIP/OSTAL CODE
FINDLAY, OH 45840

CUSTOMER CONTACT
MR. PATRICK MIHELICK

PHONE NUMBER
( ) 419 - 422 - 2121

BANK REFERENCE	BANK CONTACT	PHONE NUMBER
		( )

Credit may be extended to Customer after appropriate credit information, in a form acceptable to Contractor, has been presented to and reviewed by Contractor. Contractor may, in its sole discretion, require a collateral deposit (in the form of cash, letter of credit or surety bond) acceptable to Contractor. It is the responsibility of the Customer to keep said collateral deposit current. Collateral deposits, where utilized, may be adjusted when there is an increase in disposal tonnage and/or rates. Collateral deficiencies must be corrected within 30 days of notice of required adjustment.

This is a legally binding contract, and Contractor agrees to provide and Customer agrees to accept the waste disposal services subjeact to the tems and conditions specified in this contract.

ESTIMATED MONTHLY AMOUNT OF WASTE FOR LAND DISPOSAL:
300 - 500 yd3
(Include units e.g., cubic yards, pounds, kilograms)

SPECIAL INSTRUCTIONS:
Follow all conditions for disposal stated on the attached Special Waste Management Decision (Profile No. 121754) Section II B. All loads must be manifested.

THE TERMS AND CONDITIONS ON REVERSE SIDE ARE PART OF THIS AGREEMENT.

CUSTOMER
Authorized Signature
AUTHORIZED AGENT FOR
Title
MARATHON PETROLEUM

CONTRACTOR
Representative
Date

SPE

[illegible]

[illegible] Report [illegible] Management and its companies [illegible] significance of the reported data is made to any other person [illegible]

_21754_

Waste Profile Sheet Code

FROM SAMPLE CONTAINER

LABORATORY NAME: Aqua Tech Environmental Consultants Inc

ADDRESS: 131 S. Main St Marion OH 43302 LAB MGR PHONE: 614 382 5991

DATE SAMPLE RECEIVED AT LAB: 1/21/90 DATE SAMPLE TAKEN: 1/20/90

LAB SAMPLE NUMBER ASSIGNED: ______ CERTIFICATION OF REP. SAMPLE OBTAINED? ☐ YES ☐ NO

CERTIFICATION: Except as explicitly noted, all analytical data reported below were obtained under my direction and supervision [illegible] Waste Management [illegible] companies. Sample preparation and analytical methods and analytical equipment specified or approved in the facility's waste analysis plan were used [illegible] quality assurance control program.

DATE OF REPORT: ______ SIGNATURE: ______

LAB MANAGER NAME: ______

PHYSICAL CHARACTERISTICS OF WASTE

SAMPLE VOLUME ______ COLOR ______

DOES THE WASTE HAVE A STRONG INCIDENTAL ODOR? ☐ YES ☐ NO UNKNOWN DESCRIBE ______

PHYSICAL STATE: ☐ SOLID ☐ SEMI-SOLID ☐ LIQUID ☐ POWDER

LAYERS: ☐ MULTI-LAYERED ☐ BI-LAYERED ☐ SINGLE PHASED

FREE LIQUIDS: ☐ YES ☐ NO VOLUME ______

✓	Test	As Received	Extraction Procedure	Date of Analysis	✓	Test	As Received	Extraction Procedure	Date of Analysis
	Specific Gravity					Sulfur, as S, %			
	pH, s.u.								
	Acidity, % as					Phenols, mg/l			
	Alkalinity, % as					Cyanides, as CN, Total mg/l			
	C.O.D., mg/l					Cyanides, as CN, Free mg/l			
	B.O.D., mg/l					Ammonia Nitrogen, as N, mg/l			
	Total Solids @ 105°C, %					Total Kjeldahl Nitrogen, as N, mg/l			
	Total Dissolved Solids, mg/l								
	R.O.E. @ 180°C, mg/l					Total Alkalinity, P, as $CaCO_3$, mg/l			
						Total Alkalinity, M, as $CaCO_3$, mg/l			
	Flash Point, °F (closed cup)					Total Hardness, as $CaCO_3$, mg/l			
	Ash Content, on ignition, %					Calcium Hardness, as $CaCO_3$, mg/l			
	Heating Value, BTU/lb					Magnesium Hardness, as $CaCO_3$, mg/l			
	Arsenic, as As, mg/l					Oil and Grease, mg/l			
	Barium, as Ba, mg/l					Paint Filter Test, free liquids, %			
	Cadmium, as Cd, mg/l					Water Content, as H_2O, %			
	Chromium, Total, as Cr, mg/l								
	Chromium, Hexavalent, as Cr^{+6}, mg/l					Aldrin, mg/l			
	Cobalt, as Co, mg/l					Chlordane, mg/l			
	Copper, as Cu, mg/l					DDT, mg/l			
	Iron, Total, as Fe, mg/l					Dieldrin, mg/l			
	Iron, Dissolved, as Fe, mg/l					Heptachlor, mg/l			
	Lead, as Pb, mg/l					Parathion, mg/l			
	Manganese, as Mn, mg/l					Endrin, mg/l			
	Magnesium, as Mg, mg/l					Lindane, mg/l			
	Mercury, as Hg, mg/l					Methoxychlor, mg/l			
	Nickel, as Ni, mg/l					Toxaphene, mg/l			
	Selenium, as Se, mg/l					2,4-D, mg/l			
	Silver, as Ag, mg/l					2,4,5-TP (Silvex), mg/l			
	Thallium, as Tl, mg/l								
	Zinc, as Zn, mg/l					PCBs, mg/l			
	Bicarbonates, as HCO_3, mg/l					pH Screen, s.u.			
	Bromides, as Br, mg/l					Cyanide Screen, (+,-)			
	Carbonates, as CO_3, mg/l					Flammability Screen, (+,-)			
	Chlorides, as Cl, mg/l					Oxidizer Screen, (+,-)			
	Fluorides, as F, mg/l					Radiation Screen, (+,-)			
	Nitrates, as NO_3, mg/l					Sulfide Screen, (+,-)			
	Nitrites, as NO_2, mg/l					Water Mix Screen, (+,-)			
	Phosphates, as P, mg/l								
	Sulfates, as SO_4, mg/l								
	Sulfides, as S, mg/l								

APPENDIX II

Analytical Results
Landfill Acceptance

AQUA TECH ENVIRONMENTAL CONSULTANTS, INC.

P.O. Box 76
Melmore, Ohio 44845
(419) 397-2659

Client:	MIDWEST ENGINEERING SERVICES
Address:	111 WILMOUT DR UNIT F WAUKESHA WI 53186 ATTN: KEN RIPPY
Project No:	Date(s) of Receipt at Laboratory: 9/21/90
Purchase Order:	
Comments:	

Sample Inventory

Atec No.	Client No.	Method(s)
14418	MARATHON MILWAUKEE TERMINAL	TCLP ANALYSIS

Comments:

Authorized Signature: Robert S. Kowacky

Title: Melmore Laboratory Manager
Date Released: SEPTEMBER 26, 1990

AQUA TECH
ENVIRONMENTAL CONSULTANTS, INC.
P.O. Box 76, Melmore, Ohio 44845, 419-397-2959 or 397-2222
P.O. Box 436, 181 South Main Street, Marion, Ohio 43302, 614-382-5991
136 North Horner Blvd., Sanford, North Carolina 27330

LABORATORY ANALYSIS REPORT

DATE REC'D. 09-21-1990
DATE REP'D. 09-27-1990 P.O. # --

LAB NO. 10-15836-90
CLIENT NO. I0030

SAMPLE LOCATION MARATHON MILWAUKEE TERMNL
SAMPLED BY PLANT PERSONNEL

DATE SAMPLED 09-20-1990
TIME SAMPLED ?

KEN RIPPY
MIDWEST ENGINEERING SERVICE
111 WILMONT DR UNIT F
WAUKESHA WI 53186

COMMENTS:

STORET	ANALYSIS	RESULT	UNITS	DATE OF ANALYSIS
00016	TCLP EXT FOR METALS:	--	--	09-25-1990
01002	ARSENIC, TOTAL, AS	<0.03	MG/L	09-27-1990
01007	BARIUM, TOTAL, BA	0.43	MG/L	09-27-1990
01027	CADMIUM, TOTAL, CD	<0.01	MG/L	09-27-1990
01034	CHROMIUM, TOTAL, CR	<0.04	MG/L	09-27-1990
01051	LEAD, TOTAL, PB	<0.08	MG/L	09-27-1990
71900	MERCURY, TOTAL, HG	<0.002	MG/L	09-25-1990
01147	SELENIUM, TOTAL, SE	<0.10	MG/L	09-27-1990
01077	SILVER, TOTAL, AG	<0.01	MG/L	09-27-1990

LABORATORY CERTIFICATION # 4053

SIGNED

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AQUA TECH ENVIRONMENTAL CONSULTANTS, INC.
QUALITY CONTROL DATA
FOR
LABNUMBERS 15836-90 TO 15836-90

LAB NO.	STORET	ANALYSIS	RSLT #1	RSLT #2	SPIKE	SPIKE RSLT	% R	UNITS
PAGE 1 OF 1 PAGES								
15836-90	71900	MERCURY, TOTAL,	0.0	0.0	2.0	2.0	100	UG/L
15836-90	01002	ARSENIC, TOTAL,	0.0024	0.0023	0.100	0.1004	98	MG/L
15836-90	01147	SELENIUM, TOTAL	0.000	0.0006	0.024	0.0244	100	MG/L
15836-90	01147	SELENIUM, TOTAL	0.000	--	0.045	0.0444	99	MG/L
15836-90	01007	BARIUM, TOTAL,	0.398	0.428	10.00	10.005	96	MG/L
15836-90	01027	CADMIUM, TOTAL,	0.00	0.00	1.00	0.92	92	MG/L
15836-90	01034	CHROMIUM, TOTAL	0.01	0.03	5.00	3.70	74	MG/L
15836-90	01034	CHROMIUM, TOTAL	0.03	--	1.00	0.72	69	MG/L
15836-90	01051	LEAD, TOTAL, PB	0.00	0.08	5.00	5.01	99	MG/L
15836-90	01077	SILVER, TOTAL,	0.00	0.00	1.00	1.00	100	MG/L

AQUA TECH ENVIRONMENTAL CONSULTANTS, INC.
RESULT SHEET

Customer Name: MIDWEST ENGINEERING SERVICES
Sample Type: Soil
Sample Description: MARATHON MILWAUKEE TERMINAL
Analysis Performed: TCLP Analysis
Analysts: DWH, KJP, WEB

Atec No.: 14418
Date Received: 09/21/90
Date Extracted: 09/24/90
Date Analyzed: 09/25/90

COMPOUND	CONCENTRATION mg/L (PPM)
Benzene	0.131
Carbon Tetrachloride	< 0.010
Chlordane	< 0.015
Chlorobenzene	< 0.010
Chloroform	< 0.010
o-Cresol	< 0.010
m-Cresol	< 0.010
p-Cresol	< 0.010
1,4-Dichlorobenzene	< 0.002
1,2-Dichloroethane	< 0.010
1,1-Dichloroethylene	< 0.010
2,4-Dinitrotoluene	< 0.004
Heptachlor	< 0.002
Heptachlor Epoxide	< 0.003
Hexachlorobenzene	< 0.002
Hexachlorobutadiene	< 0.003
Hexachloroethane	< 0.003
Methyl Ethyl Ketone	< 0.100
Nitrobenzene	< 0.002
Pentachlorophenol	< 0.010
Pyridine	< 0.010
Tetrachloroethylene	0.016
Trichloroethylene	< 0.010
2,4,5-Trichlorophenol	< 0.010
2,4,6-Trichlorophenol	< 0.003
Vinyl Chloride	< 0.020

AQUA TECH
ENVIRONMENTAL CONSULTANTS
P.O. Box 76, Melmore, Ohio 44845, 419-397-2553 or 697-1222
P.O. Box 436, 181 South Main Street, Marion, OH 43302, 614-382-0991
936 North Horner Blvd., Sanford, North Carolina 27330

LABORATORY ANALYSIS REPORT

DATE REC'D. 10-02-1990
DATE REP'D. 10-05-1990 P.O. # ---

LAB NO. 10-16574-90
CLIENT NO. 10039

SAMPLE LOCATION MARATHON
SAMPLED BY ?

DATE SAMPLED 09-28-1990
TIME SAMPLED ?

KEN RIPPY
MIDWEST ENG. SERV.
111 WILMONT DR UNIT F
WAUKESHA WI 53186

COMMENTS:

STORET	ANALYSIS	RESULT	UNITS	DATE OF ANALYSIS
00725	CYANIDE, FREE, CN	<0.151	MG/KG	10-04-1990
00004	FLASH POINT	>110	C	10-03-1990
00403	PH, LAB	9.3	S.U.	10-02-1990
00500	RESIDUE, TOTAL (TS)	82.7	%	10-04-1990
00023	SPECIFIC GRAVITY	1.9	--	10-03-1990
00746	SULFIDE, REACTIVE, H2S	<0.15	MG/KG	10-04-1990
00016	TCLP EXT FOR METALS:	--	--	10-02-1990
32730	PHENOLS, 4-AAP	0.300	MG/L	10-03-1990
01067	NICKEL, TOTAL, NI	0.03	MG/L	10-03-1990
01042	COPPER, TOTAL, CU	0.07	MG/L	10-03-1990
01092	ZINC, TOTAL, ZN	<0.01	MG/L	10-03-1990
00025	PAINT FILTER TEST	PASS	--	10-02-1990

LABORATORY CERTIFICATION # 4053

SIGNED Jeffrey A. Smith

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AQUA TECH ENVIRONMENTAL CONSULTANTS, INC.
QUALITY CONTROL DATA
FOR
LABNUMBERS 16574-90 TO 16574-90

	STORET	ANALYSIS	RSLT #1	RSLT #2	SPIKE	SPIKE RSLT	% R	UNITS
1 OF 1 PAGES								
16574-90	00403	PH, LAB	9.3	9.3				S.U.
16574-90	01042	COPPER, TOTAL,	0.07	--	1.00	1.04	97	MG/L
16574-90	01067	NICKEL, TOTAL,	0.03	--	1.00	0.91	88	MG/L
16574-90	01092	ZINC, TOTAL, ZN	0.00	--	1.00	0.94	94	MG/L

AQUA TECH ENVIRONMENTAL CONSULTANTS, INC.
RESULT SHEET

Customer Name: MIDWEST ENGINEERING SERVICE
Sample Type: Soil
Analysis Performed: PCB's
Client Sample No.: Terminal 2/2
Marathon Milwaukee
ATEC Sample No.: 15078

Method No.: SW-846; 8080
Date Received: 9/21/90
Date Extracted: 10/1/90
Date Analyzed: 10/2/90

Parameters	Sample Results (mg/kg)
PCB-1016	< 0.10
PCB-1221	< 0.10
PCB-1232	< 0.10
PCB-1242	< 0.10
PCB-1248	< 0.10
PCB-1254	< 0.10
PCB-1260	< 0.10
Total Organic Halogen (TOX)	205

APPENDIX III

Analytical Results
Sample Taken During Execavation

SWANSON ENVIRONMENTAL INC.

3150 North Brookfield Road
Brookfield, Wisconsin 53045
telephone (414) 783-6111
facsimile (414) 783-5752

AIHA Accreditation #352
WDNR Certification #268181760

ANALYTICAL REPORT

REPORT NUMBER: 33119

Midwest Engineering Services, Inc.
111 Wilmont Drive
Waukesha, WI 53186

Attn: Mr. Matt Henderson
Project #01060

DATE: November 5, 1990
PURCHASE ORDER:
SEI JOB NO: WL4721
DATE COLLECTED: 10/11&12/90
DATE RECEIVED: 10/15/90

Soil Samples (Milwaukee Terminal)

Units: mg/kg (ppm)

SEI ID	Sample ID	Total Petroleum Hydrocarbons*
4721-1	#1	<5
4721-2	#2	<5
4721-3	#4	15
4721-4	#8	<5
4721-5	#9	20
4721-6	#10	<5
4721-7	#11	<5
4721-8	#13	<5
4721-9	#17	<5
4721-10	#19	<5
4721-11	#20	640

* Concentration based on a gasoline standard using the State of California Method.

Reviewed & Approved by:

Rosemary L. Dineen
Laboratory Director

ORIGINAL

APPENDIX IV

Manifest Copies

SPECIAL WASTE MANIFEST DISPOSAL TICKET

152125

DISPOSAL SITE

A Waste Management Company

COMPANY NAME: [illegible]

GENERATOR: [illegible]

WASTE DESCRIPTION: [illegible]

PROFILE # [illegible]

ACCEPTED BY: [illegible] 10/9/90

DRIVERS SIGNATURE [illegible] 10-9-90

CUSTOMER SIGNATURE [illegible] 10-9-90 _____ TONS

WHITE - DRIVER COPY / YELLOW - CUSTOMER COPY / PINK - NUMERIC FILE COPY

DCE003-88

WM0090

35722

(DRIVER: PLEASE SIGN BELOW)

857034

REFERENCE NO.
857034

(PLEASE SIGN HERE)

10/9/90 3:49

PARKVIEW LANDFILL
WASTE MANAGEMENT, INC.
N96 W13475 COUNTY LINE ROAD
MENOMONEE FALLS, WI 53051

CUSTOMER NO.	TRUCK NO.	INITIALS	TIME	DATE	BATCH NO.
6002214	55	RR	3:49:34	10/09/90	100930

CUSTOMER:
AUTOQUIP, INC.
3861 N 35TH STREET
MILWAUKEE, WI 53216-0000

MANIFEST NO. 152125
PERMIT NO. WMA121754

LOAD CODE	LOAD DESCRIPTION	LOAD QUANTITY	AMOUNT
658	CONTAMINATED SOIL	12.16	279.68
	GROSS WT LBS .00		
	TARE WT LBS .00		
	NET WT LBS .00	TOTAL	279.68

ORIGINAL

SPECIAL WASTE MANIFEST DISPOSAL TICKET

152124

A Waste Management Company

PARKVIEW
DISPOSAL SITE

COMPANY NAME: AUTO QUIP

GENERATOR: MARATHON

WASTE DESCRIPTION: CONTAMINATED SOIL

PROFILE # WMA 121754

ACCEPTED BY: RPalmquist 10/9/90

DRIVERS SIGNATURE [signature] (32)

CUSTOMER SIGNATURE Charles N [signature] 10-9-90

______ TONS

WHITE - DRIVER COPY / YELLOW - CUSTOMER COPY / PINK - NUMERIC FILE COPY

DCE003-88

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857025

REFERENCE NO. 857025

(DRIVER: PLEASE SIGN BELOW)

(PLEASE SIGN HERE) [signature]

PARKVIEW LANDFILL
WASTE MANAGEMENT, INC.
N96 W13475 COUNTY LINE ROAD
MENOMONEE FALLS, WI 53051

CUSTOMER NO.	TRUCK NO.	INITIALS	TIME	DATE	BATCH NO.
4002214	32	RR	3:34:00	10/09/90	100930

MANIFEST NO. 152124
PERMIT NO. WMA121754

CUSTOMER:
AUTOQUIP, INC.
3861 N 35TH STREET
MILWAUKEE, WI 53216-0000

LOAD CODE	LOAD DESCRIPTION	LOAD QUANTITY	AMOUNT
658	CONTAMINATED SOIL	16.61	382.03
		---TOTAL---	382.03
	GROSS WT LBS .00		
	TARE WT LBS .00		
	NET WT LBS .00		

35722

WM0090

SPECIAL WASTE MANIFEST DISPOSAL TICKET — 152131

PARK VIEW
DISPOSAL SITE

A Waste Management Company

LOOP #29
10-10-90 2:33PM ID

49520 lb IN

COMPANY NAME: AUTOQUIP

GENERATOR: MARATHON

WASTE DESCRIPTION: CONTAMINATED SOIL

LOOP #28
10-10-90 2:49PM ID

49520 lb GR
23560 lb TA
25960 lb NT

PROFILE # WMA 121754

ACCEPTED BY: R Beluzowski 10/10/90

DRIVERS SIGNATURE #40

CUSTOMER SIGNATURE Charles M Hopl #10 10-9-90 ____ TONS

WHITE - DRIVER COPY / YELLOW - CUSTOMER COPY / PINK - NUMERIC FILE COPY

DCE003-88

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857371

REFERENCE NO. 857371

(PLEASE SIGN HERE)

R: PLEASE SIGN BELOW)

PARKVIEW LANDFILL
WASTE MANAGEMENT, INC.
N96 W13475 COUNTY LINE ROAD
MENOMONEE FALLS, WI 53051

CUSTOMER NO.	TRUCK NO.	INITIALS	TIME	DATE	BATCH NO.
6002214	40	RR	2:51:49	10/10/90	101030

MANIFEST NO. 152131
PERMIT NO. WMA121754

CUSTOMER:
AUTOQUIP, INC.
3851 N 35TH STREET
MILWAUKEE, WI 53216-0000

LOAD CODE	LOAD DESCRIPTION	LOAD QUANTITY	AMOUNT
558	CONTAMINATED SOIL	12.98	298.54
		---TOTAL---	298.54
	GROSS WT LBS .00		
	TARE WT LBS .00		
	NET WT LBS .00		

ORIGINAL

SPECIAL WASTE MANIFEST DISPOSAL TICKET — 152126

DISPOSAL SITE

LOOP #26 A Waste Management Company
10-10-90 11:03AM ID

47500 lb IN

COMPANY NAME:

GENERATOR:

WASTE DESCRIPTION:

PROFILE #

ACCEPTED BY:

DRIVERS SIGNATURE

CUSTOMER SIGNATURE

LOOP #26
10-10-90 11:20AM ID

47500 lb GR
23100 lb TA
24400 lb NT

_____ TONS

WHITE - DRIVER COPY / YELLOW - CUSTOMER COPY / PINK - NUMERIC FILE COPY

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857231

REFERENCE NO. 857231

(DRIVER: PLEASE SIGN BELOW)

(PLEASE SIGN HERE)

PARKVIEW LANDFILL
WASTE MANAGEMENT, INC.
N96 W13475 COUNTY LINE ROAD
MENOMONEE FALLS, WI 53051

CUSTOMER NO.	TRUCK NO.	INITIALS	TIME	DATE	BATCH NO.
6002214	40	RR	11:22:16	10/10/90	101033

MANIFEST NO. 152126
PERMIT NO. WMA121754

CUSTOMER:

AUTOQUIP, INC.
3861 N 35TH STREET
MILWAUKEE, WI 53216-0000

LOAD CODE	LOAD DESCRIPTION	LOAD QUANTITY	AMOUNT
458	CONTAMINATED SOIL	12.20	280.60
		---TOTAL---	280.60
	GROSS WT LBS .00		
	TARE WT LBS .00		
	NET WT LBS .00		

SPECIAL WASTE MANIFEST DISPOSAL TICKET — 152128

PARKVIEW

DISPOSAL SITE

LOOP #27 A Waste Management Company
10-10-90 1:18PM ID

48660 lb IN

COMPANY NAME: AUTOQUIP

GENERATOR: MARATHON

WASTE DESCRIPTION: CONTAMINATED SOIL

PROFILE # WMA 121754

LOOP #27
10-10-90 1:38PM ID

48660 lb GR
25680 lb TA
22980 lb NT

ACCEPTED BY: RPalmquist 10/10/90

DRIVER'S SIGNATURE: #40

CUSTOMER SIGNATURE: 10-9-90 _____ TONS

WHITE - DRIVER COPY / YELLOW - CUSTOMER COPY / PINK - NUMERIC FILE COPY

DCE003-88

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857320

REFERENCE NO. 857320

(DRIVER: PLEASE SIGN BELOW)

(PLEASE SIGN HERE)

PARKVIEW LANDFILL
WASTE MANAGEMENT, INC.
N96 W13475 COUNTY LINE ROAD
MENOMONEE FALLS, WI 53051

CUSTOMER NO.	TRUCK NO.	INITIALS	TIME	DATE	BATCH NO.
6002214	40	RR	1:40:35	10/10/90	10100

MANIFEST NO. 152128
PERMIT NO. WMA121754

CUSTOMER:
AUTOQUIP, INC.
3861 N 35TH STREET
MILWAUKEE, WI 53216-0000

LOAD CODE	LOAD DESCRIPTION	LOAD QUANTITY	AMOUNT
658	CONTAMINATED SOIL	11.49	264.27
		---TOTAL---	264.27
	GROSS WT LBS	.00	
	TARE WT LBS	.00	
	NET WT LBS	.00	

3722

WM0090

SPECIAL WASTE MANIFEST DISPOSAL TICKET ——— 152127

DISPOSAL SITE

LOOP #30 A Waste Management Company
10-10-90 12:03PM ID

54880 lb IN

COMPANY NAME:

GENERATOR:

WASTE DESCRIPTION:

PROFILE #

LOOP #30
10-10-90 12:17PM ID

54880 lb GR
29860 lb TA
25020 lb NT

ACCEPTED BY:

DRIVERS SIGNATURE

CUSTOMER SIGNATURE

_____ TONS

WHITE - DRIVER COPY / YELLOW - CUSTOMER COPY / PINK - NUMERIC FILE COPY

DCE003-88

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857278

REFERENCE NO. 857278

(DRIVER: PLEASE SIGN BELOW)

(PLEASE SIGN HERE)

PARKVIEW LANDFILL
WASTE MANAGEMENT, INC.
N96 W13475 COUNTY LINE ROAD
MENOMONEE FALLS, WI 53051

CUSTOMER NO.	TRUCK NO.	INITIALS	TIME	DATE	BATCH NO.
6002214	55	RR	12:20:04	10/10/90	101030

MANIFEST NO. 152127
PERMIT NO. WMA121754

CUSTOMER:
AUTOQUIP, INC.
3351 N 35TH STREET
MILWAUKEE, WI 53216-0000

LOAD CODE	LOAD DESCRIPTION	LOAD QUANTITY	AMOUNT
458	CONTAMINATED SOIL	12.51	287.73
		----TOTAL----	287.73
	GROSS UT LBS	.00	
	TARE UT LBS	.00	
	NET UT LBS	.00	

SPECIAL WASTE MANIFEST DISPOSAL TICKET — 152129

PARKVIEW
DISPOSAL SITE

LOOP #15 A Waste Management Company
10-10-90 1:58PM ID

59100 lb IN

COMPANY NAME: AUTOQUIP

GENERATOR: MARATHON

WASTE DESCRIPTION: CONTAMINATED SOIL

LOOP #15
10-10-90 2:09PM ID

PROFILE # WMA 121754

59100 lb GR
30020 lb TA
29080 lb NT

ACCEPTED BY: Hallbert 10-10-90

DRIVERS SIGNATURE Joe 10-10-90

CUSTOMER SIGNATURE Charles Hopkins 10-9-90

_____ TONS

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DCE003-88

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857341

REFERENCE NO. 857341

(DRIVER: PLEASE SIGN BELOW)

(PLEASE SIGN HERE) Joe

PARKVIEW LANDFILL
WASTE MANAGEMENT, INC.
N96 W13475 COUNTY LINE ROAD
MENOMONEE FALLS, WI 53051

CUSTOMER NO.	TRUCK NO.	INITIALS	TIME	DATE	BATCH NO.
6002214	55	RR	2:11:21	10/10/90	101030

MANIFEST NO. 152129
PERMIT NO. WMA121754

CUSTOMER:
AUTOQUIP, INC.
3861 N 35TH STREET
MILWAUKEE, WI 53216-0000

LOAD CODE	LOAD DESCRIPTION	LOAD QUANTITY	AMOUNT
658	CONTAMINATED SOIL	14.54	334.42
		---TOTAL---	334.42
	GROSS WT LBS	.00	
	TARE WT LBS	.00	
	NET WT LBS	.00	

3722

WM0090

SPECIAL WASTE MANIFEST DISPOSAL TICKET

152130

DISPOSAL SITE

A Waste Management Company

COMPANY NAME:

GENERATOR:

WASTE DESCRIPTION:

PROFILE #

ACCEPTED BY: RPalmquist 10/10/90

DRIVERS SIGNATURE 10-10

CUSTOMER SIGNATURE Charles M Hoppe 10-9-90

LOOP # 9
10-10-90 1:06PM ID

58800 lb IN

LOOP # 9
10-10-90 3:17PM ID

58800 lb GR
30960 lb TA
27840 lb NT

TONS

WHITE - DRIVER COPY / YELLOW - CUSTOMER COPY / PINK - NUMERIC FILE COPY

DCE003-88

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857389

REFERENCE NO. 857389

(DRIVER: PLEASE SIGN BELOW)

(PLEASE SIGN HERE)

PARKVIEW LANDFILL
WASTE MANAGEMENT, INC.
N96 W13475 COUNTY LINE ROAD
MENOMONEE FALLS, WI 53051

CUSTOMER NO.	TRUCK NO.	INITIALS	TIME	DATE	BATCH NO.
6002214	55	RR	3:19:41	10/10/90	101030

MANIFEST NO. 152130
PERMIT NO. WMA121754

CUSTOMER:
AUTOQUIP, INC.
3861 N 35TH STREET
MILWAUKEE, WI 53216-0000

LOAD CODE	LOAD DESCRIPTION	LOAD QUANTITY	AMOUNT
658	CONTAMINATED SOIL	13.92	320.16
		----TOTAL----	320.16
	GROSS WT LBS .00		
	TARE WT LBS .00		
	NET WT LBS .00		

0600WM

SPECIAL WASTE MANIFEST DISPOSAL TICKET — 152132

PARKVIEW
DISPOSAL SITE

A Waste Management Company

LOOP #17
10-10-90 5:41PM ID

50060 lb IN

COMPANY NAME: AUTOQUIP

GENERATOR: MARATHON

WASTE DESCRIPTION: CONTAMINATED SOIL

PROFILE # WMA 121754

ACCEPTED BY: R Baumgardt 10/10/90

DRIVERS SIGNATURE: [signature] #40

CUSTOMER SIGNATURE: [signature] 10-9-90

LOOP #17
10-10-90 3:54PM ID

50060 lb GR
24560 lb TA
25500 lb NT

_____ TONS

WHITE - DRIVER COPY / YELLOW - CUSTOMER COPY / PINK - NUMERIC FILE COPY

DCE003-88

857403

REFERENCE NO. 857403

(DRIVER: PLEASE SIGN BELOW)

(PLEASE SIGN HERE) [signature]

PARKVIEW LANDFILL
WASTE MANAGEMENT, INC.
N96 W13475 COUNTY LINE ROAD
MENOMONEE FALLS, WI 53051

CUSTOMER NO. 6002214 | TRUCK NO. 40 | INITIALS RR | TIME 8:54AM | DATE 10/10/90 | BATCH NO. 101090

MANIFEST NO. 152132
PERMIT NO. WMA121754

CUSTOMER:
AUTOQUIP, INC.
3861 N 35TH STREET
MILWAUKEE, WI 53216-0000

LOAD CODE	LOAD DESCRIPTION	LOAD QUANTITY	AMOUNT
658	CONTAMINATED SOIL	12.75	293.25
		---TOTAL---	293.25
	GROSS WT LBS	.00	
	TARE WT LBS	.00	
	NET WT LBS	.00	

3722

0600WMA

SPECIAL WASTE MANIFEST DISPOSAL TICKET

152140

DISPOSAL SITE

A Waste Management Company

COMPANY NAME: A-1 OIL

GENERATOR: MARATHON

WASTE DESCRIPTION: CONTAMINATED SOIL

PROFILE # WNA 121754

ACCEPTED BY: RPalmquist 10/11/90

DRIVERS SIGNATURE DCK #39

CUSTOMER SIGNATURE Charles Hoppe 10-11-90

LOOP #23
10-11-90 3:08PM ID
71440 lb IN

LOOP #23
10-11-90 3:20PM ID
71440 lb GR
33200 lb TA
38240 lb NT

_____ TONS

WHITE - DRIVER COPY / YELLOW - CUSTOMER COPY / PINK - NUMERIC FILE COPY

DCE003-88

Printed on recycled paper

857704

REFERENCE NO. 857704

(DRIVER: PLEASE SIGN BELOW)

(PLEASE SIGN HERE) DCK

MARATHON

PARKVIEW LANDFILL
WASTE MANAGEMENT, INC.
N96 W13475 COUNTY LINE ROAD
MENOMONEE FALLS, WI 53051

CUSTOMER NO.	TRUCK NO.	INITIALS	TIME	DATE	BATCH NO.
600214	39	RR	3:22:35	10/11/90	101130

MANIFEST NO. 152140
PERMIT NO. WNA121754

CUSTOMER:
AUTOQUIP, INC.
3861 N 35TH STREET
MILWAUKEE, WI 53216-0000

LOAD CODE	LOAD DESCRIPTION	LOAD QUANTITY	AMOUNT
258	CONTAMINATED SOIL	19.12	439.76
		---TOTAL---	439.76
	GROSS WT LBS	.00	
	TARE WT LBS	.00	
	NET WT LBS	.00	

3722

0600WM

SPECIAL WASTE MANIFEST DISPOSAL TICKET

152137

A Waste Management Company

PARKVIEW
DISPOSAL SITE

LOOP #
10-11- 11:39AM ID
48420 lb IN

COMPANY NAME: AUTO QUIP

GENERATOR: MARATHON

WASTE DESCRIPTION: CONTAMINATED SOIL

PROFILE # WMA121754

LOOP # 8
10-11-90 12:03PM ID

ACCEPTED BY: R Palmquist 10/11/90

48420 lb GR
24300 lb TA
24120 lb NT

DRIVERS SIGNATURE [signature] #40

CUSTOMER SIGNATURE [signature] 11-9-90

______ TONS

WHITE - DRIVER COPY / YELLOW - CUSTOMER COPY / PINK - NUMERIC FILE COPY

DCE003-88

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857585

REFERENCE NO. 857585

(DRIVER: PLEASE SIGN BELOW)

(PLEASE SIGN HERE) [signature]

PARKVIEW LANDFILL
WASTE MANAGEMENT, INC.
N96 W13475 COUNTY LINE ROAD
MENOMONEE FALLS, WI 53051

CUSTOMER NO.	TRUCK NO.	INITIALS	TIME	DATE	BATCH NO.
[illegible]	40	RR	12:05:47	10/11/90	10113

MANIFEST NO. 152137
PERMIT NO. WMA121754

CUSTOMER:
AUTOQUIP, INC.
3861 N 35TH STREET
MILWAUKEE, WI 53216-0000

LOAD CODE	LOAD DESCRIPTION	LOAD QUANTITY	AMOUNT
458	CONTAMINATED SOIL	12.06	277.38
		---TOTAL---	277.38
	GROSS WT LBS .00		
	TARE WT LBS .00		
	NET WT LBS .00		

35722

0600WM

(DRIVER: PLEASE SIGN BELOW)

857467

REFERENCE NO. 857467

(PLEASE SIGN HERE) Ronni Eckhardt

PARKVIEW LANDFILL
WASTE MANAGEMENT, INC.
N96 W13475 COUNTY LINE ROAD
MENOMONEE FALLS, WI 53051

CUSTOMER NO.	TRUCK NO.	INITIALS	TIME	DATE	BATCH NO.
6002214	40	RR	8:46:28	10/11/90	101134

CUSTOMER:

AUTOQUIP, INC.
3861 N 35TH STREET
MILWAUKEE, WI 53216-0000

MANIFEST NO. 152133
PERMIT NO. WMA121754

LOAD CODE	LOAD DESCRIPTION		LOAD QUANTITY	AMOUNT
658	CONTAMINATED SOIL		10.53	242.19
			---TOTAL---	242.19
	GROSS WT LBS	.00		
	TARE WT LBS	.00		
	NET WT LBS	.00		

Printed on recycled paper

SPECIAL WASTE MANIFEST DISPOSAL TICKET ______ 152133

PARKVIEW
DISPOSAL SITE

A Waste Management Company

LOOP #27
10-11-90 8:29AM ID

48080 lb IN

COMPANY NAME: AUTOQUIP

GENERATOR: MARATHON

WASTE DESCRIPTION: CONTAMINATED SOIL

PROFILE # WMA 121754

LOOP #27
10-11-90 8:44AM ID

48080 lb GR
27020 lb TA
21060 lb NT

ACCEPTED BY: R Palmquist 10/11/90

DRIVERS SIGNATURE Ronni Eckhardt #40

CUSTOMER SIGNATURE [illegible] 11-9-90

______ TONS

WHITE - DRIVER COPY / YELLOW - CUSTOMER COPY / PINK - NUMERIC FILE COPY

DCE003-88

SPECIAL WASTE MANIFEST DISPOSAL TICKET

152135

PARKVIEW
DISPOSAL SITE

LOOP #10 A Waste Management Company
10-11-90 10:20AM ID

47220 lb IN

COMPANY NAME: AUTO QUIP

GENERATOR: MARATHON

WASTE DESCRIPTION: CONTAMINATED SOIL

PROFILE # WMA 121754

LOOP #10
10-11-90 10:36AM ID

47220 lb GR
27620 lb TA
19600 lb NT

ACCEPTED BY: R Palmquist 10/11/90

DRIVERS SIGNATURE Ron Eschmidt #40

CUSTOMER SIGNATURE Charles M Lloyd [redacted] 10-11-90 _____ TONS

WHITE - DRIVER COPY / YELLOW - CUSTOMER COPY / PINK - NUMERIC FILE COPY

DCE003-88

WM0090

35722

(DRIVER: PLEASE SIGN BELOW)

(PLEASE SIGN HERE)

857525

REFERENCE NO. 857525

PARKVIEW LANDFILL
WASTE MANAGEMENT, INC.
N78 W13475 COUNTY LINE ROAD
MENOMONEE FALLS, WI 53051

CUSTOMER NO. 4007514 | TRUCK NO. 40 | INITIALS RP | TIME 10:39:00 | DATE 10/11/90 | BATCH NO. 101134

CUSTOMER:
AUTOQUIP, INC.
3861 N 35TH STREET
MILWAUKEE, WI 53216-0000

MANIFEST NO. 152135
PERMIT NO. WMA121754

LOAD NUMBER	LOAD DESCRIPTION	LOAD QUANTITY	AMOUNT
658	CONTAMINATED SOIL	9.80	225.40
	GROSS WT LBS .00		
	TARE WT LBS .00	---TOTAL---	
	NET WT LBS .00		225.40

ORIGINAL

SPECIAL WASTE MANIFEST DISPOSAL TICKET — 152136

FARLEIN
DISPOSAL SITE

LOOP #24 — A Waste Management Company
10-11-90 10:57AM ID

74580 lb IN

COMPANY NAME: AUTO QUIP

GENERATOR: MARATHON

WASTE DESCRIPTION: CONTAMINATED SOIL

PROFILE # WMA 121754

ACCEPTED BY: R Palmquist 10/11/90

DRIVER'S SIGNATURE DCK #39

LOOP #24
10-11-90 11:14AM ID

74580 lb GR
33200 lb TA
41380 lb NT

CUSTOMER SIGNATURE Charles Hoepl 10-9-90 _____ TONS

WHITE - DRIVER COPY / YELLOW - CUSTOMER COPY / PINK - NUMERIC FILE COPY

DCE003-88

Printed on recycled paper

857549

REFERENCE NO. 857549

(DRIVER: PLEASE SIGN BELOW)

(PLEASE SIGN HERE) DCK

MARATHON

PARKVIEW LANDFILL
WASTE MANAGEMENT, INC.
N96 W13475 COUNTY LINE ROAD
MENOMONEE FALLS, WI 53051

CUSTOMER NO.	TRUCK NO.	INITIALS	TIME	DATE	BATCH NO.
400-2214	39	RR	11:16:07	10/11/90	101134

MANIFEST NO. 152136
PERMIT NO. WMA121754

CUSTOMER:
AUTOQUIP, INC.
3861 N 35TH STREET
MILWAUKEE, WI 53216-0000

LOAD CODE	LOAD DESCRIPTION	LOAD QUANTITY	AMOUNT
658	CONTAMINATED SOIL	20.69	475.87
		----TOTAL----	475.87
	GROSS WT LBS	.00	
	TARE WT LBS	.00	
	NET WT LBS	.00	

WM0090

SPECIAL WASTE MANIFEST DISPOSAL TICKET — 152134

PARKVIEW
DISPOSAL SITE

LOOP #16 — A Waste Management Company
10-11-90 9:11AM ID

71100 lb IN

COMPANY NAME: AUTOQUIP

GENERATOR: MARATHON

WASTE DESCRIPTION: CONTAMINATED SOIL

LOOP #16
10-11-90 9:24AM ID

71100 lb GR
33220 lb TA
37880 lb NT

PROFILE # WMA 121754

ACCEPTED BY: R Palmquist 10/11/90

DRIVERS SIGNATURE OCK #39

CUSTOMER SIGNATURE Charles M Hopf 11-9-90 _____ TONS

WHITE - DRIVER COPY / YELLOW - CUSTOMER COPY / PINK - NUMERIC FILE COPY

DCE003-88

WM0090

35722

(DRIVER: PLEASE SIGN BELOW)

(PLEASE SIGN HERE)

OCK

MARATHON TERMINAL
107 St. ST.

857488

REFERENCE NO. 857488

PARKVIEW LANDFILL
WASTE MANAGEMENT, INC.
N96 W13475 COUNTY LINE ROAD
MENOMONEE FALLS, WI 53051

CUSTOMER NO. 6002214 | TRUCK NO. 37 | INITIALS RR | TIME 9:36:42 | DATE 10/11/90 | BATCH NO. 101134

CUSTOMER:
AUTOQUIP, INC.
3861 N 35TH STREET
MILWAUKEE, WI 53216-0000

MANIFEST NO. 152134
PERMIT NO. WMA121754

LOAD CODE	LOAD DESCRIPTION	LOAD QUANTITY	AMOUNT
658	CONTAMINATED SOIL	18.94	435.62
	GROSS WT LBS .00		
	TARE WT LBS .00		
	NET WT LBS .00	---TOTAL---	435.62

ORIGINAL

Printed on recycled paper

SPECIAL WASTE MANIFEST DISPOSAL TICKET

152138

CANCELLED

DISPOSAL SITE

LOOP # 1
10-11-90 12:55PM ID

A Waste Management Company

69300 lb IN

COMPANY NAME: AUTOQUIP

GENERATOR: MARATHON

WASTE DESCRIPTION: CONTAMINATED SOIL

PROFILE # WMA 121754

ACCEPTED BY: R Palmquist 10/11/90

DRIVERS SIGNATURE OCK #39

CUSTOMER SIGNATURE Charles W Hupf 10-9-90

LOOP # 2
10-11-90 1:12PM ID

69300 lb GR
33240 lb TA
36060 lb NT

_____ TONS

WHITE - DRIVER COPY / YELLOW - CUSTOMER COPY / PINK - NUMERIC FILE COPY

DCE003-88

WM0090

35722

ORIGINAL

LOAD CODE	LOAD DESCRIPTION	LOAD QUANTITY	AMOUNT
658	CONTAMINATED SOIL	18.03	414.69
	GROSS WT LBS .00		
	TARE WT LBS .00		
	NET WT LBS .00	----TOTAL----	414.69

CUSTOMER:
AUTOQUIP, INC.
3861 N 35TH STREET
MILWAUKEE, WI 53216-0000

CUSTOMER NO.	TRUCK NO.	INITIALS	TIME	DATE	BATCH NO.
4002214	39	RB	1:14:44	10/11/90	101130

MANIFEST NO. 152138
PERMIT NO. WMA121754

PARKVIEW LANDFILL
WASTE MANAGEMENT, INC.
N96 W13475 COUNTY LINE ROAD
MENOMONEE FALLS, WI 53051

MARATHON

(PLEASE SIGN HERE)

OCK

REFERENCE NO. 857620

857620

(DRIVER: PLEASE SIGN BELOW)

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SPECIAL WASTE MANIFEST DISPOSAL TICKET

152139

CARLINE[illegible]
DISPOSAL SITE

LOOP #21 — A Waste Management Company
10-11-90 1:34PM ID

37900 lb IN

COMPANY NAME: AUTOQUIP

GENERATOR: MARATHON

WASTE DESCRIPTION: CONTAMINATED SOIL

PROFILE # WMA B 121754

ACCEPTED BY: [signature] 10-11-90

DRIVERS SIGNATURE [signature] #40

CUSTOMER SIGNATURE [signature] 10-11-90

LOOP #21
10-11-90 1:47PM ID

37900	lb	GR
22820	lb	TA
15080	lb	NT

_______ TONS

WHITE - DRIVER COPY / YELLOW - CUSTOMER COPY / PINK - NUMERIC FILE COPY

DCE003-88

Printed on recycled paper

857649

REFERENCE NO. 857649

(DRIVER: PLEASE SIGN BELOW)

(PLEASE SIGN HERE) [signature]

PARKVIEW LANDFILL
WASTE MANAGEMENT, INC.
N96 W13475 COUNTY LINE ROAD
MENOMONEE FALLS, WI 53051

CUSTOMER NO.	TRUCK NO.	INIT/SALE	TIME	DATE	BATCH NO.
6002214	40	RR	1:50:07	10/11/90	101130

MANIFEST NO. 1521[illegible]
PERMIT NO. UWM121754

CUSTOMER:
AUTOQUIP, INC.
3861 N 35TH STREET
MILWAUKEE, WI 53216-0000

LOAD CODE	LOAD DESCRIPTION		LOAD QUANTITY	AMOUNT
658	CONTAMINATED SOIL		7.54	173.42
	GROSS WT LBS	.00		
	TARE WT LBS	.00		
	NET WT LBS	.00		
			------TOTAL------	173.42

35722

WM0090

SPECIAL WASTE MANIFEST DISPOSAL TICKET — 152141

DISPOSAL SITE

A Waste Management Company

COMPANY NAME: AUTO QUIP

GENERATOR: MARATHON

WASTE DESCRIPTION: CONTAMINATED SOIL

PROFILE # WMA 121754

ACCEPTED BY: R Palmquist 10/11/90

DRIVERS SIGNATURE: Ron Endrich #40

CUSTOMER SIGNATURE: Charles Hopkins 10-11-90

LOOP #28
10-11-90 3:32PM ID
48820 lb IN

LOOP #28
10-11-90 3:47PM ID
48820 lb GR
23120 lb TA
25700 lb NT

_____ TONS

WHITE - DRIVER COPY / YELLOW - CUSTOMER COPY / PINK - NUMERIC FILE COPY

DCE003-88

Printed on recycled paper

857718

REFERENCE NO. 857718

(DRIVER: PLEASE SIGN BELOW)

(PLEASE SIGN HERE)

PARKVIEW LANDFILL
WASTE MANAGEMENT, INC.
N96 W13475 COUNTY LINE ROAD
MENOMONEE FALLS, WI 53051

CUSTOMER NO. 6002214 | TRUCK NO. 40 | INITIALS RR | TIME 3:49:55 | DATE 10/11/90 | BATCH NO. 101130

MANIFEST NO. 152141
PERMIT NO. WMA121754

CUSTOMER:
AUTOQUIP, INC.
3861 N 35TH STREET
MILWAUKEE, WI 53216-0000

LOAD CODE	LOAD DESCRIPTION	LOAD QUANTITY	AMOUNT
658	CONTAMINATED SOIL	12.82	294.86
	---TOTAL---		294.86
	GROSS WT LBS .00		
	TARE WT LBS .00		
	NET WT LBS .00		

SPECIAL WASTE MANIFEST DISPOSAL TICKET — 132912

PARK-VIEW
DISPOSAL SITE

NORTH _____
EAST _____ LOOP # 7
ELEVATION _____ 10-12-90 11:16AM ID

A Waste Management Company

50700 lb IN

DATE: OCT 11, 1990

TRANSPORTER: AUTO EQUIP

GENERATOR: MARATHON

GENERATORS SIGNATURE: Charles N Hoeft 10/12/90 Date

WASTE DESCRIPTION: CONTAMINATED SOIL

LOOP # 7
10-12-90 11:16AM ID

50700 lb GR
22700 lb TA
28000 lb NT

PROFILE # LWMA 121754 QUANTITY _____

ACCEPTED BY: R Palmquist TIME: 10/12/90 Date TRUCK NO. 40

DRIVERS SIGNATURE: Ron Endrich / / Date BOX NO. _____ _____ TONS/YARDS

WHITE & YELLOW - TRANSPORTER COPY/PINK - DISPOSAL SITE COPY/GOLD - GENERATOR COPY

Printed on recycled paper

857812

REFERENCE NO. 857812

(DRIVER: PLEASE SIGN BELOW)

(PLEASE SIGN HERE) Ronald E Endrich

PARKVIEW LANDFILL
WASTE MANAGEMENT, INC.
N96 W13475 COUNTY LINE ROAD
MENOMONEE FALLS, WI 53051

CUSTOMER NO.	TRUCK NO.	INITIALS	TIME	DATE	BATCH NO.
6002214	40	RR	11:23:29	10/12/90	101335

MANIFEST NO. 132912
PERMIT NO. WMA121754

CUSTOMER:
AUTOQUIP, INC.
3861 N 35TH STREET
MILWAUKEE, WI 53216-0000

LOAD CODE	LOAD DESCRIPTION	LOAD QUANTITY	AMOUNT
458	CONTAMINATED SOIL	14.00	322.00
		----TOTAL---	322.00
	GROSS WT LBS	.00	
	TARE WT LBS	.00	
	NET WT LBS	.00	

3722

SPECIAL WASTE MANIFEST DISPOSAL TICKET

132911

PARK VIEW
DISPOSAL SITE

NORTH _____
EAST _____ LOOP #22
ELEVATION _____ 10-12-90 10:16AM ID

A Waste Management Company

51720 lb IN

DATE: OCT 12, 1990

TRANSPORTER: AUTO QUIP

GENERATOR: MISC OTHER

GENERATORS SIGNATURE: Charles Hopkins 10/12/90 Date

LOOP #22
10-12-90 10:16AM ID

WASTE DESCRIPTION: CONTAMINATED SOIL

51720 lb GR
22660 lb TA
29060 lb NT

PROFILE # WMA 121754 QUANTITY _____

ACCEPTED BY: R Rodriguez TIME: 10/12/90 Date TRUCK NO. #40

DRIVERS SIGNATURE: Ron Erdmann 10/12/90 Date BOX NO. _____ _____ TONS/YARDS

WHITE & YELLOW - TRANSPORTER COPY/PINK - DISPOSAL SITE COPY/GOLD - GENERATOR COPY

WM0090

35722

(DRIVER: PLEASE SIGN BELOW)

(PLEASE SIGN HERE)

Ron Erdmann

857783

REFERENCE NO. 857783

PARKVIEW LANDFILL
WASTE MANAGEMENT, INC.
N96 W13475 COUNTY LINE ROAD
MENOMONEE FALLS, WI 53051

CUSTOMER NO. 6002214 | TRUCK NO. 40 | INITIALS RR | TIME 10:23:22 | DATE 10/12/90 | BATCH NO. 101235

CUSTOMER:
AUTOQUIP, INC.
3861 N 35TH STREET
MILWAUKEE, WI 53216-0000

MANIFEST NO. 132911
PERMIT NO. WMA121754

LOAD CODE	LOAD DESCRIPTION	LOAD QUANTITY	AMOUNT
658	CONTAMINATED SOIL	14.53	334.19
	GROSS WT LBS .00		
	TARE WT LBS .00	----TOTAL----	
	NET WT LBS .00		

ORIGINAL

Printed on recycled paper

DISPOSAL № 28811

OMEGA HILLS LANDFILL
N96 W12730 COUNTY LINE ROAD
GERMANTOWN, WI 53022
PHONE (414) 251-3790

A Waste Management Company

CUSTOMER NO.
490496 000221 4

MO. DAY YR.
1 0 1 2 9 0

TRUCK NO. 40

MANIFEST NO. 152146

PROFILE NO. 121754

Company Name Autoquip

Driver's Signature

CODE	DESCRIPTION	QUANTITY
605	Trailer	.00
610	Loose	.00
620	Compacted	.00
645	Special Waste Tons	.
650	Municiple Tons	.
675	Brush Tons	.
680	FEL	.00
699	Demolition	.00
700	Germantown Residents	.00
715	Units	.00
	$	.
Special 658		12.71

SPECIAL WASTE MANIFEST DISPOSAL TICKET

152145

PARK VIEW
DISPOSAL SITE

LOOP #22 — A Waste Management Company
10-12-90 8:05AM ID

45020 lb IN

COMPANY NAME: AUTO QUIP

GENERATOR: MARATHON

WASTE DESCRIPTION: CONTAMINATED SOIL

PROFILE # WMA 121754

ACCEPTED BY: R Palmquist 10/12/90

DRIVERS SIGNATURE [signature] #40

CUSTOMER SIGNATURE [signature] 10-12-90

LOOP #22
10-12-90 8:20AM ID

45020 lb GR
22580 lb TA
22440 lb NT

_______ TONS

WHITE - DRIVER COPY / YELLOW - CUSTOMER COPY / PINK - NUMERIC FILE COPY

DCE003-88

WM0090 35722

(DRIVER: PLEASE SIGN BELOW)

(PLEASE SIGN HERE) [signature]

REFERENCE NO. 857761

PARKVIEW LANDFILL
WASTE MANAGEMENT, INC
N96 W13475 COUNTY LINE ROAD
MENOMONEE FALLS, WI 53051

CUSTOMER NO	TRUCK NO.	INITIALS	TIME	DATE	BATCH NO.
[illegible]	40	RR	8:22:53	10/12/90	101225

CUSTOMER:
AUTOQUIP, INC.
3861 N 35TH STREET
MILWAUKEE, WI 53216-0000

MANIFEST NO. 152145
PERMIT NO. WMA121754

LOAD CODE	LOAD DESCRIPTION	LOAD QUANTITY	AMOUNT
658	CONTAMINATED SOIL	11.22	258.06
	GROSS WT LBS .00		
	TARE WT LBS .00		
	NET WT LBS .00	---TOTAL---	258.06

ORIGINAL

SPECIAL WASTE MANIFEST DISPOSAL TICKET

132913

FRANKLIN
DISPOSAL SITE

NORTH _____
EAST _____ LOOP #20
ELEVATION _____ 10-12-90 12:[illegible]PM ID

A Waste Management Company

DATE: OCT 12 1990

42340 lb IN

TRANSPORTER: AUTO QUIP

GENERATOR: MARATHON

GENERATORS SIGNATURE: Charles Hoppe 10/12/90 Date

LOOP #20
10-12-90 12:21PM ID

WASTE DESCRIPTION: CONTAMINATED SOIL

42340 lb GR
22440 lb TA
19900 lb NT

PROFILE # WMA 121754 QUANTITY _____

ACCEPTED BY: RPalmquist TIME: 10/12/90 Date

TRUCK NO: #40

DRIVERS SIGNATURE: Ron Erdmann 10/12/90 Date

BOX NO. _____ _____ TONS/YARDS

WHITE & YELLOW - TRANSPORTER COPY/PINK - DISPOSAL SITE COPY/GOLD - GENERATOR COPY

Printed on recycled paper

857845

REFERENCE NO. 857845

(DRIVER: PLEASE SIGN BELOW)

(PLEASE SIGN HERE) Dennis Gibb

PARKVIEW LANDFILL
WASTE MANAGEMENT, INC.
N96 W13475 COUNTY LINE ROAD
MENOMONEE FALLS, WI 53051

CUSTOMER NO.	TRUCK NO.	INITIALS	TIME	DATE	BATCH NO.
4002214	40	RR	10:29:04	10/12/90	101285

MANIFEST NO. 132913
PERMIT NO. WMA121754

CUSTOMER:
AUTOQUIP, INC.
3861 N 35TH STREET
MILWAUKEE, WI 53216-0000

LOAD CODE	LOAD DESCRIPTION	LOAD QUANTITY	AMOUNT
658	CONTAMINATED SOIL	9.95	228.85
		----TOTAL----	228.85
	GROSS WT LBS	.00	
	TARE WT LBS	.00	
	NET WT LBS	.00	

Received oct/1/90

Central Engineering Department

Marathon Petroleum Company

539 South Main Street
Findlay, Ohio 45840
Telephone 419/422-2121

November 1, 1990

Mr. John Feeney
Wisconsin Department of Natural Resources
P.O. Box 12436
2300 N. Martin Luther King Drive
Milwaukee, Wisconsin 53212

SUBJECT: REPORTED INCIDENT
MARATHON BULK STORAGE TERMINAL
9125 NORTH 107TH STREET
MILWAUKEE, WISCONSIN

Dear Mr. Feeney:

While removing a concrete slab adjacent to the loading rack area, petroleum based contaminated soil was discovered. For this reason, the site was reported to Dean Kelly of the WDNR on September 20, 1990.

Reports documenting any assessment or remedial activities will be forwarded upon completion.

If you have any questions, please call me at (419) 422-2121, ext. 3587.

Sincerely,

Patrick J. Mihelick
Associate Environmental Engineer

PJM
MTSTA1.RFT

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Carroll D. Besadny
Secretary

Box 12436
Milwaukee, Wisconsin 53212
Fax: (414) 562-1258

October 11, 1990

File Ref: 4440

Mr. Patrick Mihelick
Marathon Petroleum Company
539 South Main Street
Findlay, OH 45840

Dear Mr. Mihelick:

RE: Marathon Bulk Storage, 9125 N 107th St, Milwaukee, WI

The Wisconsin Department of Natural Resources (WDNR) has been notified that petroleum contamination was discovered September 20, 1990 at the above referenced location. John Feeney, the Leaking Underground Storage Tank (LUST) Project Manager for your area, may be reached at the above address or at (414) 263-8654. Based on the site specific information provided, this case has been assigned to the Medium Priority Rank group. The purpose of this letter is to inform you of your legal responsibilities to address this situation.

Releases from underground storage tanks regulated under Subtitle I of the Resource Conservation and Recovery Act require compliance with the provisions of 40 CFR Parts 280 and 281. The Environmental Protection Agency (EPA) has the authority to take enforcement action at any time, but will generally not take action against parties cooperating with the state. The WDNR proceeds in LUST cases under the authority of s. 144.76, Wisconsin Statutes, commonly referred to as Wisconsin's Hazardous Substance Spill Law. The definition of "hazardous substance" as found in s. 144.01(4m), Wisconsin Statutes, includes petroleum products.

> Wisconsin Statute 144.76(2a) states: "A person who possesses or controls a hazardous substance which is discharged or who causes the discharge of a hazardous substance shall notify the Department immediately of any discharge not exempted under sub.(9)."
>
> Wisconsin Statute 144.76(3) states: "A person who possesses or controls a hazardous substance which is discharged or who causes the discharge of a hazardous substance shall take the actions necessary to restore the environment to the extent practicable and minimize the harmful effects from the discharge to the air, lands, or waters of this state."

Because you possess or control a hazardous substance which has been released to the environment, the Department identifies you as the party responsible for taking the actions necessary to restore the environment. You are required to:

1. Immediately notify your WDNR Project Manager, or the Spills Hotline at (414) 562-9615 should emergency conditions involving explosive vapors and/or well contamination develop.

2. Conduct an investigation to determine the extent of soil and groundwater contamination.

3. Remediate all of the environmental impacts caused by this situation.

Within 15 days of receiving this letter, you should provide your WDNR Project Manager with the date the remedial investigation will begin.

Investigation must be conducted according to the LUST Corrective Action Plan. Copies of this document may be ordered through WDNR Central Office by calling (608) 267-3859. Final documentation of the investigation and cleanup should be prepared according to the guidance enclosed and sent to this office on completion of the project. Remedial actions must adequately cleanup contaminated soil and/or groundwater to current WDNR guidelines and/or standards. All product, soil, wastewater, and sludge must be disposed of in compliance with all applicable federal, state and local laws and regulations. Because the Department is experiencing a backlog of leaking underground storage tank cases of emergency status and your case is not currently ranked as an emergency, your submittals will be reviewed as time permits. Investigation and cleanup should not, however, be delayed pending WDNR review.

You are encouraged to contact the Department of Industry, Labor, and Human Relations (DILHR), the state agency that administers the Petroleum Environmental Cleanup Fund (PECFA). This fund may reimburse you for eligible costs associated with the remedial investigation and cleanup. DILHR should be contacted at (608) 267-4545 to obtain current information regarding the PECFA program.

Your cooperation in this matter will be appreciated. Please be aware that your ability to use PECFA funds is dependent on your cooperation in adequately addressing this problem. If you have any questions, please contact your WDNR Project Manager.

Sincerely,

Sharon Graham

Sharon Graham
Program Assistant,Environmental Repair Section

Enclosures: Petroleum Tank Release Remedial Investigation Report
Application to Treat or Dispose of Petroleum Contaminated Soil

c: Matt Henderson - Midwest Engineering
SED Case File

10/10/90

Pat Makelek Marathon

sent letter
dated 16 v I

Milw
Bulk

loading Rack
addative ran into trench

cont get all
10 HnU
ppm

Matt Henderson Midwest Eng
re constr loading rack
cant get all cont soil
8 1/2' 6 ppm 160 ppm

told them they must adress whatever cont. is left. Also said do plenty of sampling

#1051

REV. 10/89

DEPARTMENT OF NATURAL RESOURCES
LEAKING UNDERGROUND STORAGE TANK

COMPUTER TRACKING
FORM 4400

PMN#: _____ FID#: _____

PROJECT MGR: J. Feeney

SUPPORT PERSON: S.G.

DISTRICT: SED COUNTY: _____ HNDI: ____

SITE NAME: Marathon Bulk Storage

ADDRESS: see RP 9125 N 107th St

Milwaukee __TN__CITY__VIL

LEGAL DESC: ___1/4___1/4 SEC___T___R___E/W

DATE OF INITIAL CONTACT: 9/20/90 (mo day yr)

DATE OF RP LETTER: 10/11/90 (mo day yr)

DATE SITE CLOSURE APPROVED: ___/___/___ (mo day yr)

LUST TRUST ELIGIBLE: (x)
___ 1 = FEDERAL
___ 2 = NON-FEDERAL

STATUS: (X)
___ 1 = STATE LEAD
___ 2 = RP LEAD

PRIORITY SCREENING: (X)
___ 1 = HIGH SCORE:_____
X 2 = MEDIUM
___ 3 = LOW
___ 4 = UNKNOWN

(see worksheet on back)

FUNDING SOURCE: (X)
___ 1 = RESPONSIBLE PARTY
___ 2 = LUST TRUST FUND
___ 3 = ENVIRONMENTAL RESPONSE FUND
___ 4 = SUPER FUND
___ 5 = NONE
___ 6 = OTHER_____

(X AS APPROPRIATE)	DATE INITIATED (MO DAY YR)	DATE COMPLETED (MO DAY YR)	COMMENTS:
___ NO ACTION TAKEN			
___ EMERGENCY	___/___/___	___/___/___	
___ EMERGENCY RESPONSE	___/___/___	___/___/___	
X FIELD INVESTIGATION	10/31/90	___/___/___	overexcavation
___ REMEDIAL ACTION	___/___/___	___/___/___	
___ LONG TERM MONITORING	___/___/___	___/___/___	

FIRM OR PERSON RESPONSIBLE: Marathon Petroleum Co

CONTACT: Patrick J. Mihelick

ADDRESS: 539 S. Main St.
Findlay Ohio 45840

PHONE: 419/422-2121
(list additional on separate list & attach)

CONSULTANT: Midwest Engineering

CONTACT: Matt Henderson P.E.

ADDRESS: 111 Wilmont Drive
Waukesha, WI 53186

PHONE: ___/414-521-2125

AMOUNT COMMITTED: $_____.___ AMOUNT SPENT: $_____.___
(list additional on separate list & attach)

PECFA REVIEW REQUESTED:(X) ___YES ___NO

DATE PECFA REQUEST RECEIVED:(mo day yr) ___/___/___

	KNOWN IMPACTS:(x)	POTENTIAL IMPACTS:(X)
FIRE/EXPLOSION THREAT	___	___
CONTAMINATED PRIVATE WELL	___	___
CONTAMINATED PUBLIC WELL	___	___
GROUNDWATER CONTAMINATION	___	___
SOIL CONTAMINATION	X	___
OTHER:_____	___	___

SUBSTANCES:(X) QUANTITY DISCHARGED:(gals)_____
___ LEADED GAS ___ VOCS
___ UNLEADED GAS ___ PESTICIDE
___ DIESEL
___ FUEL OIL
___ UNKNOWN HYDROCARBONS
___ OTHER_____

ENFORCEMENT ACTION TAKEN

01=INF. CONTACT,RESP INITIATED
02=RP LETTER,RESP INITIATED
03=NTC OF NON COMPLIANCE
06=INSPECTION LETTER
07=RESPONSE RECEIVED
11=CLOSE OUT
14=NOTICE OF VIOLATION
18=ADMIN. ORDER FINAL
20=ADMIN. ORDER CANCELLED
23=REFERRAL TO DOJ
25=REFERRAL TO EPA
99=OTHER ACTION:_____

ACTION (code from above)	DATE (mo/day/yr)	COMMENT:
01	09/20/90	RP notified
02	10/11/90	RP letter - medium
07	01/14/91	Site assess. rec'd
___	___/___/___	

(for additional action codes see instructions/list additional on separate list and attach)

OVER ALL CASE COMMENT:_____

LUST CASE PRIORITY SCREENING WORKSHEET

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

HIGH FACTORS:

_____ Contaminated private or public well >NR140 enf. std.
_____ Explosive or toxic vapors in structures
_____ Threat of fire

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

_____ Floating product (medium if no receptors within 1 mile)
_____ Known gw contamination (private or public well <140 enf. std.
_____ Impacted surface water--wetland, trout stream, etc. impacted
_____ saturated soil contamination

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

_____ Moderate soil contamination with moderate potential for impacting groundwater.
_____ Impacted surface water--no critical habitat threats.

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

_____ Soil contamination which appears to have a limited potential for impacting groundwater.
_____ Initial remedial action has substantially reduced environmental threat.

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

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

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

Circle one & date, indicate in priority screening box opposite side _____HIGH_____MEDIUM_____LOW_____UNKNOWN

COMMENT:_____

_____

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

1. GROUNDWATER & SOILS: (circle one)

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

2. EXPLOSIVE OR TOXIC VAPORS: (circle one)

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

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

3. HYDROGEOLOGIC SETTING: (circle one)

POINTS	
12	Highly permeable sub-soils (gravel, well sorted sand, fractured bedrock or utilities capable of intercepting and directing flow) and groundwater within 25 feet of the ground surface.
10	Highly permeable sub-soils and groundwater more than 25 feet below ground surface.
8	Moderately permeable sub-soils (silty sands, silty gravel, clayey sands) and groundwater within 25 feet of ground surface
6	Moderately permeable sub-soils and groundwater greater than 25 feet below ground surface.
4	Low permeability sub-soils (silt, clayey silt, sand clays) and groundwater within 25 feet of ground surface.
2	Low permeability sub-soils and groundwater greater than 25 feet below ground surface.

4. TYPE OF PRODUCT: (circle one)

POINTS	NOTE: Add 4 points if free product is present. (score in parentheses)
8 (12)	Gasoline, mixture of gasoline and other products, other light petroleum products.
6 (10)	Diesel, fuel oil
2 (6)	Bunker oil, other heavy oils or crude fractions

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